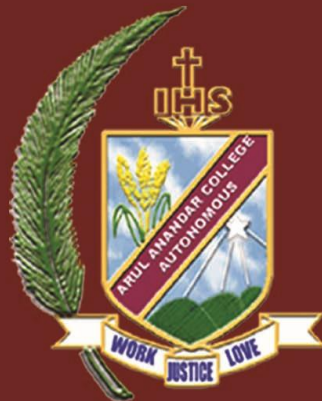# ARUL ANANDAR COLLEGE (AUTONOMOUS) KARUMATHUR – 625 514, MADURAI DT. TAMIL NADU

## REACCREDITATION - THIRD CYCLE

## SELF- STUDY REPORT (2008 – 2013)



SUBMITTED TO

## NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL BANGALURU

## SEPTEMBER - 2013

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# Arul Anandar College (Autonomous)

## Karumathur – 625 514, Madurai District, Tamil Nadu

## SELF - STUDY REPORT – 2013

| STEERING  COMMITTEE | |
| --- | --- |
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| **Dr. M. John Joseph** | Head – Rural  Development Science |
| **Dr. D. Antony Singh Dhas** | Faculty – Economics |
| **Dr. A. Shanmugaraju** | Faculty – Physics |

**A**rul Anandar College (Autonomous), a catholic minority institution affiliated to Madurai Kamaraj University is located in Karumathur of the Usilampatti Taluk, Madurai district, 22 km away from Madurai. It was founded by the late Archbishop of the Madurai Diocese, the Most Rev. Dr. Justin Diraviam in 1970 and was known as De La Salle College. It is a grant-in-aid institution recognized by the UGC under sections 2(f) and 12(B). In 1972 it was renamed as Arul Anandar College. It became autonomous in 1987 and co-educational in 2001. It comes under the jurisdiction of the Jesuit Madurai Province along with the other Jesuit colleges in Tamil Nadu, namely, Loyola College (Autonomous), Loyola College of Engineering and Loyola College of Education, Chennai, St.Joseph's College (Autonomous) Tiruchirappalli, St.Xavier's College (Autonomous) and St.Xavier's College of Education (Autonomous) Palayamkottai, and Loyola College, Vettavalam. All these colleges follow a common policy with regard to admissions, appointments and administration. Each college has its own unique features and characteristics and among the Jesuit colleges, Arul Anandar College is distinct for its typical rural characteristics and orientation.

The College with the motto **Work, Justice and Love** began its educational mission with a firm commitment to bring about societal transformation in the revenue taluk of Usilampatti. The area is mostly inhabited by the Piramalai Kallar Community, a denotified tribe which comes under the category of the most backward communities. Their main occupation is agriculture under semi-arid conditions and they earn their livelihood as agricultural coolies. High incidences of heinous acts of female foeticide and infanticide and unequal treatment of women in the yester years have prompted the Government to declare the Usilampatti Taluk as a 'Female Infanticide Region'. Against this backdrop, the college has renewed its avowed mission of societal transformation through higher education and affirmative action. It has been empowering young women and men in their academic and career pursuits.

The two earlier assessments by NAAC (National Assessment and Accreditation Council) stand witness to the conscious and continuing efforts of this institution for social and economic transformation in neighbourhood villages. The Peer Team visited the college in August 2001 for the first cycle of assessment and accreditation emphasized the social relevance of the quality parameters of the college and awarded the highest grade **FIVE STAR** on 5th November, 2001. The Peer Team that visited the college from17[th] to 19th March, 2008 for the second cycle of accreditation appreciated the quality sustenance and enhancement measures of the college and awarded **'A' Grade with a CGPA of 3.52** on 28th March, 2008. The recommendations of the Peer Team were carried out. The UGC

Autonomy Review Committee visited the college on 7th and 8th December, 2011 recommended the extension of autonomy till 2017.

The entire college community was involved in the process of review and self-appraisal. The present Self-Study Report (SSR) is the result of the rich experience of working together of the Report Committee at the collection, organization and verification of the data for the period from April 2008 to May 2013.

I whole heartedly thank all the members of the Self Study Report Committee. I appreciate the efforts of  Dr. S. Vanathu Antoni and   Mr. N. Krishnamoorthy for initiating the process of SSR preparation. I very much appreciate the committed work of the Steering Committee Coordinator Dr. T. Salai Parkunan, Dr. M. John Joseph, Dr. J. A. Charles, Dr. I. Jeyaraj and Mrs. P. Jerlin Rupa in completing the task of Self Study Report. I also thank Dr. A. Shanmugaraju, Mr. D. Antony Singh Dhas, Mr. S. Jesurajan,   Mr. P. Veerasamy and Ms. P. Ruby who supported the process in various ways. It is my pleasure to present the SSR to the NAAC for validation and accreditation.

**Fr. Dr. V. XAVIER, S.J.**
**PRINCIPAL**

Arul Anandar College is conscious of its avowed mission of rural social transformation in the neighbourhood villages where a sizeable population struggles to earn its wherewithal from the ever declining agriculture due to unpredictable monsoon. The youth who opt for higher education have a definite purpose of transforming their livelihood systems through absorbing and adopting development-specific knowledge in the pedagogic process. Set against such a backdrop, this college has been sensitive to the changing signs of times to provide the best so as to facilitate the process of development in the target region. The entire academic process is designed to fulfil the emerging needs of the contemporary social and economic reality. Besides, the institutional vision is well aligned with the core values proclaimed by the National Assessment and Accreditation Council (NAAC) viz: a) Contribution to National Development, b) Fostering Global Competencies, c) Inculcation of Value System, d) Promotion of the use of Technology, and e) Quest for Excellence into its academic and administrative performances. The essence of the incremental academic and administrative achievements during the current accreditation period is presented hereunder

Quality consciousness has been the hallmark of the institution since its establishment in 1970. In every cycle of accreditation, the college complies with the constructive recommendations of the peer team of earlier accreditations. In line with the above premise, the college consciously accomplished the recommendation of establishing a computer interfaced duplicating machine in the office of the Controller of Examinations. The laboratory of Physics and Chemistry is expanded with sufficient equipments for promoting effective teaching-learning process. Based on the recommendations of the peer team, the college has provided ramps in all the new buildings constructed in the post accreditation period in order to facilitate easy transit of the differently-abled persons. Besides, UGC supported language laboratory for spoken English is established by the Department of English. The intercom facility has been expanded to all the departments and service units of the college as per the directions of the previous peer team. The postgraduate departments have been given extensive accommodation in the newly constructed Toulose and Arrupe Centenary Blocks. Additional facilities have been made available in the men's hostel and additional building has been constructed to accommodate more women students. To satisfy the growing demands of the people of this locale a few job oriented courses have been started during this cycle of accreditation. B.A. English Literature is perceived by the stakeholders as a job fetching course in the coming years. Besides, an innovative course on Food Science and Technology was also started to open up new job avenues for the rural students. As suggested the college initiated all steps to introduce B.P.Ed.Programme. Since this course falls under the purview of the Tamil Nadu Physical Education and Sports University, Chennai, the Arts and Science colleges cannot include this programme with their regular academic pattern.

Due to this technical difficulty the college dropped the idea of starting this course. However, the college has strengthened the existing B.Sc. Physical Education course and send many of the students to pursue B.P.Ed.

Based on the recommendation of the peer team the college facilitated the Department of Physics to have research collaboration with national laboratory of Baba Atomic Research Centre, Mumbai. Another highlight of institutional collaboration is the organisation of Farmers Training on Seed Production in collaboration with the University of Guelph, Canada and Tamil Nadu Agricultural University, Coimbatore.

# Criterion – I: Curricular Aspects

Arul Anandar College has been making consistent headway in designing its curriculum and developing need-based academic programmes. Constant interaction between the college and the community through extension programmes brought to limelight the aspirations and academic needs of the youth in villages. Accordingly, the college has introduced need-based new academic programmes over the years as presented in the diagram.

The consistent increase in the new academic programmes at undergraduate level over the different cycles of accreditation implies the sensitivity of the college to create avenues for the greater number of students who pass out of the feeder schools from the neighbouring villages. Owing to economic constraints and higher rates of employment seekers from the rural families, the priority for postgraduate studies is not very significant. Hence, the college has suspended two postgraduate programmes during the third cycle of accreditation. However, the existing postgraduate departments moving towards offering Ph.D. programmes indicated an increase during the third cycle of accreditation.
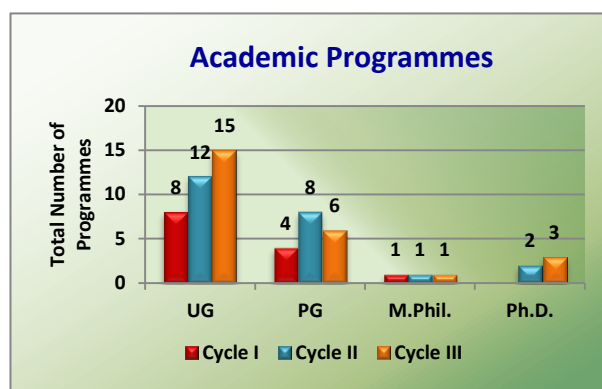


All the programmes follow the Choice Based Credit System (CBCS) in the semester pattern from the academic year 2003-2004. When the Tamil Nadu State Council for Higher Eduaction (TANSCHE) introduced the Choice Based Credit System (CBCS) in all the affiliated colleges in Tamil Nadu in June 2008, Arul Anandar College had already introduced CBCS in the academic year 2003 – 2004 in response to the emergimg global trends.

The new pattern of the CBCS based on the guidelines of the Government of Tamil Nadu was extended to all undergraduate and postgraduate programmes of both Aided and Self- financed streams from the academic year 2008-09. A thoroughly restructured CBCS was implemented in 2012-13.

Academic flexibility under the guiding principles of autonomy has been exercised in designing the new CBCS. While the Government of Tamil Nadu fixed an overall minimum of 140 credits to the undergraduate programmes, the college has added two more credits incorporating Intensive Bridge Course in English during the first semester and ARISE (**AR**ulanandar **I**nitiative for **S**ocial **E**ducation) extension programme during the second year of study.

All these are aimed at increasing the capabilities of the students to meet global competency with communication skills, social responsibility and also to inculcate a sense of value system in the minds of students. The UGC guidelines are adhered to while restructuring the curriculum and the courses are designed in the modular form.

The CBCS enables the students to excel in higher education. The characteristics of the new pattern are: broad based, learner oriented and suited to the abilities of the learners. It enhances their career opportunities. The courses are offered at the interdepartmental level. It also provides scope for earning extra credits and gives greater autonomy to the departments to design innovative courses. Academic flexibility is ensured by the options available in allied papers, skill-based electives and non-major electives under Part IV. Similar options are also available for the students to select Part V programmes according to one's interest and need. As all the departments offer self-learning courses there is scope for the advanced learners to fulfil their aspirations of earning extra credits.

The college has established provisions for average learners and advanced learners. The Differential Streaming System in Part – II General English followed at Arul Anandar College since 1987 identified as one of the best practices by NAAC. Besides, the compulsory component of foundation courses like Personality Development, Bio Ethics, Environmental Studies, Human Rights, etc. add value to the curriculum structure by fulfilling the core value of inculcation of value system in the minds of the students. A paper on computer education is made compulsory for all the students at UG level in order to foster global competencies. Enrichment courses like Career Oriented Certificate (COC) courses are conducted after regular class hours for the students to increase the ambience of employability.

The college has developed a system of receiving feedback from the students, the alumni, the resource persons, the guest faculty, the experts from the industries, the parents and the local community leaders. These inputs are taken into account while designing and restructuring the curriculum. Thus the aspiration for excellence becomes visible in the curriculum design and development.

## Criterion – II: Teaching-Learning and Evaluation

The admission process is guided by the overall Jesuit policy of 'Preferential Option for the Poor'. The college operates inclusiveness in higher education with increased access and equity to the socially disadvantaged communities and women.

It has been ensured by the mandatory inclusion of faculty members representing the socially disadvantaged communities and a woman in the admission committee. The impact of this inclusive policy is observable from the percentage of students who are admitted every year. The student admission has registered a five year average of 38 per cent for SC/ST communities while the De-notified Communities (DNT) and Most Backward Communities (MBC) recorded an overall five year average of 36 per cent for the aided stream. Among the students of self-financed courses the SC/ST registered a five year average of 29 per cent and the DNT/MBC registered 42 per cent during the same period. This goes to prove the fact that the socially disadvantaged communities receive greater percentage of educational opportunities in the college. Opening the portals of the college for the women yielded positive impact in women education in a social environment where incidence of female infanticide was rampant. This reality is observable from the increasing percentage of women admitted during the past academic years.

A greater percentage of students who hail from the neighbouring villages not only belong to socially disadvantaged communities but also to economically poor background and mainly depend on the scholarship provisions of the government and the management. Information on annual family income of the students indicate the fact that majority of the students come from families whose annual family income is less than Rs.25000/-. In this context this college is spearheading its educational mission to uplift the poor and downtrodden in the target villages.
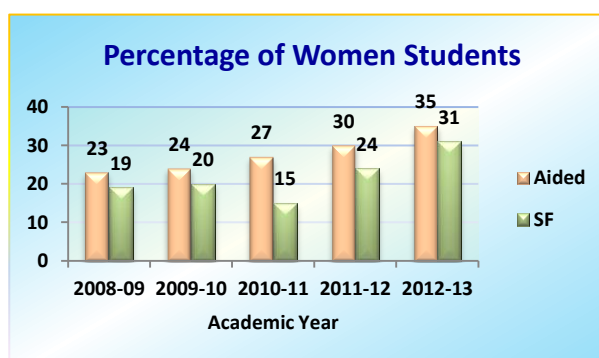
It is a real challenge to facilitate the new learners whose knowledge level is low so much so they are unable to cope with the new learning system at the college environment. Keeping this in mind, the faculty and the management devise ways and means to make them face academic life with courage and confidence. Departments conduct need based remedial programmes for specific subjects to help slow learners.

In addition to the common orientation programme, the Department of English conducts an Entry Behaviour Test (EBT) and a Semester Long Intensive Bridge Course in English with one credit which prepares the students to take up the other courses at ease. Every department has its own method of inducting and orienting the freshers. Remedial programmes, personalized tutorials and mentoring for the slow learners and self-learning courses, mini projects, net surfing, etc. for the advanced learners cater to the diverse needs of the students. Taking the students to observation visits, placing them in industries/organizations, farmer linkage programme, etc. add strength to the training components of the students.

In order to facilitate effective preparation for teaching-learning process all the departments are provided with internet connection. The ICT enabled campus has 13 LCD

fitted halls for enriched learning experience. Learning has become student-centric through seminars, problem solving sessions, power point presentations, net based assignments, group discussions and group assignments, quizzes and mini projects. The students are motivated to prepare their own power point presentation for seminars, net based assignments, use e-learning and open resources and do group assignments.

The well-designed Mentor Care Programme (MCP) gives the students with necessary personal, academic and psycho-social guidance so that their learning becomes hassle free and enriched. Their creativity and scientific temper are nurtured by the variety of activities like the 'Theatre Fest' (Interdepartmental drama competition in English), 'Saral' (Interdepartmental drama competition in Tamil), 'Campus Fest' (Interdepartmental Cultural and Fine Arts Competitions), Departmental Co-curricular Activities, Awareness Campaigns, Science Melas, Exhibitions and Poster Presentations. Student projects and training in the industries provide the learners with opportunities for exercising their creativity.

Quality enhancement of teaching-learning process is juxtaposed with teacher quality. As on March, 2013 the faculty strength of the college was 127 (59 in the aided stream, 61 in the self-financed stream and 7 in the management stream). Consistent upgradation of teacher quality is ensured by the academic system in the college which is quite visible in the diagram.



There is an increase in the percentage of faculty with doctoral degrees over the three cycles of accreditation in the aided stream. The spirit of quality improvement among the faculty of self-financed stream has also gone up over the years.

The trend of faculty with mere minimum qualification during the first cycle of accreditation has been significantly changed and the members with higher qualifications are on the increase. The above observation categorically implies the effort of the institution to provide the best quality education by enhancing the academic qualifications of the faculty.



Even though the state government has not approved the filling up of all the vacancies in the grant-in-aid programmes, the management has recruited and filled in all
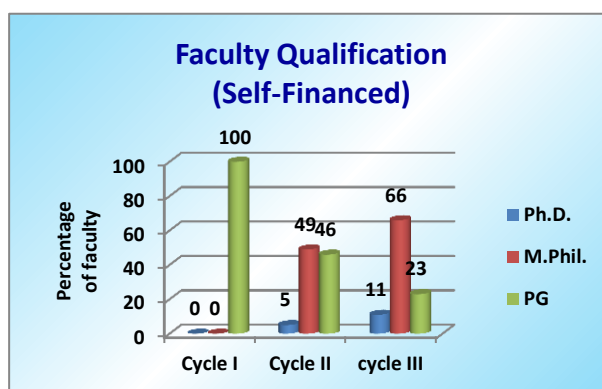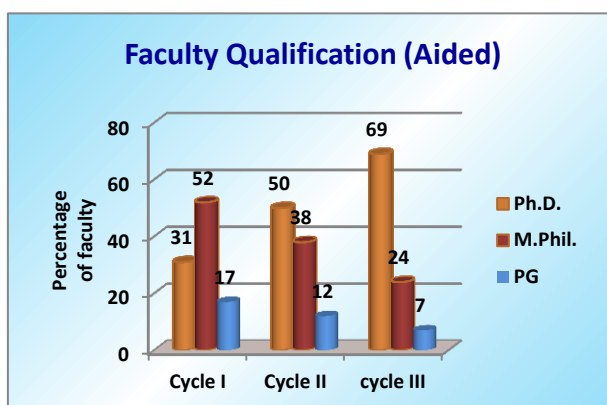
the approved vacancies to impart quality education to the students. Thus, the required teacher-student ratio is maintained for effective teaching learning process. During the assessment period 11 members of the staff have undergone refresher courses and 8 members of the staff have undergone orientation programmes for updating their knowledge.

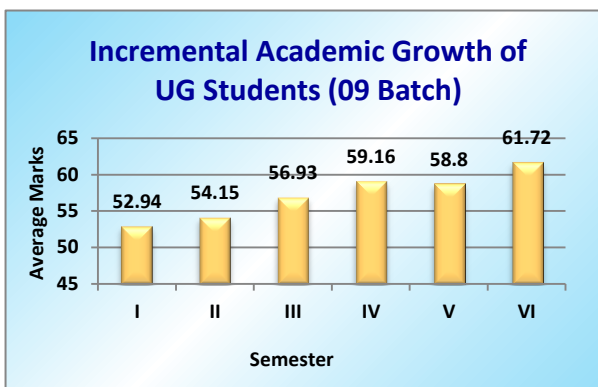The percentage of faculty who were invited and served as resource persons has registered a quantum leap during the current cycle of accreditation indicating the teacher quality. In the second cycle of accreditation the percentage of faculty served as resource persons in workshops/seminar/conferences organised by external professional agencies ranged between 3 and 14 during the five assessment years. In the current cycle of accreditation the range is recorded between 25 and 39 percentage during the five assessment years. The participation of aided faculty in external workshops / seminars / conferences indicated significant escalation from a low 25% during 2009-10 to a high 37% during 2011-12. Similar increasing trend (7% to 24%) is also observed among the faculty in self-financed stream. Faculty participation in the quality enhancement processes has yielded external recognition to the members. For instance, Dr. M. Maria John Kennedy, Associate Professor of Economics was awarded 'Best Economics Teacher in Tamil Nadu' by Malcolm & Elizabeth Adiseshiah Trust, Chennai. Dr. I. Jeyaraj, Assistant Professor of Economics, received 'Achievement Award 2011'for his service in Education and Society from the Samuga Seva Sangam.

The IQAC has conducted the annual induction programme to the newly recruited staff members and organized periodical need based enrichment programmes on various academic themes like Academic Calendar, Academic Audit, Classroom Management, Classroom Communication, Teaching Aptitude and Student-centred Instruction Methods, Question Bank and Item Construction, ICT in Teaching-Learning Process, Research and Consultancy, Multimedia Learning Materials and Power Point Presentation Techniques in order to enable the teachers to adopt innovative and creative methods of teaching and ensure quality in academic delivery.

The evaluation process is made known to the students in the beginning of the academic year. The performance of students and their learning outcomes are evaluated through such methods as Continuous Internal Assessment Tests, Individual and Group Assignments, Net-based Assignments, Seminars, Year-end Oral Comprehensive Examinations, Industrial trainings, Project Work and End Semester Examinations. Pre-examination process includes question setting, scrutiny, time schedules, examination committee meeting and the post valuation process consists of transparency, moderation, declaration of results and review.  Feedback on and review of the results in the Awards Committee serve as input for making necessary examination reforms like Pre–Audit of End Semester Question Papers, Centralized Valuation, Transparency in Valuation and On–line Publication of Results. Transparency and Pre-Audit have shown a positive impact on the system. The entire process of teaching-learning is focussed on improving the knowledge and skills of the students.  Effect of quality academic delivery can be observed from the

incremental academic performance of the students. The sample analysis given below indicates an increasing trend in the semester-wise academic performance of a particular batch of students.

The average marks from first semester to the final semester show an overall increasing trend implying the constant motivation and special attention of the students during their course of study.

**Incremental Academic Growth of UG Students (09 Batch)**

| Semester | Average Marks |
|----------|---------------|
| I | 52.94 |
| II | 54.15 |
| III | 56.93 |
| IV | 59.16 |
| V | 58.8 |
| VI | 61.72 |

## Criterion – III: Research, Consultancy and Extension

The college has created greater ambience to merge teaching and research in the last five years. Many members of the staff are intensely pursuing their research programmes and quite a few have undertaken research projects. Of the 48 doctorate holders, 19 are recognized as Research guides. The Departments of Economics, Physics and Rural Development Science are approved Research Centres. Faculty members from the Departments of History, Philosophy and Physics offer part time research guidance. During the last five years the Department of Economics produced 22 doctoral awardees. Besides, 20 part time and 20 full time research candidates are currently pursuing their doctoral studies in the Department of Economics. Research candidates in other faculties include 10 in the Department of History, 6 in the Department of Philosophy, 6 in the Department of Physics and 12 in the Department of RDS. Yet another venture of the Department of Economics is that it has successfully produced 67 M.Phil. candidates during the last five year period. All these components of quantitative information are scaled-up much above the achievements of the previous accreditations.

During the assessment period, 4 International Seminars and 19 National Conferences were organized with eminent scientists and scholars as resource persons.

Promotion of research in terms of number of research projects and the grants received from funding organisations showed remarkable increase compared to the earlier cycles of accreditation. The number of major research projects has increased from 2 during the second cycle to 9 during the current cycle of accreditation. The total grants received during the three cycles of accreditation are presented in the diagram. The total grants documented here testify a giant leap during the third cycle of accreditation.

**Research Funds Mobilised**

| Cycle | Rupees |
|-------|--------|
| Cycle I | 28000 |
| Cycle II | 1371000 |
| Cycle III | 9157010 |
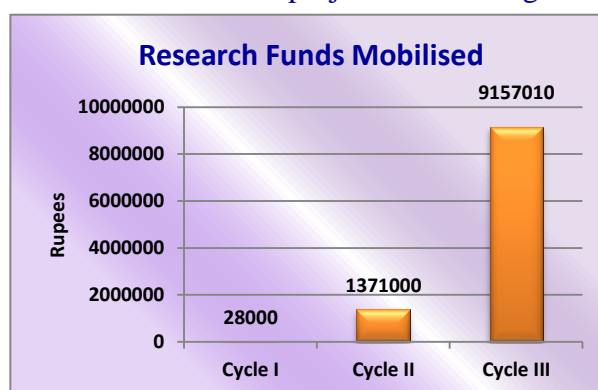
Well-equipped central library and departmental libraries, adequately furnished seminar halls and laboratories with additional facilities are provided by the college to conduct research. The intensity of research is manifested in the density of research publications. The 'SPARKS' (Scientific Praxis and Action Research for Knowledge Society) is the in-house research journal which publishes the research outcome. The faculty publications have made a steady growth right from the first cycle of accreditation.

In addition to International and National level publications, the faculty have brought out a number of articles in the regional publications, conference proceedings, news bulletins, etc. In order to encourage faculty publications the college has instituted cash awards and citation for outstanding publishers.
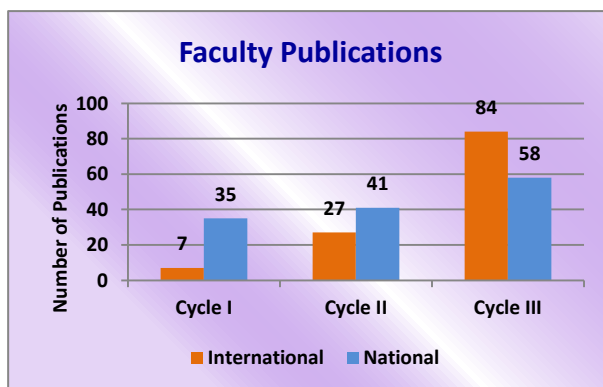


The area of consultancy is steadily gaining momentum as the location of the college provides only limited opportunities to take up industry-centred consultancy services. Yet a number of faculty members offer honorary consultancy to other academic bodies, NGOs, People's Movements and Voluntary agencies. During the assessment period 10 of the staff have served as Expert Consultants in areas like Accreditation, Autonomy, Academic Audit, SPSS, Project Facilitation, Juvenile Justice, Heritage Tourism, Temple Architecture, Ambedkar Studies, Human Rights Education, Environmental Sustainability, Communication Skills, Soft Skills, Personality Development, Domestic Violence and Life Skills.

The college is aware of its institutional and social responsibilities and exercises creatively to immerse itself in the social progress of the neighbourhood. The organic relationship between the college and community has inspired the multipronged outreach and extension activities of the college for community development. The extension activities of the college have received appreciation and approval of all the statutory bodies, government agencies and the local community. Extension wings like ARISE (ARulanandar Initiative for Social Education), ACPR (Arrupe Centre for Policy Research), RADAR (Rural Action Development And Research), CGRG (Computer Course for Rural Girls) and VETEX (VETerinary EXtension), along with the Part V units like the NSS, NCC, YRC and ROTARACT have periodically organized their camps, campaigns, rallies, awareness and action programmes with a clear aspiration for societal and national development.

The sanction of grant (Rs. 15, 00,000) for the establishment of the Centre for Women's Studies in 2009 by the UGC, a first of its kind in a co-educational college is yet another milestone. The Centre with a Woman Director and dedicated staff has made a very significant contribution to the empowerment of women both within and outside the college through women specific activities. The Centre has conducted diverse forms of programmes such as Leadership for Women, Soft Skills Development, Yoga for Physical and Mental Health, Legal Literacy for Self Help Group members, Awareness Programme on Breast

Feeding, etc. to women students, staff and women from the public. In addition to offering a non-major elective, the centre has concentrated its efforts on the empowerment and enrichment of women students through gender sensitizing programmes and creates awareness on the rights of women. This centre has come to impact the local community in a positive manner and to stop female foeticide and infanticide and gender discrimination.

The college has undertaken collaborative efforts in academic, research, training and extension. There are three MoUs with International Organisations like University of Namur, Belgium, Mapua University, Philippines, and Projects Abroad, Madurai. Besides, our college has also organised programmes in collaboration with Sulabh International, New Delhi and the Manitha Neyam Academy, Chennai.

## Criterion – IV: Infrastructure and Learning Resources

The 32 acre college campus wears an enhanced look with a newly constructed entrance gate and compound walls. The sylvan surroundings, increase of the green cover with more trees and the wafting fresh air add a charm to campus life. After the second cycle of accreditation the roads were asphalted and hedged around with cement blocks. The administrative block and the seminar hall have been refurbished with granites. Arrupe Centenary Block, Expanded Laboratories and Equipment, The Michael Raj Teacher Stadium with the Gym and Logistics Centre, Baby Day Care Centre, Renovated Universal Prayer House, Kiosk, Grotto, Indian Overseas Bank with ATM, a Three Dimensional College Legend, The Multipurpose Indoor Stadium, Re-laid Basketball Court, Overhead water tank, Mineral water plant, Construction of a Multi-functional Farm Centre with dairy, poultry, piggery and mushroom sheds, Installation of a Biogas plant from human waste, Completely renewed hostel mess hall with new furniture, Extra Buildings for the Women's Hostel, Healthy Cooking Infrastructure in the Hostels, Provision of Internet Connectivity to the whole campus, Additional Toilet Facilities, Public Address System, Three phase power supply, Genset, Solar and Wind power units are some of the physical facilities added to the campus during the current assessment period.

The college has separate hostel facilities for girls and boys. 274 girls and 629 boys reside in the hostels. Away from home, the hostels cater to the integral formation of the inmates through a well-formulated programme supervised by the Director, the Deputy Director and the Assistant Directors. Ample facilities for their intellectual, emotional, social, cultural and skill development programmes like driving, typing, spoken English, music, dance and yoga are provided in the hostel. The college is maintaining a health centre on the campus with a trained part-time nurse.

Library as a learning resource has received a lot of attention. Automation, augmentation of the infrastructure, provision of sufficient



Books in Library
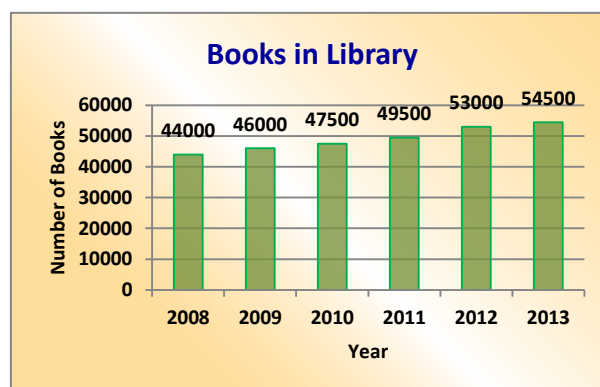
funds for the purchase of books (Rs.36,47,894/-) and journals (Rs.2,86,413/-), electronic management have enriched the learning and research experience of the students, scholars and the staff. As due attention is paid to build up the stack the library constantly adds new volumes of books on various topics.

IT infrastructure on the campus has been strengthened with manifold facilities of internet and LAN to all the departments and offices. The total number of computer systems is 313 with various configurations and all the departments and offices are connected to internet through LAN. 13 LCD fitted class rooms are available.

All the departments have laptop, desktop and net connection to make learning highly computer aided. Constant service and maintenance of the IT facilities are given by a dedicated team of technical personnel.

Maintenance of the campus is under the supervision of the campus treasurer who is the ex-officio Estate Officer. Addition of equipments and facilities in the laboratories has helped effective academic delivery during the last five years.

## Criterion – V: Student Support and Progression

Creation of a caring and compassionate campus for joyful learning and happy living has seized the imagination of the management and the faculty. As the college is home for both girls and boys from the economically lower strata of society, every effort is taken to infuse self-esteem and confidence in them. Student mentoring and support services are priority areas of the college. The Mentor Care Programme (MCP) operates with a Director and a team of student counsellors. Besides, every member of the staff serves as mentor for a group of 20 students assigned by the department coordinator. Every semester the mentees meet their mentors during the prescribed hours along with their data file for personal, emotional, academic and career guidance. As a result of this engagement, there is enlightened awareness and emotional maturity among the students about gender sensitivity and academic excellence. Students with specific problems are referred to the counsellors for further follow-up assistance. A total 1274 students (906 boys and 368 girls) have been counselled during the assessment period. On account of the accompaniment of the staff and management with the students, all grievances are redressed through dialogues. Disciplinary measures have been implemented through appropriate procedural mechanisms but always in a humane way.

Student welfare measures and scholarships for the deserving students have received continuous attention of the Principal and the administrative team. The number and quantum of scholarships for the needy students speak volumes of the institutional efforts at mobilizing resources for the upliftment of the weaker sections. Poor students who come from remote rural families go without lunch many a time. Needy students are identified and are provided with free lunch. During the academic years 2008-2013 a total of Rs. 8,92,411/-was disbursed in the form of various scholarships for items like providing free lunch, Mess fee for deserving hostel students, deserving differently-abled students, and

other poor students. In addition to this, the Teachers Organisation (MUTA) has disbursed Rs. 14,000/- and Arul Anandar College Alumni Association has disbursed Rs. 1,48,500/- for deserving students spread over all the academic departments.

As upward social mobility and employment are the primary concerns of the wards, only a few opt for higher education. Many of those who pass out prefer to take up some form of employment soon after their studies. Girls want to become teachers with an educational degree after the completion of their courses. The most preferred career choice of the boys is uniformed services as they have good physical prowess. The target of all institutional efforts is the overall and holistic personal and professional development of every student with a value system. The college pays a great deal of attention to inculcate personal, social and national values through co-curricular, extra-curricular and sports activities. The students have responded well to live up to the expectations by excelling in leadership, team work, accountability, transparency and fair play. The awards, honours, medals, trophies, laurels, prizes, certificates and citations brought home by them have made a clear statement and signature of student excellence.

Student achievements in sports and games have been remarkable. Our teams in Ball Badminton, Basket Ball, Hockey, Football, Volleyball, Weight Lifting, Swimming and Chess have won 7 State level positions, 8 District level places and 44 University level ranks in the last five years. Our Hockey team has been winner throughout. Every year the Physical Education Department organizes Fr. Montaud, S.J., Memorial State Level Inter-Collegiate Hockey Tournament for Men and Women and Fr. Prince, S.J., Memorial State Level Inter-Collegiate Football Tournament for Men and Women. The college was the Local Convenor and hosted the Madurai Kamaraj University 'C' Zone Handball and Hockey tournaments in 2009-2010 and the MKU 'C' Zone Football and Hockey tournaments for 2010-11 and 2011-12.

Student participation in National Service Scheme (NSS) has shown a spectacular leap from 378 in 2008-09 to 875 in 2013 with six units. The programmes are mainly development oriented in nature and are designed in such a way that they promote a sense of social concern and leadership qualities among the students. Apart from the regular stipulated one day and seven day camps, social awareness programmes (5), medical camps (2) and rallies (4) were organised. Five students have won the University level Best Volunteer awards, two in 2008-09, two in 2009-10 and one in 2011-12. Two members of the staff, Dr.S.Arul Prasad and Mr. Andrew Kennedy have won the University level Best Programme Officer Award in 2008. Four of our NSS student volunteers participated in four National level events during the assessment period. The NSS Units of the college serve as the ardent promoters of college-community linkage.

The National Cadet Corps (NCC) cadets, both boys and girls registered their presence by achieving entry into the Republic Day parade, selection in national level special camps and trekking expedition. Apart from regular parades, committed involvement and rigorous training not only motivated our cadets but also encouraged them to bring

many laurels to the College during the last five year period. Cadet Ms.D.Madeline Bapestha, II RDS, was the only Cadet from 14 TN Battalion who attended the Republic Day Camp in New Delhi and had the privilege of taking part in the Republic Day treat with the President of India, in Rashtrapathy Bhavan, New Delhi (2008-2009). 17 Cadets (2008-13) attended the National Integration Camps at various places. Cadet K.Raja (II B.Sc. Mathematics) was one of the two selected from Tamil Nadu for the Nehru Institute of Mountaineering in Uttarakand, (2010-11) and in Bharatakhunta (2011-12). Highest pass percentage in 'B' and 'C' certificate examinations was achieved thrice during 2008-09, 2009-10 and 2011-12. The Award of Tamil Nadu Scholarship for outstanding NCC Cadets for the year 2009-2010, the Best Cadet Award for K.Raja of II B.Sc. Mathematics and Cadet F.Antony LevilInigo of II BSc Physics and Cadet K.Priyanka of II B.Sc. Physical Education in 2011-2012 are a few programme highlights. Besides, P.Suganya, G.Kabin Antony, S.Ashok, F.Antony LevilInigo, K.Raja, S.Bhuvaneshwari, K.Priyanka were awarded a sum of Rs.2000/- each as NCC scholarships on 22.03.2012.

Seven of our illustrious cadets joined the Indian Army during 2010-12. A sense of nationalism and patriotism has been the outcome of such student participation.

The Youth Red Cross (YRC) trains and involves around 150 students every year in health related programmes. First Aid Training, Golden Hour of Life Saving Mission, Blood Donation, AIDS Awareness Programme, Awareness on organ donation in Madurai and Camp at Mercy Home were some of the important activities carried out during the third cycle of assessment.

The ROTARACT unit of the College has done excellent service to the community. In appreciation of its various activities, the Rotary Club of Madurai North West donated an incinerator to the Women's Hostel. "Know Thyself and Memory Skills", One day leadership programme, International Documentary and short film Festival for School students, "Helmet Awareness" through pamphlets and signature campaigns, Spoken English classes for the students of self-funded courses, Polio drops campaign, three ENT Camps for school students, Blood test camp for 10th and Plus one students, Literacy programme for school students, Tree planting at Madurai Crematorium, Health and Hygiene campaign at Pullaneri village, Blood Donation Awareness Rally at Gandhi Museum, Madurai, My Madurai Project Rally on Road Safety and One-day Eye Camp for primary school children were some of the activities of the unit. These programmes have manifested the social concern and the institutional social responsibilities.

The Placement Cell trains and prepares the students for employment. During the assessment period 337 students have been placed in various companies besides the many opted for the uniformed services. A few alumni have gone abroad. The placement cell has facilitated the students to get jobs in a number of local companies. The UG students of RDS get placed by the Suguna Broilers and other companies.

# Criterion – VI: Governance, Leadership and Management

The institutional vision and leadership gain visibility through an open and transparent style of functioning. Efforts have been put in place to make this college an abode of shared learning, shared responsibilities and shared action. Democratization and decentralization of academic and administrative functions with adequate accountability is practiced at all levels. Academic freedom and decentralization ensure that the department and unit heads and the teachers design, develop and implement appropriate course structures and methodologies and delivery mechanisms for teaching and evaluation. Administrative responsibilities are shared and shouldered by the Rector, the Secretary, the Principal, the Treasurer cum Estate Officer, the Deputy Principal, the four Vice-Principals, the Dean-Academic, the Dean-Students, the Dean-Women Students, the Controller of Examinations, the IQAC Coordinator, the Heads of the Departments, the Physical Director, the Director-Centre for Women's Studies, the Convenor-Research and Project Cell, the Campus Minister, the Director-Mentor Care, the Student Counsellors, the Public Relations Officer, the Director-Alumni, the Director-Hostels, the Placement Officer, Part V and Extension Coordinators. The Office administration is effectively supervised by the office Superintendent.

Strategy development and deployment is formulated by the Governing Body of the college and implemented by the executive board of management. The Principal as the academic head of the institution is further empowered to execute the plans and policies. Appropriate Planning mechanisms, allocation of portfolios, job description, regular conduct of various committee meetings, monitoring the implementation of the policies and programmes and reviews are personally supervised by the Principal.

The institution has paid much attention to the improvement of the academic enrichment of the faculty. Periodic need based staff development, training and enrichment courses on the emerging knowledge domains and on topics like Teaching Methodologies, Academic Planning, Effective Class Room Management and Communication Skills, Evaluation Techniques, Item Writing, Question Bank, Use of ICT and other similar programmes were organized during the third cycle. In the last five years the departments have conducted 4 International Seminars and 19 National Conferences. All these were done as a regular feature to sustain academic excellence of the faculty and to enhance the various quality dimensions of the institution.

The financial vibrancy and viability of the college has been made possible through annual budgetary planning, resource mobilization, allocation of funds, monitoring of the expenditure, auditing and presentation of the audited statement of accounts.

With Rs.3,00,00,000/- as corpus fund, the Treasurer's office meticulously manages all the financial aspects of the college. While the aided stream receives the autonomous grants from the UGC in addition to the salary from the state government, the self- financed programmes are managed from the fees collection.

The IQAC as a non-hierarchical think-tank and nerve centre of institutional excellence has played a sterling role by developing quality parameters for assuring, sustaining and enhancing academic and administrative evolution, expansion and excellence. It functions as a catalyst in the promotion of quality in every aspect of campus life. It has conducted two national level programmes with a seminar on 'Quality Assurance Systems and Curriculum Development' (2009) and a colloquium on 'Best Practices for IQAC Coordinators in Higher Educational Institutions' (2012), and '8 Staff Development Programmes'. Further it has created a sense of institutional excellence among the stakeholders of the college. As a catalyst and motivator, the IQAC strives hard to position the college in the public domain as the institutional statement maker.

The process of feedback on teachers is conducted regularly in a scientific and comprehensive manner. This is a significant quality measure introduced by the college. Besides, IQAC has submitted to NAAC the Annual Quality Assurance Report (AQAR) for every academic year of current assessment period.

## Criterion – VII: Innovations and Best Practices

The college community derives its inspiration and aspiration for environmental awareness not only from the Supreme Court directive but also from the guidelines of the Jesuit educational vision and mission. There have been conscious and continuous efforts at incorporating environmental concern into the institutional vision and curriculum. Green audit, use of non-conventional forms of energy, rain harvesting, increase of green cover on and off the campus, planting of saplings, awareness campaigns and rallies are some of the initiatives of the college.

### INNOVATIONS

1. Electronic voting for student elections and leadership training for the elected student secretaries and representatives bestow character values on the students.
2. Intensified coaching in English is conducted during the entire first semester for the first year undergraduates with one credit.
3. Formation of regional alumnae chapters is done at strategic regions. The alumnae revisit the college to relive their memories and contribute their mite to sponsor and promote academic, cultural and sports activities
4. Hundred per cent participation of the parents in the department-wise and year-wise Parents-Teachers meetings is ensured
5. Comprehensive oral examination at the end of every academic year and transparency of answer sheets to I year students have been introduced.
6. Coaching classes for entry into IAS / IPS in collaboration with Manithaneyam IAS Academy, Chennai, are conducted on our campus.
7. Weekly student-centric 'SPEAKPARK' for enhancing communication skills in English and Tamil, Annual inter-departmental Theatre fest in English and Tamil for theatrical skills and Campus fest for other fine arts increase the happiness index of the campus.

8. Departmental Faculty Seminars serve as forum for the staff to present research outputs.
9. Departmental Research Scholars' Forum is another effort at creating a vibrant research ambience.
10. The college is on its path to achieve 100% research literacy. SPARKS (Scientific Praxis and Action Research for Knowledge Society), the institutional research journal is to be the forum for the publication of the research findings

## BEST PRACTICES

1. Remedial classes are organized to help the slow learners to pass in their academic programmes.
2. Preparation of power point units and creation of interactive classes along with the use of learning resources like the library and internet in an IT enabled campus makes learning pleasant and interesting.
3. Special attention is paid to mentor care and student counselling in the context of gender relationships. Through constant mentoring and vigilant monitoring, the college nurtures the students to bloom into holistic persons.
4. The second year and the third year students are identified and encouraged to register and undergo placement training.
5. Industrial visits and tie-ups with manufacturers are arranged to expose the students during the semester vacation to develop their entrepreneurial skills.
6. Greater attention is paid to Training in soft skills and career guidance and preparation for uniformed services has become a focused area.
7. Teachers are motivated to become inspirational role models and are involved in the student progression to higher levels of excellence, enhancement and employability.
8. Regular conduct of refresher and need based staff development programmes for the staff members are undertaken.
9. International students visit the campus for a month long study programme.
10. Teacher assessment by the students is carried out once in three years.
11. A comprehensive extension programme with the following components VETEX, RADAR, ACPR, ARISE and CCRG has revitalized the college-community engagement.
12. Maintenance of Clean and Green campus with a Bio-Gas Plant from Human Waste in the hostel makes a narration for environmental awareness.
13. Special focus is given to the formation of the hostel inmates in academics, cultural and sports activities.
14. Administration is decentralized to ensure greater participation and better governance.
15. The campus has grown into a vibrant institutional gender equity abode.
16. Solar and wind power to light up class rooms is maintained in a run up to 100% solar power campus.
17. Special coaching classes for the SC/ST students have become an empowerment tool.

18. Liberal financial assistance by the management for the needy students reduces the dropout rate.
19. Research projects from various funding agencies have revitalized the knowledge creation and management.
20. Resource sharing and academic consultancy have gained visibility and public positioning of the college.

## SWOC ANALYSIS

### STRENGTHS

1. Availability of a vast campus and infrastructure for future expansion and development.
2. Students with discipline and rural value orientation.
3. Dedicated and qualified faculty to enhance learning and research atmosphere.
4. A proactive management to start innovative and relevant academic programmes.
5. A strong and involved commitment to College-Community Linkage.
6. Support and participation of the local civic bodies in the campus life.
7. Multi-faceted extension programmes.

### WEAKNESSES

1. Locational constraints of the college in terms of sustained drought, migration of people, etc are not conducive for starting technical and job-oriented courses
2. Dependence on the public transport reduces the duration of student presence.
3. Lack of adequate entrepreneurship and skill development programmes
4. Insufficient participation of placement agencies for campus recruitment
5. Absence of academically endowed and talented students from the feeder schools of the surrounding villages

### OPPORTUNITIES

1. To initiate skill-based entrepreneurship activities towards employability.
2. To develop industry-academia partnerships for training and employment.
3. To promote inter-disciplinary and multi-disciplinary research
4. To foster interest and talent based student clubs and quality circles.

### CHALLENGES

1. Ensuring zero failure and higher pass percentage of the rural student community.
2. Achieving higher order thinking and skill sets necessary for competitive examinations.
3. Convincing prospective employers for campus selection and placement.
4. Tapping the benefits of tie-ups and MoUs with industry and institutes of repute removing their geographical prejudice
5. Public positioning of the college as a social agent and institute of excellence.

To conclude, despite the limitations and constraints, the college has taken all possible steps to provide quality education to the aspiring rural youth. With a clear focus on the empowerment and enrichment of the students for their upward mobility, economic welfare and quality of life, the institution strives hard to contribute its mite to societal transformation. Self-appraisal of all the activities comparatively over the different cycles of accreditation indicated the fact that the college moves towards the stated vision and mission.

1. **Name and Address of the College:**

| | |
|---|---|
| Name | Arul Anandar College (Autonomous) |
| Addresss | Karumathur |
| City | Madurai – 625 514 |
| State | Tamil Nadu |
| Website | www.aactni.edu.in |

2. **For Communication:**

| Designation | Name | Telephone with STD Code | Mobile | Fax | Email |
|---|---|---|---|---|---|
| Principal | Fr.Dr.V.Xavier, S.J. | O: 04549-287208 R: 04549-287221 | 94447 61101 | 04549-287208 | principal_aac @yahoo.com |
| Vice Principal | Fr. U.Godwin Rufus, S.J. | O: 04549-287221 R: 04549-287221 | 9486379272 | 04549-287208 | ugrufus @yahoo.co.uk |
| STEERING COMMITTEE | | | | | |
| Coordinator | Dr.T.Salai Parkunan | O: 04549-287221 R: 0452-2458537 | 9442027323 | 04549-287208 | parkunan @yahoo.com |
| Assistant Coordinator | Dr.J.A.Charles | O: 04549-287221 | 9443856262 | 04549-287208 | jacnpc @ yahoo.com |

3. Status of the Autonomous College by Management
   - i. Government  ☒
   - ii. Private  ☑
   - iii. Constituent  College of the University  ☒

4. Name of University to which the College is Affiliated

   Madurai Kamaraj University, Madurai.

5. a. Date of establishment, prior to the grant of 'Autonomy'  25/06/1970
   b. Date of grant of 'Autonomy' to the College by UGC  18/06/1987

6. Type of Institution
   - a. By Gender
     - i. For Men  ☒
     - ii. For Women  ☒
     - iii. Co-education  ☑
   - b. By shift
     - i. Regular  ☑
     - ii. Day  ☑
   - c. Source of funding
     - i. Government  ☒
     - ii. Grant-in-aid  ☑

|     |      | iii. Self-financing | ☑ |
|-----|------|---------------------|---|
|     |      | iv. Any other (Please Specify) | The Society of Arul Anandar |

7. Is it a recognized minority institution?

| Yes | ☑ |
|-----|---|
| No | ☒ |

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence. — Religious (Enclosed)

8. a. Details of UGC Recognition

| Under Section | Date, Month & Year (dd-mm-yyyy) | Remarks (If any) |
|---------------|--------------------------------|------------------|
| i.   2 (f) | 01-10-1972 | As per UGC release |
| ii.  12 (B) | 01-10-1972 | As per UGC release |

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act) - (Enclosed)

b. Details of recognition/approval by statutory/regulatory bodies UGC (AICTE, NCTE, MCI, DCI, PCI, RCI, etc.) other than

| Under Section/clause | Day, Month and Year (dd-mm-yyyy) | Validity | Programme / Institution | Remarks |
|----------------------|----------------------------------|----------|-------------------------|---------|
| i. AICTE | 19-03-2013 | 2013-2014 | MCA | Renewed Every Year |

(Enclose the Certificate of recognition/approval)          (Enclosed)

9. Has the College been recognized

   a. By UGC as a 'College with Potential for Excellence' (CPE)?

| Yes | ☒ |
|-----|---|
| No | ☑ |

If yes, date of recognition: …………………… (dd/mm/yyyy)

   b. For its contributions/performance by any other governmental agency?

| Yes | ☒ |
|-----|---|
| No | ☑ |

If yes, Name of the agency …………………… and
Date of recognition: …………………… (dd/mm/yyyy)

10. Location of the campus and area:

| Location * | Rural, Karumathur |
|------------|-------------------|
| Campus area in sq. mts or acres | 1.51,635.71 sq. mts. (37.47 acres) |
| Built up area in sq. mts. | 15,919.08 sq. mts. |

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Does the College have the following facilities on the campus (Tick the available facility)? In case the College has an agreement with other agencies in using such

facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex ☑
- Sports Facilities
    - Play Ground ☑
    - Swimming Pool ☒
    - Gymnasium ☑
- Hostel
    - Boys' Hostel ☑
    - Girls' Hostel ☑
- Residential Facilities
    - For teaching staff ☒
    - For non-teaching staff ☒
- Cafeteria ☑
- Health Centre
    - First aid Facility ☑
    - Inpatient Facility ☒
    - Outpatient Facility ☒
    - Ambulance Facility ☒
    - Emergency Care Facility ☒
- Health Centre Staff
    - Qualified Doctor    Full time    ☒    Part-time    ☒
    - Qualified Nurse    Full time    ☒    Part-time    ☑
- Other Facilities
    - Bank ☑
    - ATM ☑
    - Post Office ☒
    - Book Shops ☒
- Transport Facilities
    - For Students ☒
    - For Staff ☒
- Power House ☑
- Waste Management Facility ☑

## 12. Details of programmes offered by the institution: (Give data for current academic year) 2012 – 2013

| Sl. No. | Programme Level | Name of the Programme/ Course | Duration | Entry Qualification | Medium of instruction | Sanctioned/approved Student intake | No. of students admitted |
|---|---|---|---|---|---|---|---|
| 1. | UG (Aided) (7) | B.A. History | 3 Yrs. | H.Sc. | English | 60 | 36 |
| | | B.A. Economics | | | | 60 | 64 |
| | | B.A. Philosophy | | | | 60 | 26 |
| | | B.Sc. Mathematics | | | | 60 | 60 |
| | | B.Sc. Physics | | | | 40 | 47 |
| | | B.Sc. Chemistry | | | | 40 | 51 |
| | | B.Sc. Rural Development Science | | | | 60 | 62 |
| 2. | UG(Innovative Programme) (1) | B.Sc. Food Science and Technology | 3 Yrs | H.Sc. | English | 40 | 26 |
| 3. | UG (Self-Financed) (7) | B.A. English Literature | 3 Yrs. | H.Sc. | English | 60 + *60 | 142 |
| | | B.B.A. | | | | 60 | 74 |
| | | B.Sc. Mathematics | | | | 60 | 45 |
| | | B.Sc. Physical Education | | | | 60 | 66 |
| | | B.Sc. IT & M | | | | 40 | 50 |
| | | B.Sc. Computer Science | | | | 40 | 51 |
| | | B.Com. Commerce with CA | | | | 60 + *40 | 141 |
| 4. | PG (Aided) (3) | M.A. Economics | 2 Yrs. | B.A. | English | 36 | 19 |
| | | M.A. Philosophy | | B.A. | | 36 | 08 |
| | | M.Sc. Rural Development Science | | B.Sc. | | 25 | 04 |
| | PG(Self- Financed) (2) | M.Sc. Mathematics | 2 Yrs | B.Sc. Mathematics | English | 36 | 34 |
| | | M.Sc. Physics | | B.Sc. Physics | | 25 | 24 |
| 5 | Professional Course(Self-Financed) (1) | MCA | 3 Yrs | Any Degree with Mathematics | English | 30 | 17 |
| 6. | M.Phil.(Self-Financed)(1) | Economics | I Yr. | M.A. | English | 6 | 9 |
| 7. | Ph.D. | Economics | 3 Yrs. / 2 Yrs. | M.A./ M.Phil. | English | 44 | 25 |
| | | Physics | | M.Sc./M.Phil. | | 24 | 6 |
| | | Rural Development Science | | M.Sc./ M.Phil. | | 20 | 4 |
| 8. | Career Oriented Certificate Courses (UGC Funded) | Tourism and Hospitality | 1 Yr. | H.Sc. | English | 60 | 43 |
| | | Marketing Management | | | | 60 | 42 |
| | | Foreign Trade | | | | 60 | 48 |
| | | Clinical Nutrition and Lab. Technology | | | | 40 | 27 |
| | | Commercial Horticulture | | | | 40 | 74 |
| | | NGO Management | | | | 40 | 63 |
| *Additional Section | | | | | | | |

13. Does the institution offer self-financed Programmes?

|  | |
|---|---|
| Yes | ☑ |
| No | ☒ |
| If yes, how many? | 11 |

14. Whether new programmes have been introduced during the last five years?

|  | |
|---|---|
| Yes | ☑ |
| No | ☒ |
| If Yes | 2 |

15. List the departments: (Do not list facilities like Library, Physical Education as departments unless these are teaching departments and offer programmes to students)

| Particulars | Number | Number of Students |
|---|---|---|
| Science | | |
| Under Graduate | 4 | 598 |
| Post Graduate | 1 | 9 |
| Research centre(s) | 1 | *PT - 10 |
| Arts | | |
| Under Graduate | 3 | 278 |
| Post Graduate | 2 | 53 |
| Research centre(s) | 1 | *FT – 20, *PT – 20 |
| Food Science and Technology (Innovative Programme) | | |
| Under Graduate | 1 | 26 |
| Post Graduate | Nil | Nil |
| Research centre(s) | Nil | Nil |
| Arts (SF) | | |
| Under Graduate | 2 | 401 |
| Post Graduate& M.Phil. | 1 | 9 |
| Research centre(s) | Nil | Nil |
| Science(SF) | | |
| Under Graduate | 4 | 514 |
| Post Graduate | 2 | 84 |
| Research centre(s) | Nil | Nil |
| Commerce (SF) | | |
| Under Graduate | 1 | 331 |
| Post Graduate | Nil | Nil |
| Research centre(s) | Nil | Nil |
| Professional (SF) | | |
| Post Graduate | 1 | 49 |
| *FT – Full Time Ph.D. scholars | *PT – Part Time Ph.D. scholars | |

16. Are there any UG and/or PG programmes offered by the College, which are not covered under Autonomous status of UGC? Give details

Yes ☒

No ☑

17. Number of Programmes offered under (Programme means a degree course like B.A., M.A., B.Sc., M.Sc., B.Com., etc.,)
    a. Annual System           Certificate Courses
    b. Semester System        All UG, PG & M.Phil.
    c. Trimester System         ---

18. Number of Programmes with
    a. Choice Based Credit System     All UG and PG
    b. Inter/Multidisciplinary Approach     4
    c. Any Other (Specify)     Nil

19. Unit Cost of Education (As of 2012 – 2013)
    (Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

    Including the Salary Component     Rs.38, 105
    Excluding the Salary Component     Rs.09, 274

20. Does the College have a department of Teacher Education offering NCTE recognized Degree programmes in Education?

    Yes ☒

    No ☑

    If yes,
    How many years of standing does the department have?
    ……… years

    NCTE recognition details (if applicable)
    Notification No.: …………………………………
    Date: ……………………………. (dd/mm/yyyy)

    Is the department opting for assessment and accreditation separately?

    Yes

    No

21. Does the College have a teaching department of Physical Education offering NCTE? recognized degree programmes in Physical Education?

    Yes ☒

    No ☑

    If yes,

How many years of standing does the department have?
……… years

NCTE recognition details (if applicable)
Notification No.: …………………………………
Date: …………………………… (dd/mm/yyyy)

Is the department opting for assessment and accreditation separately?

Yes

No

22. Whether the College is offering professional programme?

Yes ☑

No ☒

If yes, please enclose approval/recognition details issued by the statutory body governing the programme.　　　　　(Enclosed)

23. Has the College been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.
　　YES.
　1. NAAC
　2. Autonomy Review Committee　　　　　(Enclosed)

24. Number of teaching and non-teaching positions in the College **(2012 – 2013)**

### AIDED　PROGRAMMES

| Positions | Teaching Faculty | | | | | | Non- Teaching Staff | | Technical Staff | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Professor | | Associate Professor | | Assistant Professor | | | | | |
| | *M | *F | *M | *F | *M | *F | *M | *F | *M | *F |
| Sanctioned by the UGC / University / State Government | - | | 31 | | 33 | | 29 | | 4 | |
| *Recruited* | - | | 31 | - | 22 | 6 | 12 | 1 | 3 | 1 |
| *Yet to recruit* | - | | - | | 5 | | 16 | | - | |
| Sanctioned by the Management/Society or other authorized bodies | - | - | - | - | 7 | | 24 | | 5 | - |
| *Recruited* | | | | | 5 | 2 | 15 | 9 | 5 | |
| *Yet to recruit* | - | | | | | | | | | |

*M-Male  *F-Female

## INNOVATIVE AND SELF-FINANCED PROGRAMMES

| Positions | Teaching Faculty | | | | | | Non-Teaching Staff | | Technical Staff | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Professor | | Associate Professor | | Assistant Professor | | | | | |
| | *M | *F | *M | *F | *M | *F | *M | *F | *M | *F |
| Sanctioned by the  UGC / University / State Government | - | | - | | - | | - | | - | |
| Recruited | - | | | | | | - | | - | |
| Yet to recruit | - | | | | | | - | | - | |
| Sanctioned by the Management/Society or other authorized bodies | - | | | 61 | | | 7 | | 4 | |
| Recruited | - | | 28 | 33 | | | 5 | 2 | 4 | |
| Yet to recruit | - | | | | | | | | | |

*M-Male  *F-Female

25.  Qualifications of the teaching staff – As of 2012 – 2013

## AIDED PROGRAMME

| Highest Qualification | Professor | | Associate Professor | | Assistant Professor | | Total |
|---|---|---|---|---|---|---|---|
| | Male | Female | Male | Female | Male | Female | |
| PERMANENT TEACHERS | | | | | | | |
| D.Sc./D.Litt. | - | | | | | | |
| Ph.D. | - | | 27 | - | 11 | 3 | 41 |
| M.Phil. | - | | 3 | - | 8 | 3 | 14 |
| PG | - | | 1 | - | 3 | - | 4 |
| TEMPORARY TEACHERS | | | | | | | |
| Ph.D. | - | | | | | | |
| M.Phil. | - | | | | 3 | 1 | 4 |
| PG | - | | | | 2 | 1 | 3 |
| PART-TIME TEACHERS | | | | | | | |
| Ph.D. | - | | | | | | |
| M.Phil. | - | | | | | | |
| PG | - | | | | | | |

## INNOVATIVE AND SELF- FINANCED PROGRAMMES

| Highest Qualification | Professor | | Associate Professor | | Assistant Professor | | Total |
|---|---|---|---|---|---|---|---|
| | Male | Female | Male | Female | Male | Female | |
| PERMANENT TEACHERS | | | | | | | |
| D.Sc./D.Litt. | - | | | | | | |
| Ph.D. | - | | | | 3 | 4 | 7 |
| M.Phil. | - | | | | 18 | 22 | 40 |
| PG | - | | | | 7 | 7 | 14 |
| TEMPORARY TEACHERS | | | | | | | |
| Ph.D. | - | | | | | | |
| M.Phil. | - | | | | | | |
| PG | - | | | | | | |
| PART-TIME TEACHERS | | | | | | | |
| Ph.D. | - | | | | | | |
| M.Phil. | - | | | | | | |
| PG | - | | | | | | |

26. Number of Visiting Faculty/ Guest Faculty engaged by the College.　　　**2**

27. Students enrolled in the College during the current academic year, with the following details:  2012 – 2013

| Students | UG | | PG | | M.Phil. | | Ph.D. | |
|---|---|---|---|---|---|---|---|---|
| | M | F | M | F | M | F | M | F |
| From the state where the College is Located | 1456 | 615 | 125 | 68 | 8 | 1 | 13 | 7 |
| From other States of India | 71 | - | 2 | - | - | - | - | - |
| NRI Students | - | | | | | | | |
| Foreign Students | 6 | - | - | - | - | - | - | - |
| Total | 1533 | 615 | 127 | 68 | 8 | 1 | 13 | 7 |

*M-Male  F-Female

28. Dropout rate in UG and PG (average for the last two batches)
    UG: 2009 – Batch and 2010 – Batch　　PG: 2010 – Batch and 2011 – Batch

　　　　　　UG  18　　　　　　　　　　　　PG  15

29. Number of working days during the last academic year　　　　　　180

30. Number of teaching days during the last academic year　　　　　　180

31. Is the College registered as a study centre for offering distance education programmes for any University?

　　　　　　　　　　　　　　　　　　　　Yes　　　☒

　　　　　　　　　　　　　　　　　　　　No　　　☑

If yes, provide the

a. Name of the University

Is it recognized by the Distance Education Council?

Yes ☐            No ☐

Indicate the number of programmes offered

32. Provide Teacher-Student ratio for each of the Programme/Course Offered

| Programme | Teacher-Student Ratio |
|---|---|
| History | 1 : 24 |
| Economics – UG | 1 : 24 |
| Economics – PG | 1 : 10 |
| Philosophy (UG + PG) | 1 : 08 |
| Mathematics – UG | 1 : 35 |
| Physics (UG) | 1 : 21 |
| Chemistry | 1 : 24 |
| RDS (UG + PG) | 1 : 10 |
| Food Science and Technology | 1 : 13 |
| English Literature | 1 : 71 |
| Business Administration | 1 : 38 |
| Mathematics – PG | 1 : 13 |
| Physics ( PG – SF) | 1 : 08 |
| IT & M | 1:  26 |
| Physical Education | 1 : 30 |
| Computer Science | 1:  33 |
| Commerce | 1 : 37 |
| MCA | 1 : 08 |
| Economics – M.Phil. | 1 : 09 |

33.  Is the College applying for?

Accreditation : Cycle 1 ☐      Cycle 2 ☐      Cycle 3 ☑      Cycle 4 ☐

Re-Assessment:  ☐

34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1   05/11/2011   Accreditation Outcome  / Results               FIVE STARS

Cycle 2   28/03/2008   Accreditation Outcome  / Results        A Grade with CGPA 3.52

* Copy of accreditation certificate(s) and peer team report(s) are enclosed.

a. Date of establishment of Internal Quality Assurance Cell (IQAC)          14/06/2004

b. Dates of submission of Annual Quality Assurance Reports (AQARs)
   i.  AQAR for year 2008 – 2009 on 07/04/2010
   ii. AQAR for year 2009 – 2010 on 28/12/2010
   iii. AQAR for year 2010 – 2011 on 19/11/2011
   iv. AQAR for year 2011 – 2012  on 20/09/2012

35  Any other relevant data, the College would like to include. (Not exceeding one page)

# CRITERION-WISE ANALYTICAL REPORT

## CRITERION – I

**CURRICULAR ASPECTS**

**1. 1    CURRICULUM DESIGN AND DEVELOPMENT**

**1.1.1   How are the institutional vision/mission reflected in the academic programmes of the College?**

**VISION**

- Integrated Development of Rural Students and Empowering them for Social Transformation

**MISSION**

- To provide facilities for academic excellence, training in soft skills and job placement
- To enable students to be agents of social transformation by imparting skills in research and social analysis
- To build Arul Anandar College into a policy advocacy centre.

The Locus of the College at Rural (Developmental) Area facilitates the reach-out of the Rural Students towards their Educational Empowerment

**(1) The College is managed by Jesuit Fathers who have international reputation to imparting higher education with social commitment to serve the rural-poor both at National and International levels.**

- The Jesuit Management of the college is part of an international Society of Jesus who has historical experience in running colleges and universities at international level. The leadership and educational experience and social commitment of the Society of Jesus (Jesuit Fathers) provide strong foundation to the college to cater to the educational empowerment of the rural and disadvantaged sections of the people.
- The Jesuit Management which is a non-profit international organisation with its specific policy of 'Preferential Option for the Poor' is primarily committed to provide quality education for the socially and economically disadvantaged sections of the society.
- The Minority Status of the College is yet another viability to cater to the educational needs of the disadvantaged sections of the society through its admission, appointment and administrative procedures to inculcate the spirit of educational service to the rural people.

- The Autonomous status of the college since 1987 is an added opportunity for the college to design its curriculum pertaining to the contextual needs of the student community. Each department is endowed with the freedom and flexibility to introduce and implement relevant curriculum, required skills, specific to the demands of the students and the subject areas. This is normally achieved through academic consultations, students' demands, department level meetings, listening to the views of the parents, pre-board of studies meetings, Board of Studies and Academic Council.

**(2) Institutional Vision/Mission translated into Academic Programmes through empowering rural students through innovative and socially contextualised education**

Increase in the Number of Courses

- When the College was started in 1970, it offered only two undergraduate courses and the pre-degree course. Within a span of 43 years the Institution has grown to such an extent, that 15 UG courses, 5 PG courses, One Professional Course(MCA), One Research programme M.Phil.(Economics) and 6 Career Oriented Courses are offered for the benefit of the downtrodden student community, most of whom hail from the surrounding rural regions.

| Category | Number of Courses Started During | | | Total (during 2012 – 2013) |
|---|---|---|---|---|
| | First Cycle | Second Cycle | Third Cycle | |
| UG | 8 | 4 | 3 | 15 |
| PG + Professional Course | 4 | 4 | - | *6 |
| M.Phil. | 1 | - | - | 1 |
| Research Centres | - | 2 | 1 | 3 |
| * Two PG courses started during the second cycle were discontinued from 2008 – 2009 due to insufficient strength. | | | | |

Among the seven aided major departments, three are recognised as research centres to offer Ph.D. programmes. The increase in number of courses indicates the increase in the strength of the stake holders/beneficiaries in line with the emerging trends.

Rural Development Science Course in accordance with the vision of the College

- In addition to the arts and science programmes, the Institution offers the unique Rural Development Science Course with the specific aim of empowering the rural community. This course has given an identity to the Institution as a pioneer and a trend setter to impart rural development science pertaining to the developmental demands of this rural region.
- Rural Development Science is an integrated course with interdisciplinary training modules from the disciplines of social sciences, agriculture, animal husbandry and biology – all aim at better employability of the rural students.

- A blend of programmes like RDS, MCA, BBA, B.Sc. IT and Physical Education, Food Science and Technology meets the local needs of the students and prepares them for global arena of opportunities. BBA facilitates the youth with entrepreneurial skills and encourages them to take up self-employment.
- Physical Education Course, within a short span of its introduction, attracted an increase of strength of rural students who seek employment opportunities through this programme.
- After the second cycle of accreditation in March 2008, a few more courses have been added. B.A. in English Literature and B.Sc. in Computer Science were started in the year 2011-12. In the academic year 2012-13 an innovative multi-disciplinary course, B.Sc. in Food Science and Technology was started with the generous financial assistance of UGC. All these courses are well supported by soft skill development programmes and placement services.

## (3) Promoting Social transformation through socially oriented academic cum extension activities

- The outreach programmes, VETEX (VETerinary EXtension), ARISE (ARulanandar Initiative for Social Education), ACPR (Arrupe Centre for Policy Research) are some of the extension programmes which are well integrated into the main curriculum to make the students, agents of social change.
- Through the outreach programmes, guided by faculty members the students are provided with direct field learning experience.
- The College NSS units' year long programmes such as trainings, camps to prepare the students to acquire greater social commitment apart from being mere employment-seekers.
- ACPR (Arrupe Centre for Policy Research) caters to the information and training needs of the farmers and villagers of this region.

## (4) Fostering a sense of human rights

- To foster a sense of dignity, equity and justice, Human Rights Education has been made part of the curriculum and is offered as foundational programme to all the UG students of Arul Anandar College.
- A course on Human Rights is offered in B.Sc. RDS, B.A. Philosophy and B.A. English Literature.

## (5) Facilitating gender equity through the curriculum

- The Centre for Women's Studies, through its awareness programmes, facilitates gender equity both on and off the campus.
- The Centre offers a non-major elective "Introduction to Gender Studies" for the UG students.
- In the M.Sc. RDS programme a paper on Women and Empowerment has been included.

**1.1.2 Describe the mechanism used in the design and development of the curriculum? Give details on the process. (Need assessment, Feedback, etc.).**

The process of design and development of the curriculum of an existing or a new course is done through the mechanisms mentioned below:

Informal Mechanisms

- Faculty exposure to new subject areas through orientation and refresher courses, and participation in seminars and workshops.
- Needs and demands of the students are considered through Parents' Meetings.
- Feedback obtained during the informal discussions with the alumnae, academic and industry experts.
- The departments, if necessary, periodically enrich the content of the curriculum to meet the new challenges.
- While starting a new programme, a feasibility study is done by the department. The department presents a detailed proposal to the management with an expected income and expenditure analysis. The proposal is taken up by the management for discussion at various levels before the decision to start the course is taken.

Formal Mechanisms

- The developed curriculum is subjected to review by the Board of Studies comprising a University nominee, subject experts and faculty members.
- The curriculum recommended by the Board of Studies is placed in the Academic Council for approval.
- The approved curriculum is then implemented by the departments for a specified period.

Observations

- Regarding the introduction of need-based curriculum, the departments enjoy maximum flexibility and autonomy.
- Student feedback, placement cell feedbacks are taken into consideration while designing the curriculum.
- The results of internal and semester examinations in fact indicate the difficulty level of the curriculum and if needed modifications are suggested to be incorporated.

**1.1.3 How does the College involve industry, research bodies and civil society in the curriculum design and development process? How did the College benefit through the involvement of the stakeholders?**

Role of Academic and Research Bodies

- Academic experts from different disciplines highlight the current areas of importance in their specified fields while deleiberating at the seminars and guest lectures. The departments take cues from them to design the curriculum.

- The interaction with industry experts and subject-experts in the relevant fields helps the departments introduce components that increase the job opportunities for the students.

Benefits
- The interaction with the stakeholders helps the departments to design a curriculum that is best suited to the students. Moreover, inclusion of job-oriented components in the curriculum increases opportunities for better employment.

## 1.1.4 How are the following aspects ensured through curriculum design and development?*Employability, *Innovation, *Research

Employability of students ensured through curriculum design

- Since most of the students come from rural background, their English communication skills are rather very poor. Hence, a one-semester bridge course is introduced as compulsory for all the first year UG students of the college.
- From the academic year 2011-12 onwards, the bridge course has been made part of the curriculum and as a one credit course. The effectiveness of the course is measured through entry level and end level tests. The major departments are flexible to accommodate the bridge course classes in view of the benefit of the rural students admitted in the college.
- Other than the bridge course English language skill is imparted to the students through Part II subject of the curriculum as well.
- Multi-disciplinary course like Rural Development Science and inter-disciplinary courses like B.Com. with Computer Applications, B.Sc., Information Technology and Management help in multi-skill development of the students increasing their employability in various sectors.
- Computer skills, a prerequisite for employment in contemporary job market, are provided through a two semester compulsory programme for all the UG students.
- The Department of Mathematics offers computer programming as a course component. It also offers a course on Mathematics for Competitive Examinations for better performance of the students in various competitive examinations.
- The Departments of Economics, Chemistry, Rural Development Science and Business Administration offer topics in computer applications in their respective field of study.
- Tally package in Commerce helps the students get employment in business establishments.
- The Department of Economics offers Salesmanship and Advertising as one of the core electives.
- The Department of History has included Hotel Management and Catering, Video Production as skill based electives for employability reasons.

- One year Career Oriented Certificate Courses are offered as optional for the UG students to enhance their employability. They are: Tourism and Hospitality Management, Marketing Management, Foreign Trade, Clinical Nutrition and Lab Technology, Commercial Horticulture and NGO Management.
- Poultry Farming and Welfare Administration courses help the Rural Development Science students get employment in Poultry Industry and NGOs respectively.
- The Course on Personality Development as part of the Foundation Course increases the job-aptitudes and recruitment potential of the students for industries.
- Placement Cell is a special unit functioning at the college as liaison office to link students, employers and companies.

Innovation in Curriculum Design

- CBCS was introduced in all undergraduate aided courses from 2003-2004 onwards. In 2008, as per the directions of the Government of Tamil Nadu a new CBCS was introduced at UG and PG. After a thorough evaluation in 2011, a much improved CBCS that gives flexibility in offering credits for core courses has been implemented from the academic year 2012-13.
- Accordingly each department revamped their curriculum with a view of innovation, furthering knowledge base and skills specific to their subject areas.
- Self-learning course is innovative in the sense that it is meant for advanced learners and gives an opportunity to earn additional credits.
- Internship and projects are made part of the curriculum in Rural Development Science, Business Administration and B.Com.with Computer Applications and Master of Computer Applications.
- A course on Value Education for undergraduate students emphasizes moral and spiritual values.
- Environmental awareness, Human Rights, Professional Ethics, Study Skills and Gender Studies are innovative courses and are made available as allied and non-major electives within the curriculum.
- ARISE, an extension programme aims at providing field-based educational experience and it is a compulsory component of the college curriculum.

Research Orientation in Curriculum Design
- Research orientation and output of the college curriculum is indicated by the number of Major and Minor Projects, Research Centres at the college, the number of Ph.D. scholars, and the number of Ph.D.'s awarded, the number of research oriented Seminars/Workshops/Conferences conducted, and the research oriented programmes held at various departments.

  (i) During the assessment period the following projects are sanctioned.

  Major Research Projects            : 9 (Rs. 82,58,510)
  Minor Research Projects            : 2 (Rs. 3,48,500)
  Research Methodology Workshop      : 1 (Rs. 5,50,000)

     (ii)     Research Orientation forms the integral part of curriculum especially of the Postgraduate and Research Departments such as Economics, Philosophy and RDS.

     (iii)     In M.A. Economics, M.A. Philosophy and M.Sc. Rural Development Science, a paper on Research Methodology is included as a one-semester programme.

     (iv)     In all the PG courses research projects are mandatory. All the PG Departments hold Viva Voce at the PG level based on the students' research projects.

- The college has its own Research Publication – SPARKS (Journal of Scientific Praxis and Action Research for Knowledge Society) with publication wing, through which the staff members are encouraged to publish relevant research articles.
- In the UG Departments the students are encouraged to present papers in inter-collegiate seminars and association meetings to get research orientation.
- In Business Administration and B.Sc. Information Technology and Management, project work has been made compulsory.
- Faculty's involvements in publications and seminar presentations in their subject areas in turn influence research orientation in curriculum designing.

## 1.1.5 How does College ensure that the curriculum developed address the needs of the society and have relevance to the regional/national development needs?

Social and National Relevance is understood in terms of the following factors

- The institution with its policy "Preferential option for the Poor" provides employment and research-oriented courses to the vulnerable sections of the society. By this process, the Institution with an emphasis on rural empowerment has considerably increased the literacy levels as well as the quality of life.
- Emphasis is laid on good knowledge of English, creativity and soft skills to meet the global demands.
- The syllabus of B.A. Philosophy was submitted to Madras University for revamping it on par with the International standards and to bring out uniformity in curriculum in the Universities of Tamil Nadu.
- The Department of Philosophy has developed a curriculum entitled Philosophical Foundations of Human Rights that addresses the internal and social imperative to promote human rights discourse.
- Components like AIDS awareness, Legal Rights of Women, Democratic Values and Communal Harmony are provided to the students through seminars and exposure programmes. The women of the local community are oppressed and are denied of their rights. The above components are socially relevant so as to make them aware of their rights.

- The RDS curriculum offers agriculture and animal husbandry aspects which are the major livelihood systems in the rural areas. Organic farming practices are imparted to the local farmers through farmer linkage and ACPR.
- The inclusion of value education, environmental consciousness and sustainability in the curriculum promote the need for social harmony.

Extension Programmes for Social Relevance and Transformation
- Through its extension programmes the Institution extends training for employment, better agricultural practices, sanitation and hygiene.
- The extension programmes have been made part of the curriculum so that all the students participate in the community-building processes.
- ARISE, NSS, NCC, Nature Club, Centre for Women's Studies, Youth Red Cross and ROTARACT give a community focus to the students through their awareness programmes and service. Blood donation camps, eye and health camps are organised for the benefit of the village people. All these components are the felt needs of the people of the neighbourhood.
- VETEX, an Animal Husbandry Clinic under the Department of RDS, organizes camps for treating cattle and for encouraging good animal rearing practices to promote economic transformation.
- ACPR, an extension programme under the Department of RDS brings together the farmers in the nearby villages to share their experiences.

Regional/National Development
- Centre for Women's Studies conducts awareness programmes to the women students on hygiene, legal rights and family values.

**1.1.6   To what extent does the College use the guidelines of the regulatory bodies for developing or restructuring the curricula? Has the College been instrumental in leading any curricular reform which has created national impact?**

Use of Regulatory Body Guidelines

The Choice Based Curriculum was implemented for all the aided UG academic programmes from the academic year 2003. In 2008, the Government of Tamil Nadu issued guidelines to introduce choice based credit system for all UG and PG courses. The Institution exercising its autonomous status modified the Government CBCS to suit its local needs and implemented it.

In designing the curriculum, the following factors are taken into consideration.

- Target group Student intake, which is mainly from rural schools.
- Employability.
- Opportunities for higher studies.
- Preparedness for competitive examinations.

Based on these features, the departments restructure their courses consulting the UGC model curriculum and also the affiliating University syllabi. The syllabi of other autonomous colleges are also taken into account. The Department of Computer Applications takes into account the model curriculum provided by AICTE while framing B.Sc. Computer Science and Master of Computer Applications syllabi.

## 1.2  ACADEMIC FLEXIBILITY
### 1.2.1  Give details on the following provisions with Reference to academic flexibility.

a.  Core /Elective Options
- The introduction of CBCS has paved way for introducing optional subjects in the curriculum.

Options in Allied and Non–Major Elective Courses
- The Department of Mathematics provides choice in the allied courses. The students can choose either chemistry or physics as an allied paper in the first year of their study.
- The Department of Chemistry offers food chemistry for students with no mathematics background in their higher secondary school.

Options in Part IV
- In non-major electives, coming under Part IV, options are given.

Options in Part V
- Students choose any one of the five courses – NCC, NSS, Physical Education, Youth Red Cross or ROTARACT.

Options are given in Non-Major Electives in PG courses.

b. Enrichment Courses
The Institution offers the following enrichment courses to the UG students.
- Skill Based Elective Courses.
- UGC funded Career Oriented Certificate Courses.
- Computer Courses.
- Self-Learning Courses.

The Institution has introduced six career-oriented optional enrichment courses in 2005 for the UG students with financial assistance from the UGC.

The career-oriented certificate courses are:
- Tourism and Hospitality Management
- Foreign Trade
- Marketing Management
- Clinical Nutrition and Lab. Technology
- Commercial Horticulture
- NGO Management

These courses contain both theory and laboratory components adding value to their content.

For all the UG students a two-semester computer course has been made compulsory. Basic training in computer operation and internet is given.

For advanced learners faculty-guided self-learning courses are offered under the CBCS.

c. Courses offered in modular form

At present no course is offered in modular form.

d. Credit transfer and accumulation facility

- The institution does not provide credit transfer and accumulation facility.
- The Jesuit Management is contemplating to bring its four Colleges (Loyola College, Chennai, St. Joseph's College, Tiruchi, St. Xavier's College, Palayamkottai and Arul Anandar College) under one umbrella so that its resources and expertise can be shared. The proposal envisages credit transfers, staff and student exchanges and sharing of laboratory facilities. This proposal is still in the conceptual stage.

e. Lateral and vertical mobility within and across programmes and courses.

- Lateral mobility in the UG and the PG courses is ensured through non-major electives. In UG, an arts student can take an elective from any of the science departments and vice versa. In PG, a student can take elective from other PG departments
- The vertical mobility of the students is facilitated in Economics, Physics and Rural Development Science disciplines wherein a student can move from UG level to Doctoral level.
- In the disciplines of Philosophy and Mathematics, the students can go for Post-Graduate studies in their respective disciplines.
- B.Sc.Computer Science and other B.Sc. students with mathematics as one of the courses have the option to pursue MCA.

**1.2.2 Have any courses been developed specifically targeting international students? If so, how successful have they been? If 'no' explain the impediments.**

No course is offered specifically targeting international students.
Even though the College has no international student- specific academic programmes,   some UG courses attract such students.

| Year | Number of International Students Admitted | Academic Programme |
|---|---|---|
| 2009-10 | 2 (Sri Lanka) | Philosophy |
| 2011-12 | 2 ( Sri Lanka) | |
| 2012-13 | 4 (3 Sri Lanka + 1 South Sudan) | |
| 2008-09 | 2 (Sri Lanka) | RDS |
| 2009-10 | 1 (Sri Lanka) | Economics |
| 2009-10 | 1 (Sri Lanka) | Business Administration |
| 2009-10 | 2 (Sri Lanka) | Information Technology & Management |

**1.2.3 Does the college offer dual degree and twinning programmes? If yes, give details.**

At present no dual degree and twinning programmes are offered.

**1.2.4 Does the College offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?**

Yes. The College offers 7 UG and 2 PG programmes, MCA and M.Phil. in Economics as self-financed courses.

| UG Courses |
|---|
| B.Com. with Computer Applications (1999) |
| B.B.A. (2002) |
| B.Sc., Information Technology and Management (2002) |
| B.Sc., Mathematics (2004) |
| B.Sc., Physical Education (2004) |
| B.A., English Literature (2011) |
| B.Sc., Computer Science (2011) |
| PG Courses |
| M.Sc., Mathematics (2005) |
| M.Sc., Physics (2005) |
| Professional |
| MCA (1999) |
| Research |
| M.Phil., Economics (1990) |

| | |
|---|---|
| Admission Policy | : On par with the aided programmes and specific option for the disadvantaged sections of the society. |
| Fee Structure | : The fees for these programmes are higher than the fees of the aided programmes. |
| Teacher Qualification | : The staff qualifications are generally on par with the staff of the aided programmes. However, in some cases, faculty with PG degree alone are also appointed. |
| Salary | : The salary for faculty is not on a par with the aided programme. |

**1.2.5** **Has the College adopted the Choice Based Credit System (CBCS)? If yes, how many programmes are covered under the system?**

Yes.

The Institution introduced CBCS from the academic year 2003 for all the UG aided courses. In 2008, CBCS was modified on the directions of the Government of Tamil Nadu and was implemented for all the UG and the PG courses. From 2012 onwards, a revised CBCS has been implemented providing more autonomy to the departments in fixing the number of courses and credits in their curriculum.

All courses, both aided and self-financed, come under the CBCS. The general pattern of CBCS adopted for UG courses from the academic year 2012-13 is given below.

|  | Subject | Credits |
|---|---|---|
| PART I | Tamil/Hindi/French | 16 |
| PART II | English | 16 |
| PART III | Core | 74 |
|  | Core Electives | 6 |
|  | Allied | 16 |
| PART IV | Non-Major Electives | 4 |
|  | Skill Based Electives | 4 |
|  | Value Education | 2 |
| PART V | Physical Education / NCC/NSS/YRC/ROTARACT | 2 |
| Bridge Course | I year First Semester | 1 |
| ARISE | II Year - Extension Work | 1 |
| TOTAL NUMBER OF CREDITS | | 142 |

The courses B.Sc. RDS, B.Sc. Food Science and Technology, B.Com., B.Sc. IT&M, B.Sc., Computer Science and Bachelor of Business Administration have adopted the following credit pattern.

|  | Subject | Credits |
|---|---|---|
| PART I | Tamil/Hindi/French | 8 |
| PART II | English | 8 |
| PART III | Core | 90 |
|  | Core Electives | 6 |
|  | Allied | 16 |
| PART IV | Non-Major Electives | 4 |
|  | Skill Based Electives | 4 |
|  | Value Education | 2 |
| PART V | Physical Education / NCC/NSS/YRC/ROTARACT | 2 |
| Bridge Course | I year First Semester | 1 |
| ARISE | II Year -Extension Work | 1 |
| TOTAL NUMBER OF CREDITS | | 142 |

The following pattern is adopted for the Two year PG programmes: M.A. Economics, M.A. Philosophy, M.Sc. Rural Development, M.Sc. Mathematics and M.Sc. Physics.

|  | Subject | Credits |
|---|---|---|
| Semester I | Core Papers | 20 |
|  | Core Elective -1 | 4 |
| Semester II | Core Papers | 15 |
|  | Core Elective -2 | 4 |
|  | Non-Major Elective | 4 |
| Semester III | Core | 20 |
|  | Core Elective -3 | 4 |
| Semester IV | Core | 10 |
|  | Project | 5 |
|  | Core Elective -4 | 4 |
| TOTAL NUMBER OF CREDITS | | 90 |

The following is the pattern of the three year MCA programme.

|  | Subject | Credits |
|---|---|---|
| Semester I | Core Papers | 22 |
|  | Core Elective -1 | 3 |
| Semester II | Core Papers | 22 |
|  | Non-Major Elective | 4 |
| Semester III | Core | 22 |
|  | Core Elective – 2 | 3 |
| Semester IV | Core | 22 |
|  | Core Elective – 3 | 3 |
| Semester V | Core | 22 |
|  | Core Elective – 4 | 3 |
| Semester VI | Project | 14 |
| TOTAL NUMBER OF CREDITS | | 140 |

**1.2.6  What percentage of programmes offered by the College follows?**
    **\*Annual system, \*Semester system, \*Trimester system**
     All the aided and self-financing programmes (100%) follow the semester system.
     The certificate courses follow the annual system.

**1.2.7  What is the policy of the College to promote inter-disciplinary programmes? Name the programmes and what is the outcome?**
*   B.Sc. Rural Development Science, which is multi-disciplinary in nature, was started in the year 1973. This programme contains components in Social Sciences, Agriculture, Animal Husbandry and Biology. This programme has placed Arul Anandar College as a pioneer in rural development education.

- To meet the new challenges in higher education and also to draw the best students, the College started introducing new inter-disciplinary courses.
- In 1999, the College introduced B.Com with Computer Applications.
- B.Sc., Information Technology and Management (IT & M) was started in 2002 as a self-financing programme.
- A new multi-disciplinary UG course in B.Sc. Food Science and Technology was started from the academic year 2012-13 with the financial assistance of the UGC.

## 1.3    CURRICULUM ENRICHMENT

**1.3.1    How often is the curriculum of the College reviewed for making it socially relevant and/or job oriented/knowledge intensive and meeting the emerging needs of students and other stakeholders?**

Normally a curriculum undergoes major revision once in three years. However, depending on the need to introduce job-oriented course component or knowledge enhancement in a particular paper, the Departments have the liberty to make alterations in the curriculum. This option is exercised by the Departments as and when needed.

**1.3.2    How many new programmes have been introduced at UG and PG level during the last four years? Mention details * Inter-disciplinary * Programmes in emerging areas.**

In the last four years two UG programmes, viz., B.A. English Literature and B.Sc. Computer Science courses have been introduced.

In the academic year, 2012-13, B.Sc., Food Science and Technology course was started. The course is multi-disciplinary in nature.

**1.3.3    What are the strategies adopted for revision of the existing programmes? What  percentage of courses underwent a major syllabus revision?**

The following strategies are generally adopted by the departments for carrying out revision of the existing academic programme.

- Getting feedback from the outgoing students
- Getting the opinion of the professors who visit the departments during seminars.
- Assessing the feedback from the working alumni.

All the UG courses (100%) underwent a major syllabus revision in 2012-13, since new CBCS was introduced.

**1.3.4    What are the value-added courses offered by the College and how does the College ensure that all students have access to them?**

The following UGC funded add-on certificate courses are offered - Tourism and Hospitality Management, Foreign Trade, Marketing Management, Clinical Nutrition and Lab Technology, Commercial Horticulture and NGO Management. The courses are conducted after regular class hours and are open to all. Clinical Nutrition and Medical Laboratory Technology is offered only for science students.

**1.3.5  Has the College introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation and other agencies?**

No.  Higher order skill development programmes as outlined by NSDC are yet to be initiated in      the College. The College has sent a proposal on "Job-Oriented Skill Training for Rural Youth belonging to SC/ST, De-Notified Communities and Minorities" to the Ministry of Rural Development, Government of India seeking financial assistance to start job-oriented skill development programmes.

**1.4  FEEDBACK SYSTEM**

**1.4.1  Does the College have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?**

The feedback from students regarding curriculum is obtained in two different ways

- College level through IQAC, and
- Department Level

In 2011, the IQAC administered a structured questionnaire to the students to get feedback on the CBC system and the curricula. Based on the study, the CBC system was modified for implementation from 2012-13.

- At the Department level – Staff-Student Meetings

Most of the Departments follow this procedure of getting feedback from the students. The Department of Economics takes the students to a place outside in order to get their feedback.

- Written feedback at the Department level

The Departments of Mathematics, Chemistry and Commerce obtain written feedback from the students about the curriculum, teaching and other facilities. The opinions expressed by the students are placed in the department meeting for consideration and implementation.

**1.4.2  Does the College elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods adopted to do the same – (conducting webinar, workshop, online forum discussion, etc.). Give details of the impact on such feedback.**

Yes. Feedback on Curriculum is obtained from national faculty when they visit the College for conferences, seminars and workshops.

**1.4.3  Specify the mechanism through which alumni, employers, industry experts and community give feedback on curriculum enrichment and the extent to which it is made use of**

- At the alumni chapter meetings feedback on the curriculum enrichment is elicited.

- Former students employed in companies and industries offer their feedback on the suitability of the syllabus for employment.
- Alumni working in national and international bodies share their informal feedback when they pay visit to the college.
- Parents and local leaders give their general observations and remarks about the need for certain skill enhancing programmes.

**1.4.4 What are the quality sustenance and quality enhancement measures undertaken by the institution in ensuring effective development of the curricula?**

The quality measures adopted by the College are based on assessing and making necessary corrections by IQAC, Boards of Studies and Academic Council in the curriculum on the following aspects.

- Expected Skill set of the students.
- Personality Development.
- Employment opportunities.
- Training for higher education.
- Community service.

**Any additional information regarding curricular aspects, which the institution would like to include.**

- Taking into account the fact that the target group, namely rural students who come from rural schools show a wide variation in their academic attainments, the college conducts entry level test in English. Based on their performance they are divided into streams.
- The Mentor Care System helps in the all-round formation of the students.

<div align="center">

**CRITERION - II**

</div>

**TEACHING-LEARNING AND EVALUATION**

**2.1    STUDENT ENROLLMENT AND PROFILE**

**2.1.1   How does the College ensure publicity and transparency in the admission process?**

Arul Anandar College follows a very transparent process in admissions to all the programmes. The admission process is widely publicised to the community:

- Through newspaper advertisements, TV and Madurai FM radio.
- Placing a hoarding at the college entrance.
- Circulars are sent to different Higher Secondary Schools in Madurai and neighbouring districts for wider publicity.
- Through the college website http://www.aactni.edu.in
  - Every year the College publishes a detailed prospectus indicating the programmes offered and the eligibility criteria.
  - The entire admission process is carried out transparently with the help of a committee under the chairmanship of the Principal.

**2.1.2   Explain in detail the process of admission put in place for UG, PG and Ph.D. programmes by the College. Explain the criteria of admission. [Ex. i) Merit, ii) merit with entrance test, iii) merit, entrance test and interview, iv) common test conducted by state and national agencies, v) others followed by the College?**

Process of Admission to UG Courses

- The college adopts a transparent and non-discriminative process in student admission to various courses through an admission committee based on the guidelines of the Tamil Nadu Government and the affiliating Madurai Kamaraj University

  The composition of the committee is as follows:

  | | | |
  |---|---|---|
  | Principal | : | Chairman |
  | Vice-Principal | : | Convener |
  | Deputy Principal | : | Member |
  | Vice-Principal (Shift I) | : | Member |
  | Dean-Academic | : | Member |
  | Dean- Students | : | Member |
  | Four Faculty Members | : | Members |

  (Includes one Dalit and one Woman representative)

Criteria for Admission

UG – Merit based Admission

- The criteria for admission to UG courses are based on the marks obtained in the qualifying examination as stipulated by Tamil Nadu Government norms in the subject concerned.

PG – Merit and interview- based admission

- A pass in the undergraduate course with 55% of marks is taken as the criterion for admission to PG courses.

Process of admission to MCA – Common entrance test based admission

- For admission to MCA course the performance in the Tamil Nadu Common Entrance Test (TANCET) is considered.

M.Phil. and Ph.D. – Merit, entrance test and interview

- A pass in the relevant PG course with 55% marks.
- The admission norms as stipulated by the Madurai Kamaraj University are followed.

General Guidelines

- The overall guiding policy of admission is 'Preferential Option for the Poor'.
- In the admission of girl students preference is given to those from local area.
- The admission process is fully computerised. After entering the data from the received applications in the computer system, a computerised rank list is prepared for each course on the basis of marks obtained in the qualifying examination.
- The rank and selection lists for all the courses are displayed on the college notice board.
- The selected candidates are individually informed through a letter.
- The admission committee counsels the students in selecting their academic programmes.
- The selected students and their parents finally meet the Principal for an interaction, thus the admission process becomes complete.

**2.1.3 Does the College have a mechanism to review its admission process and student profiles annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?**

Yes.

When the student admissions are over, a detailed review of the admission process is carried out and is placed before the administrative committee.

The review includes the entire admission process, applications received, data entry, scrutiny of the applications, selection criteria, admission counselling, adherence to the government norms, the difficulties faced and mechanism to address the problems.

The final data are submitted to the Governing Body for its approval. Suggestions, if any, are taken up for implementation in the admission process in the following year.

The analysis indicates that the mechanism adopted in the above process is very helpful for a systematic and smooth conduct of the admission process.

**2.1.4** **What are the strategies adopted to increase/improve access to students belonging to the following categories *SC/ST * OBC * Women * Different categories of persons with disabilities *economically weaker sections * Outstanding achievers in sports and extracurricular activities.**

- Nearly 75% of the total students admitted in the aided and self-financed courses constitute SC/ST and MBC category.
- On an average 40% of the students joining the College in the aided courses are from SC/ST community. In the self-financed courses their admission is around 25%.
- Students belonging to the MBC/DNC category are around 35% in the aided whereas they constitute approximately 45% in the self-financed courses.

The community-wise admission data clearly show the concern of the Institution in providing access to the educationally-deprived.

| Year | Number of Students admitted | Community and % of admissions made (UG+PG) | | | |
|---|---|---|---|---|---|
| | | Dalit Catholic/SC/ST | MBC/DNC | BC | Others |
| 2008-09 | 381 | 44% | 33% | 22% | 1% |
| 2009-10 | 375 | 38% | 38% | 23% | 1% |
| 2010-11 | 323 | 37% | 38% | 24% | 1% |
| 2011-12 | 343 | 40% | 30% | 29% | 1% |
| 2012-13 | 377 | 33% | 43% | 23% | 1% |

| Year | Number of Students admitted | Community and % of admissions made (UG + PG) (Innovative + Self-Financed) | | | |
|---|---|---|---|---|---|
| | | Dalit Catholic/SC/ST | MBC/DNC | BC | Others |
| 2008-09 | 379 | 43% | 19% | 31% | 1% |
| 2009-10 | 370 | 20% | 55% | 19% | 6% |
| 2010-11 | 368 | 19% | 49% | 32% | 0% |
| 2011-12 | 518 | 29% | 44% | 26% | 1% |
| 2012-13 | 679 | 32% | 45% | 22% | 1% |

**Women**

The decision to admit women students in the college was taken by the Management in 2001, after frequent and numerous representations from the local community. Arul Anandar College is the first Jesuit Institution in Tamil Nadu to admit women in the UG courses. The Institution gives priority to women students in the UG courses.

The year-wise data from 2008-09 to 2011-12 clearly show the efforts of the college in attracting the women students for higher studies.

| Year | % of women students admitted (Aided) | % of women students admitted (Innovative + Self-Financed) |
|---|---|---|
| 2008-09 | 23% | 20% |
| 2009-10 | 24% | 20% |
| 2010-11 | 27% | 17% |
| 2011-12 | 30% | 24% |
| 2012-13 | 35% | 31% |

## Different Categories of Persons with Disabilities

The college gives preference in admission to persons with disabilities and provides scholarships to such students.

| Category | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|---|---|---|---|---|---|
| Number of differently-abled students admitted | 5 | 2 | 1 | 2 | 1 |

## Economically Weaker Sections

- The students admitted to the College are mostly from the economically lower strata of society as evidenced by the following data.

| Year | Annual Family Income & % of students (Aided) | | | |
|---|---|---|---|---|
| | Below Rs.10,000/- | Rs.10,000 to Rs.25,000/- | Rs.25,000 to 40,000/- | Above Rs.40,000 |
| 2008-09 | 39% | 31% | 18% | 12% |
| 2009-10 | 41% | 41% | 11% | 7% |
| 2010-11 | 32% | 51% | 8% | 9% |
| 2011-12 | 29% | 58% | 5% | 8% |
| 2012-13 | 22% | 58% | 13% | 7% |

| Year | Annual Family Income &% students (Innovative + Self-Financed) | | | |
|---|---|---|---|---|
| | Below Rs.10,000/- | Rs.10,000 to Rs.25,000/- | Rs.25,000 to 40,000/- | Above Rs.40,000 |
| 2008-09 | 39% | 32% | 20% | 9% |

| 2009-10 | 37% | 36% | 16% | 11% |
|---------|-----|-----|-----|-----|
| 2010-11 | 22% | 40% | 23% | 15% |
| 2011-12 | 7% | 23% | 38% | 32% |
| 2012-13 | 11% | 21% | 38% | 30% |

Outstanding achievers in sports and extracurricular activities

- Students excelling in sports and extracurricular activities are admitted preferentially. For such students, the cut-off mark stipulation in the rank list is not applied.

| Category | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|----------|---------|---------|---------|---------|---------|
| Number of achievers in sports admitted | 5 | 6 | 5 | 5 | 6 |

**2.1.5 Furnish the number of students admitted in the College in the last four academic years.**

| Community-wise Admissions During 2008-2013 (Aided: UG + PG) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Categories | 2008-09 | | 2009-10 | | 2010-11 | | 2011-12 | | 2012-2013 | |
| | *M | *F | *M | *F | *M | *F | *M | *F | *M | *F |
| Dalit Catholic/SC/ST | 145 | 23 | 128 | 19 | 97 | 23 | 109 | 28 | 82 | 41 |
| MBC/DNC | 79 | 47 | 90 | 48 | 91 | 30 | 58 | 44 | 103 | 60 |
| BC | 68 | 15 | 63 | 23 | 43 | 35 | 70 | 30 | 56 | 31 |
| Others | 2 | 2 | 3 | 1 | 4 | 0 | 4 | 0 | 3 | 1 |
| TOTAL | 294 | 87 | 284 | 91 | 235 | 88 | 241 | 102 | 244 | 133 |
| *M – Male     *F – Female | | | | | | | | | | |

| Community-wise Admissions during 2008-2013 (Innovative + Self-Financed: UG + PG) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Categories | 2008-09 | | 2009-10 | | 2010-11 | | 2011-12 | | 2012-2013 | |
| | *M | *F | *M | *F | *M | *F | *M | *F | *M | *F |
| SC/ST | 143 | 27 | 55 | 18 | 62 | 18 | 120 | 29 | 144 | 72 |
| MBC/DNC | 109 | 24 | 173 | 33 | 151 | 21 | 167 | 54 | 210 | 95 |
| BC | 48 | 24 | 53 | 18 | 99 | 15 | 104 | 31 | 106 | 44 |
| Others | 4 | 0 | 16 | 4 | 2 | 0 | 3 | 0 | 6 | 2 |
| TOTAL | 304 | 75 | 297 | 73 | 314 | 54 | 394 | 114 | 466 | 213 |
| *M – Male     *F – Female | | | | | | | | | | |

**2.1.6 Has the College conducted any analysis of demand ratio for the various programmes offered by the College? If so, indicate significant trends explaining the reasons for increase/decrease.**

| Programmes | Number of applications received | | | | | Sanctioned Student Strength | Demand ratio | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 08-09 | 09-10 | 10-11 | 11-12 | 12-13 | | 08-09 | 09-10 | 10-11 | 11-12 | 12-13 |
| **UG (Aided)** | | | | | | | | | | | |
| 1.  B.A. History | 83 | 91 | 73 | 55 | 36 | 60 | 1.48 | 1.5 | 1.2 | 0.9 | 0.6 |
| 2.  B.A. Economics | 124 | 116 | 67 | 54 | 64 | 60 | 2.17 | 1.9 | 1.1 | 0.9 | 1.0 |
| 3.  B.A. Philosophy | 32 | 36 | 14 | 26 | 26 | 60 | 0.5 | 0.6 | 0.2 | 0.4 | 0.4 |
| 4.  B.Sc. Maths. | 130 | 176 | 147 | 131 | 60 | 60 | 2.2 | 2.9 | 2.5 | 2.2 | 1.0 |
| 5.  B.Sc. Chemistry | 92 | 139 | 122 | 103 | 51 | 40 | 2.3 | 3.4 | 3.1 | 2.6 | 1.3 |
| 6.  B.Sc. Physics | 77 | 98 | 95 | 68 | 47 | 40 | 1.9 | 2.4 | 2.4 | 1.7 | 1.2 |
| 7.  B.Sc. RDS | 91 | 100 | 116 | 83 | 63 | 60 | 1.5 | 1.6 | 1.9 | 1.4 | 1.1 |
| **UG (Self-Financed)** | | | | | | | | | | | |
| 1.  BBA | 139 | 146 | 125 | 87 | 74 | 60 | 2.3 | 2.3 | 2.1 | 1.5 | 1.2 |
| 2.  B.Sc.IT &M | 204 | 78 | 100 | 36 | 50 | 40 | 5.1 | 1.9 | 2.5 | 0.9 | 1.3 |
| 3.  B.Com. with Comp. App. | 315 | 268 | 189 | 165 | 141 | 60+40 | 3.2 | 2.7 | 1.9 | 1.7 | 1.4 |
| 4.  B.A. English Lit. | --- | --- | --- | 167 | 142 | 60+*60 | --- | --- | --- | 2.8 | 1.9 |
| 5.  B.Sc. Maths. | 24 | 63 | 52 | 122 | 45 | 60 | 0.4 | 0.4 | 0.9 | 2.0 | 0.8 |
| 6.  B.Sc. Comp.Sci. | --- | --- | --- | 73 | 51 | 40 | --- | --- | --- | 1.8 | 1.3 |
| 8.  B.Sc. Phy. Edn. | 36 | 43 | 45 | 63 | 66 | 60 | 0.6 | 0.7 | 0.8 | 1.1 | 1.1 |
| **Innovative Programme – UGC Funded** | | | | | | | | | | | |
| 9.  B.Sc. Food Science and Technology | --- | --- | --- | --- | 26 | 40 | --- | --- | --- | --- | 0.7 |
| *Additional section was introduced during  2012-2013 | | | | | | | | | | | |
| **PG (Aided)** | | | | | | | | | | | |
| 1.  M.A. Economics | 32 | 17 | 27 | 30 | 19 | 36 | 0.9 | 0.5 | 0.8 | 0.8 | 0.5 |
| 2.  M.A. Philosophy | 11 | 5 | 3 | 8 | 8 | 36 | 0.3 | 0.1 | 0.1 | 0.2 | 0.2 |
| 3.  M.Sc. RDS | 12 | 3 | 11 | 5 | 4 | 36 | 0.3 | 0.1 | 0.3 | 0.1 | 0.1 |
| **PG (Self-Financed)** | | | | | | | | | | | |
| 1.  M.Sc. Maths. | 4 | 20 | 34 | 21 | 34 | 36 | 0.1 | 0.6 | 0.9 | 0.6 | 0.9 |
| 2.  M.Sc. Physics | --- | --- | --- | 12 | 24 | 25 | --- | --- | --- | 0.5 | 1.0 |
| 3.  MCA | 57 | 14 | 32 | 17 | 17 | 30 | 1.9 | 0.5 | 1.1 | 0.6 | 0.6 |
| **M.Phil. (Self-Financed)** | | | | | | | | | | | |
| 1.  Economics | 22 | 33 | 10 | 15 | 9 | 6 | 3.7 | 5.5 | 1.7 | 2.5 | 1.5 |
| **Diploma Courses(Self-Financed)** | | | | | | | | | | | |
| 1.  PGDCA | 11 | 15 | --- | --- | --- | 20 | 0.6 | 0.8 | --- | --- | --- |

**Trends in Admission to the UG courses**

- The demand for conventional courses like B.A. History, Economics and Philosophy is showing a declining trend.
- B.Sc. Mathematics, Chemistry and Physics are consistently in demand. The demand for B.Sc. Mathematics is showing an upward trend and hence an additional section has been added under self-financed category.
- In the self-financed category, the most sought after course is B.Com with Computer Applications.
- The demand for Business Administration and B.Sc. Information Technology and Management is showing a decline with the introduction of B.A. English Literature and B.Sc. Computer Science.

**Trends in Admission in PG Courses**

- The demand for M.A. Economics is more or less consistent during the last four year period.
- M.Sc. Mathematics and Physics which initially did not find favour are slowly picking up from the last academic year.
- Other PG courses show a declining trend indicating their loss in popularity and an urgent need for restructuring the courses.
- M.Sc. RDS is not much in demand as majority of students completing B.Sc. RDS go for jobs.
- The demand for MCA is also showing a declining trend. This may be due to competitive admission in a good number of Engineering Colleges which offer MCA in Tamil Nadu.

**2.1.7** **Was there an instance of the College discontinuing a programme during last four years? If yes, indicate the reasons.**

Yes.
M.Com. and M.Sc. Applied Psychology were discontinued from the academic year 2008– 2009 due to insufficient strength. The PGDCA program was discontinued from the academic year 2010 – 2011.

**2.2** **CATERING TO DIVERSE NEEDS**

**2.2.1** **Does the College organise orientation/induction program for freshers? If yes, give details    of the duration of programme, issues covered, experts involved and mechanism for using the feedback in subsequent years.**

Yes. Every year, for the freshers, a one-day orientation programme is conducted on the first day of  the entry into college.  The programme is aimed to give a preview of the college functioning. The issues covered in the orientation programme are:

- Vision and Mission of Arul Anandar College.
- College functioning and discipline.
- Introduction to various courses offered.
- Examination system.

The students are taken around the campus by a staff member of the department concerned to introduce the various facilities available.

The individual Departments present the CBCS to the students in a separate programme. The Department of Philosophy conducts an induction programme every year.

**2.2.2 Does the College have a mechanism through which the "differential requirements of student population" are analysed after admission and before commencement of classes? If so, how are the key issues identified and addressed?**

Yes.

- Observing the differential competency levels in English among the rural students, the department of English divides the students into stream 'A' and stream 'B' after conducting an entry level competency test.
- The curriculum of English for each stream is designed and delivered according to their competency levels.
- The Differential Streaming System has been identified by NAAC as one of the best practices in higher educational institutions.

**2.2.3 Does the College provide bridge/remedial/add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise.**

Yes.

- The Department of English conducts an entry behaviour test with structured tools developed by the faculty to test such skills as reading, writing, listening, speaking, comprehension, etc. for all the students who enter the UG programme.
- The Department of English conducts a one-semester bridge course out of regular class hours. The course carries one credit.
- For the aided programme students (Shift I) the bridge course in English is conducted in the afternoon, while for the self-financed courses (Shift II) it is conducted in the forenoon.
- The remedial courses are effectively conducted by the Departments of English, Mathematics, RDS and IT & M after the regular class hours.
- The following add-on career oriented courses are conducted by various departments.

| Department | Course |
|---|---|
| History | Tourism and Hospitality Management |
| Economics | Marketing Management |
| | Foreign Trade |
| Chemistry | Clinical Nutrition and Lab. Technology |
| Rural Development Science | Commercial Horticulture |
| | NGO Management |

**2.2.4 Has the College conducted a study on the incremental academic growth of different categories of students;-student from disadvantaged sections of society, economically disadvantaged, physically handicapped and slow learners etc.? If yes, give details on how the study has helped the College to improve the performance of these students.**

There is no formalised mechanism to study the incremental academic growth of different categories of students at the college level. Effect of quality academic delivery can be observed from the incremental academic performance of the students. As a sample analysis, the semester-wise academic performance of the 2009 batch of students indicates an increasing trend.

| Semester | Overall Percentege of Marks |
|----------|------------------------------|
| I | 52.94 |
| II | 54.15 |
| III | 56.93 |
| IV | 59.16 |
| V | 58.8 |
| VI | 61.72 |

The average marks from first semester to the final semester shows an overall increasing trend implying the constant motivation and special care of the students during their course of study.

**2.2.5 How does the institution identify and respond to the learning needs of advanced learners?**

The advanced learners are identified by their performance in the class tests, internal assessment tests, end-semester examinations, class room communication and interaction.

Such students are encouraged
- To take self-learning courses for additional credits.
- To present papers, posters, power point presentations in the association meetings and seminars.
- To participate in paper presentation and other academic competitions conducted by other Institutions.
- To undertake guided net-based learning, net-based assignments and additional reading.
- In the department of RDS, the advanced learners are encouraged to participate in Peer-Learning process.

- Students using the Government given laptops convert the notes taken during class lectures to power points and share it with others.
- To take up higher studies by providing information on the avenues and opportunities for further study and research, and
- To prepare for competitive examinations.

**2.2.6  How does the Institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?**

- The admission committee facilitates admission of differently-abled students in various courses.
- The College counsellors and the mentors give assistance and guidance to them.
- In Part IV courses, which involve physical work, the students are given activities according to the nature of their physical ability.
- Newly constructed buildings, hostels, toilets are provided with ramps and rails to help the differently-abled students.
- The differently-abled students are financially supported through scholarships.

**2.3  TEACHING-LEARNING PROCESS**

**2.3.1  How does the College plan and organise the teaching, learning and evaluation schedules? (Academic calendar, teaching plan and evaluation blue print, etc.)**

- Arul Anandar College follows semester system for all the courses except career-oriented certificate courses.
- Each semester is of 15 academic weeks duration.
- The Departments plan their academic activities for the academic year well in advance with subject allocation, preparation of course materials and evaluation pattern. The faculty members have been given the freedom to prepare teaching plan to suit the needs of the studens. The faculty members prepare power point presentations for at least two units for each paper.
- The departments submit their academic activities to the Dean's Office for incorporation in the college activity calendar.
- The college handbook, which is distributed to all the students, contains information on class schedules, test schedules and important college events.

**2.3.2  Does the College provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?**

Yes.

- The college provides syllabus books to all the students at the beginning of the academic year. This book contains course pattern and detailed syllabus of their respective disciplines along with distribution of credits to each paper.
- Students have the prior knowledge of the course plan and the teaching schedules that makes the learning process effective.
- The syllabi are also made available in the college website.

**2.3.3 What are the courses, which predominantly follow the lecture method? Apart from classroom interactions, what are the other methods of learning experiences provided to students?**

All the courses predominantly follow the lecture method.

Apart from the lectures, the departments also employ other methods of learning experiences to the students.

These are:

- Power point presentations
- Student seminars
- Educational videos
- Industrial visits
- Educational tours
- Case Studies
- Group discussions



- Participatory learning practice through field work adopted by the Department of RDS
- In-plant training and project work.
- Peer-Learning process (RDS).
- The II year UG students have started using the government issued laptops for taking class notes and also to prepare power points for class room presentations.
- The department of English adopts debates, extempore speeches and role plays for enhancing the language skills of the students.

**2.3.4 How is 'learning' made more student centric? Give a list of participatory learning activities adopted by the faculty that contribute to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.**

The following strategies are adopted by the departments, in varying degrees, to motivate the students for improved learning:

- Group discussions
- Class seminars
- Problem solving sessions

- Power point presentations by students
- Net- based assignments
- Video documentation
- Mini projects
- Modelling
- Language Laboratory – Simulation and role playing
- Debates and paper presentations
- Subject-based quiz programmes
- Laboratory work
- Language lab
- SPEAKPARK
- Learning by doing
- Submission of assignment through e-mail
- Use of smart class room

**2.3.5 What is the College policy on inviting experts/people of eminence to provide lectures/seminars for students?**

As quality, effectiveness and efficiency are the hallmarks of Jesuit higher education, Arul Anandar College encourages the departments to utilise full freedom given by the Institution to invite national and international subject experts to give lectures and to address in seminars for the students.

**2.3.6 What are the latest technologies and facilities used by the faculty for effective teaching? (Ex: virtual laboratories, e-learning, open educational resources, mobile education, etc.)**

The following technologies and facilities are used by the faculty for effective teaching.
- Power point presentations
- Animations
- Screening documentaries and feature films in Sciences and Arts
- Screening Classic English movies for better listening comprehension
- Language laboratory for English learning
- Communication Workshops
- e-learning through educational websites
- Use of Skype for video conferencing (BBA)

**2.3.7 Is there a provision for the services of counsellors/mentors/advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.**

Yes.

- Each staff member in a department is a mentor for 20 students.
- The mentor meets the individual student once in forty five days to discuss their academic performance in the class tests and internal assessment tests.
- Apart from this the mentor and mentee meet as and when required.
- Mentoring records are systematically maintained.
- Students in need of personal or psycho-social guidance are sent to trained student counsellors available in the college.
- Hostel inmates also have access to a special team of counsellors.

Number of students counselled during the last five year period

| Academic Year | Male | Female | Total |
|---|---|---|---|
| 2008-2009 | 145 | 45 | 190 |
| 2009-2010 | 160 | 52 | 212 |
| 2010-2011 | 187 | 73 | 260 |
| 2011-2012 | 204 | 95 | 299 |
| 2012-2013 | 210 | 103 | 313 |
| Total | 906 | 368 | 1274 |

**2.3.8 Are there any innovative teaching approaches/methods/practices adopted / put to use by the faculty during the last four years? If yes, did they improve the learning? What methods were used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?**

Yes.

The departments use a variety of innovative methods to create an environment conducive for encouragement and enthusiasm for learning. The following teaching approaches have been initiated by the faculty.

| | |
|---|---|
| Department of English | Debates, extempore speeches by students, role play, screening movies for improving listening comprehension, language laboratory. |
| Department of History | Screening documentaries and feature films of historical importance, visit to places of historical significance, heritage food production, Video production by camera operation and script writing. |
| Department of Economics | Field study programmes, discussions, training for writing competitive examinations, logical reasoning courses. |
| Department of Philosophy | Comprehensive examination and viva in every semester, student projects, student paper presentations, discussions. |
| Departments of Mathematics, Physics and Chemistry | Adopt computer-based teaching pedagogy. The faculty members have prepared power point presentations for enhancing the learning experience. The core courses are well supplemented by laboratory components. |

| | |
|---|---|
| Department of Rural Development Science | Gives importance to the concept of horizontal learning or peer learning. Students who attend training programmes in other institutions are encouraged to share the knowledge with their fellow students. Two final year students Mr.M.Paulraj (10RD1619) and Mr.M.Ponpandi (10RD1620) who had training in other NGOs such as I-Green and WISHVA made a presentation to the second and first year students on the themes 'Pollution' and 'E-Waste Management'. About 150 UG students gained knowledge from the experience of two students.<br><br>Yet another peer learning programme was organized on 14th February, 2013 wherein two first year students Mr.P.Guru Eswar (12RD1648) and Ms.G. Meenakshi (12RD1616) who underwent one week training at SVN College on the Application of Science and Technology for Rural Areas (ASTRA) Programme, made power point presentation to their peers and shared the knowledge gained in the training programme. This peer learning helped 62 first year students from the resources shared by two students. |
| Department of Commerce, BBA, IT & M | Have made in-plant training/projects for imparting industry orientation to the students. BBA has attempted lectures through video conferencing using Skype. |

**2.3.9  How does the College create a culture of instilling and nurturing creativity and scientific temper among the learners?**

The following programmes organised by the departments and other units of the College instil and nurture creativity and scientific temper among the students.

- Departments of Mathematics, Chemistry and Computer Applications encourage creativity and scientific temper among the students by making them prepare subject models and do mini projects.

- 'Saral' a Drama Fest organised by the Department of Tamil and Theatre Fest organised by the Department of English are inter-departmental competitions wherein students script and direct a drama to be staged by each department.

- Weekly discussion programme 'Bhudan Virundhu' (Wednesday Feast) is a platform wherein topics of importance are presented and discussed for creating awareness among the students.

- Environmental Awareness programmes and exhibitions organised by Department of Environmental Studies, Nature Club, etc.

- Science Mela and exhibitions organised by the College provide an opportunity for the students to listen to scientists from premier institutions in India and also to exhibit their creativity.

- Taking students to research centres help in understanding the recent developments in various fields. The first year UG students of the Department of RDS were taken to the School of Energy, Madurai Kamaraj University on 11th February, 2013, to observe different models available for energy production, conservation and management. Dr.Kannan, Professor and Head, School of Energy, Madurai Kamaraj University explained various aspects of energy and the need for conservation. This visit was aimed at making the students to understand the energy related issues they study in the theory paper Energy Science.

**2.3.10 Does the College consider student projects a mandatory part of the learning programme? If so, for how many programmes is it made mandatory? Number of Projects executed within the College * Names of external institutions associated with the College for student project work * Role of the faculty in facilitating such projects**

Yes. Project work has been made mandatory for the following courses (6 PG, 1 Professional and 7 UG)

**PG Courses**
- M.A. Economics
- M.A. Philosophy
- M.Sc. Mathematics
- M.Sc. Physics
- M.Sc. Rural Development Science (RDS)

**Professional Course**
- MCA

**UG Courses**
- II B.A. History students take Video Documentaries Production as project work.
- B.B.A. (Business Administration)
- B.Com. with Computer Applications
- B.Sc. Information Technology and Management
- B.Sc. Physical Education
- B.A. English Literature
- B.Sc. Computer Science

PG students carry out their projects within the College.

MCA students carry out projects during the VI semester in the reputed external institutions.

Business Administration, Commerce and IT & M students undergo institutional training and carry out projects with assistance of the faculty and the companies.

The external institutions associated with the college for institutional training and projects are:

### Department of Computer Applications (For Projects)

| Sl.No | Company Name & Address | Sl.No | Company Name & Address |
|---|---|---|---|
| 1 | UR Mind Soft Technologies, Chennai. | 8 | Mani India Technology Pvt Ltd. Kovilpatti. |
| 2 | Nest Software Solutions, Chennai. | 9 | Lumino Soft Technology Solutions, Chennai. |
| 3 | 7 Layers IT services, Chennai. | 10 | India Business Solutions, Chennai. |
| 4 | DE Horizone Technologies Pvt Ltd. Chennai. | 11 | Candela Soft Technologies, Chennai. |
| 5 | Innovates Solutions, Chennai. | 12 | Cambridge Technology Solutions, Chennai. |
| 6 | Facultas Software, Chennai. | 13 | Infotek Global India, Chennai. |
| 7 | JJ Software, Chennai. | | |

### Department of Commerce (for Institutional Training)

| Sl.No | Company Name & Address | Sl.No | Company Name & Address |
|---|---|---|---|
| 1 | Susee Automobiles, Madurai. | 21 | ABT Maruti Service, Madurai. |
| 2 | VKS Biscuit Company, Usilampatty. | 22 | Sree Jayajothi Ltd. Madurai. |
| 3 | Shri Kandha Spinning Mill Pvt. Ltd. Rajapalayam. | 23 | Sri Vakkrakaliamman Spinning Mills Pvt. Ltd. Nilakottai. |
| 4 | Sri Guru Krishna Textile Mills, Theni. | 24 | New Sethil Traders, Theni. |
| 5 | Sri Jayajothi & Co. Ltd., Rajapalayam. | 25 | Ventura Clothing & Textiles, Tirupur. |
| 6 | Anna Coop. Spinning Mills, Rajapalayam. | 26 | KAR Leather Pvt Ltd. Dindugal. |
| 7 | Saravana Textiles Pvt. Ltd., Rajapalayam. | 27 | Janakiram Mills Pvt.Ltd. Rajapalayam. |
| 8 | AAVIN, Madurai. | 28 | Saravana Textiles Pvt. Ltd., Rajapalayam. |
| 9 | Makali Spinning Mills Pvt. Ltd., Srivilliputhur. | 29 | Periyar Poly Products Ltd., Cumbum. |
| 10 | Velmurugan Paper Board Mill, Vadipatti. | 30 | Vasantha Fireworks Factory, Sivakasi. |
| 11 | Rajshree Sugars and Chemicals, Andipatti. | 31 | Quality Inn, Sabari Resorts, Kodaikanal. |
| 12 | Sree Ragupathi Spinners Pvt. Ltd., Thirumangalam. | 32 | Jeevan Auto Zone, Madurai. |

| 13 | Madura Coats Pvt. Ltd., Madurai. | 33 | A G M Associates, Tuticorin. |
|----|----------------------------------|----|------------------------------|
| 14 | TATA Teleservices Pvt. Ltd., Madurai. | 34 | Premier TVS, Dindigul. |
| 15 | Sri Senthil Textiles, Erode. | 35 | Annai Velankanni Trading, Chennai. |
| 16 | Suguna Poultry Farm, Salem. | 36 | ATK  Textile Pvt. Ltd., Theni. |
| 17 | ABT TATA Motors, Madurai. | 37 | Thalayan Yamaha Motors, Madurai. |
| 18 | Anbu TVS Motors Company, Ramnad. | 38 | Vishnu Balaji Textile Mills, Kappalur. |
| 19 | Kathiravan Bakers Ltd., Madurai. | 39 | Sahayamary Steel Industry, Kalugumalai. |
| 20 | Sri Pandian Motors, Madurai. | 40 | KCS Associates, Madurai. |

## Department of Information Technology & Management (For Project Work)

| Sl.No | Company Name & Address | Sl.No | Company Name & Address |
|-------|------------------------|-------|------------------------|
| 1 | Green Valley Mineral water, Theni. | 35 | Kodai IDI Motors, Ramanathapuram. |
| 2 | Mahindra Scorpio, Madurai. | 36 | ScovilInfon Technology, Theni. |
| 3 | Nithya Motors, Karaikudi. | 37 | Shree Om Comtech Pvt. Ltd., Chennai. |
| 4 | Sarvodaya Seva Sangh, Dindigal. | 38 | St.Aloysius HS School, Theni. |
| 5 | Jsoft Technologies, Dindigal. | 39 | Graintek Pvt. Ltd., Chennai. |
| 6 | Sangeetha Software Solutions, Trichy. | 40 | Michel Matriculation School, Salem. |
| 7 | SRM Infotech Pvt. Ltd., Madurai. | 41 | St.Joseph High School, Kodaikanal. |
| 8 | INVICTUS (P) Ltd, Chennai. | 42 | Sree Renuka Nursing, Madurai. |
| 9 | Lexx Software Solution, Madurai. | 43 | Sachin's Capitals & Investments, Cumbum. |
| 10 | Goodwill Team Paper Ltd. Madurai. | 44 | Pandiyan Motors, Tirumangalam. |
| 11 | Hampshire Public School, Madurai. | 45 | Star Shine Software Solution, Madurai. |
| 12 | SSI-Aptech, Madurai. | 46 | Netlink Service, Ltd., Chennai. |
| 13 | Focus Matric HS School, Vadipatti. | 47 | ELCON Industry, Chennai. |
| 14 | BSNL Corporate. Madurai | 48 | Madura Steel (P) Ltd. Dindigul. |
| 15 | TVS & Sons , Madurai | 49 | Hero Honda, Usilampatti |
| 16 | Berger Paints, Dindigul | 50 | Anna Coop. Spinning Mill Ltd., Andipatti. |

| 17 | Software Solution Integrated Ltd., Madurai | 51 | Annai Memorial Hospital, Cumbam. |
|----|-------------------------------------------|----|----------------------------------|
| 18 | Bharat PVC Pipes Pvt Ltd., Cumbam | 52 | Joordan Construction, Nagercoil. |
| 19 | Kalai Ad's, Madurai. | 53 | Tactics Technology, Madurai. |
| 20 | Senthil Hospital, Elumalai | 54 | Bharat Rubber India Ltd., Madurai. |
| 21 | Jainsons Vivek Ltd, Madurai. | 55 | Software infotech, Madurai. |
| 22 | SSI Education, Madurai. | 56 | Jen Technologies, Madurai. |
| 23 | GNIIT Computer Education, Madurai. | 57 | House of NAGA, Dindigul. |
| 24 | Vahini Digital Studio, Periyakulam. | 58 | Sundara Industries Ltd., Madurai. |
| 25 | Sree Krishna Paper Mills, Uthamapalayam. | 59 | SRM System and Software, Chennai. |
| 26 | Faith Infotech, Kerala | 60 | Mahalakshmi Cements, Madurai. |
| 27 | Madurai Jesuit Welfare Trust, Madurai. | 61 | SS Infotech, Madurai. |
| 28 | Phoenix Soft Tech, Madurai. | 62 | Iovite Universal Ad Makers, Madurai. |
| 29 | Software Solution Integrated Ltd., Madurai. | 63 | Palaniappa Motors Pvt. Ltd., Dindigul. |
| 30 | ABI & ABI Motors, Tanjavur. | 64 | TVS Rubber Industry, Madurai. |
| 31 | ADR Polymer, Madurai. | 65 | Madura Coats Ltd., Madurai. |
| 32 | HNU Balaji Textile Mills, Kappalur. | 66 | TEDDY Exports, Madurai. |
| 33 | Sandhya Motors, Chennai. | 67 | Jerome Match Works, Tirunelveli. |
| 34 | Khivraj Motors, Chennai. | 68 | Vishnu Freights, Madurai. |

### Department of Business Administration (in-plant training)

| S.No | Company Name & Address | S.No | Company Name & Address |
|------|------------------------|------|------------------------|
| 1 | Port Trust Management in Chennai. | 2 | Sree Sakthi Milk Products Private Limited, Theni |
| 3 | Anna Co-operative Spinning Mills Ltd., Andipatti. | 4 | Sahaya Mary Steel Company, Kalugumalai. |
| 5 | ABT Maruthi Pvt. Ltd., Madurai. | 6 | Susee Cars & Trucks Pvt. Ltd., Madurai. |
| 7 | Raj Sri Sugar and Chemicals, Madurai | 8 | Bhargave Rubber Private Ltd., Madurai. |
| 9 | G.V.Hospital, Usilampatti. | 10 | TVS Srichakra, Vellarippatti. |

| 11 | Keran Matriculation School, Checkanurani. | 12 | Pioneer spinners, Kamudakudi. |
|----|------------------------------------------|----|-------------------------------|
| 13 | Aravind Eye Hospital, Theni. | 14 | Vaigai Chemicals India Ltd., Vadipatti. |
| 15 | Bharath Pipes, Cumbam. | 16 | Dhanalakshmi Paper Mills (P) Ltd, Vilampatti. |
| 17 | Manner Salt Corporation, Sri Lanka. | 18 | Rasathe Garments, Uranganpatti, Madurai. |
| 19 | Selvaraj Textiles, Madurai. | 20 | Poornachandra Cashew Company, Kollam. |
| 21 | St. Claret Hr.Sec.School, Chekanurani. | 22 | Larsen &Toubro Ltd., Chennai. |
| 23 | Vivek's Limited, Madurai | 24 | Tamilnadu Asbestos, Alangulam. |
| 25 | State Bank of India, M.K.U. Branch, Madurai | 26 | Meenakshi FireWorks, Sivakasi |
| 27 | Deepa Motors(Hero Honda), Rajapalayam | 28 | UK Textiles, Thirupur. |
| 29 | Prime Textiles (P) Ltd., Thirupur. | 30 | Super Belt , Dindigul. |
| 31 | Mahindra Tractors Private Ltd., Madurai. | 32 | Mahasemam Trust, Madurai. |
| 33 | M.M.Motors, Theni Dt. | 34 | TAFE Madurai. |
| 35 | Amirtha Ice cream Company Pvt. Ltd, Theni Dt. | 36 | Kamayam Sivasakthi Food Products (P) Ltd., N.T.Patti, Cumbum Valley. |
| 37 | GRT Regency in Madurai | 38 | Fatima  Match Works, Sevalkulam. |
| 39 | Sri Durga Devi International, Tirupur. | 40 | Hi-tech Arai Private Limited, Chinnachokkikulam, Madurai. |
| 41 | Berger Paints, Madurai. | 42 | The Blitz Knitting Co., Tirupur. |
| 43 | Fenner India Ltd, Madurai | 44 | Muthoot Finance Ltd., Madurai. |
| 45 | Ayya Communication, Theni Dt. | 46 | Simfra Frozen Foods (P) Ltd., Madurai. |
| 47 | Vaigai FineTex, Nillakottai. | 48 | Kaleeswarar Mills, Kalayarkoil. |
| 49 | Rasi Printings, Sivakasi. | 50 | Vinayagar Paper Mills (P) Ltd., Virudhunagar. |
| 51 | Nanjil Milk Plant, Mulagumoodu. | 52 | Hotel Park Plaza, Madurai. |
| 53 | Ad India, Thirunagar, Madurai. | 54 | L.S. Spinning Mill (P) Ltd., Theni. |
| 55 | Gaurav Export Traders, Tirupur. | 56 | VKS Biscuits Company Pvt Ltd., Usilampatti. |
| 57 | Precision Eq. Pvt Ltd., Chennai. | 58 | Sarvalakshmi Paper Mills (P) Ltd., Vilampatti. |
| 59 | Nimmadhi Matresses (P) Ltd., Madurai. | 60 | Tamilnadu Cement Corporation Ltd, Alangulam. |

| | | | |
|---|---|---|---|
| 61 | Pepsico Indis Holding (P) Ltd., Madurai. | 62 | Hi-tech Arai Private Limited, chinnachokkikulam, Madurai. |
| 63 | Mahindra Tractors Private Ltd., Madurai. | 64 | Periyar Poly Products, Cumbam. |
| 65 | Hindustan Unilever Pureit Ltd., Rajapalayam. | 66 | VeeBee Yarntex Private Limited, Rajapalayam. |
| 67 | Bharathy Self-Help Group, Seshapuram. | 68 | Vaigai Agro Products Limited, Madurai. |
| 69 | Jayam TVS Motors, Thirumangalam. | 70 | L&T South City Project Limited, Chennai. |
| 71 | Meenakshi Mission Hospital and Research Center, Madurai. | 72 | Shri Renuga Textiles Limited, Madurai. |
| 73 | Sapthagiri PolyPrinters (India) Private Limited, Sivakasi. | 74 | Sri VakiraKaali Amman Spinning Mills. Dindigul. |
| 75 | JBR Bakery, Usilampatti. | 76 | Idhayam Oil (P) Ltd., Chennai. |
| 77 | Armstrong Textiles, Madurai. | 78 | Sri Meenakshi Spinning Mills Pvt. Ltd., Madurai. |
| 79 | Periyar Poly Products, Cumbam. | 80 | Vee Bee Yarn Textile Pvt. Ltd., Chennai. |
| 81 | Benso Garmenting, Tirupur. | 82 | Adithya Ferro Cast India Private Ltd., Chennai |
| 83 | Adithya Ferro Cast India Private Ltd., Chennai. | 84 | Sakthi Sugar Limited, Chennai. |
| 85 | Jayalakshmi Fire Works, Rajaplayam. | 86 | Hotel Sabari Resorts & International, Kodaikannal. |
| 87 | Bharath Pipe Industries, Cumbam | 88 | G.M.S. Processors Private Limited, Chennai. |
| 89 | Thirumalai Textiles, Thiruppur. | 90 | Carlton Hotel (5 star), Kodaikanal. |
| 91 | Goodwill Paper Mills Private Ltd., Chennai. | 92 | Hotel Apple Valley, Kodaikanal. |
| 93 | Peeve Knitwear, Tirupur. | 94 | Carocare International, Tuticorin. |
| 95 | SKV Hospital, Usilampatti. | 96 | Dindigul Chemical Products, Dindigul. |
| 97 | Kannan Devans Hills Plantations Company Private Ltd., Theni. | 98 | ZF TVS Electronics Limited, Madurai. |

Role of Faculty in facilitating such projects

- Faculty guide the students in designing, planning, organizing, undertaking and reporting the project works.
- Assist the students in the preparation of power point / viva voce.
- Motivate the student into furthering his /her research.
- Give technical guidance in gadgets operation.

**2.3.11  What efforts are made to facilitate the faculty in learning/handling computer-aided teaching/learning materials? What are the facilities available in the College for such efforts?**

INFLIPNET is available to get access to e-Journals and published sources.

- Every department is provided with LCD projector for ICT enabled learning.
- During the second cycle of accreditation the college had low speed internet connectivity due to problems with BSNL area coverage. Now 2 Mbps internet connectivity is available and this has facilitated linking the departments through LAN.
- All the Departments have been provided with laptops and desktops for preparing e-learning materials and also to download teaching materials from the net.
- Training programmes are organised for the faculty to help preparing computer-based teaching-learning materials.
- The Department of Computer Science helps the faculty to prepare the e-learning materials.

**2.3.12  Does the College have a mechanism for evaluation of teachers by the students/alumni? If yes, how is the evaluation used in achieving qualitative improvement in the teaching-learning process?**

Yes. The IQAC administers a structured questionnaire to the students for the evaluation of teachers. The faculty members are evaluated on a five point scale by the students.

This kind of evaluation has made a huge impact on the teaching-learning process with a visible improvement in teacher quality. The evaluation also helps the college to arrange staff training/orientation programmes for capacity building.

**2.3.13  Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If yes elaborate on the challenges encountered and the institutional approaches to overcome these.**

No.

**2.3.14  How are library resources used to augment the teaching-learning process?**

The college has a well-stacked Library. The Library has multiple copies of necessary text books in all disciplines. Reference books, books for competitive examinations, journals and magazines are available for students. A collection of e-books and educational videos are available as CDs for the use of the faculty to enhance the teaching process. A separate section in the library houses research theses and dissertations for reference purposes. The students are also guided by faculty to proper utilisation of Library resources. To facilitate the effective utilisation by students the Library is kept open from 8.30 am to 6 pm on all working days and from 10 am to 4 pm on holidays (except Sundays).

**2.3.15 How does the institution continuously monitor, evaluate and report on the quality of teaching, teaching methods used, classroom environments and the effect on student performance.**

**Quality of Teaching:** The quality of teaching is assessed by administering a structured questionnaire to the students by the IQAC. Any observed limitation is rectified by arranging suitable staff training programme. The  Principal and the head of the department visit the classrooms separately for an interaction with the students to get a feedback on their learning experience.

**Classroom Environment**: The classrooms are spacious, adequately ventilated and have a pleasant ambience for a better learning. The interactive classroom environment and a variety of teaching methodologies make learning a pleasant experience.

**Student Performance**: One of the challenges the faculty face is the quality of the learning capability which is below the required standard. Continuous monitoring and mentoring, various teaching-learning methodologies, extra- and co-curricular activities make the students  acquire  soft  skills  and  perform  better  in  their academic endevours. The  awards  committee  helps  to  monitor  the  students' performance in evaluation.

## 2.4   TEACHER QUALITY

**2.4.1   What is the faculty strength of the College? How many positions are filled against  the  sanctioned  strength?  How  many  of  them  are  from  outside  the state?**

**Faculty strength as of 2012 – 2013**

**Aided Programmes**

| | | |
|---|---|---|
| Sanctioned Strength | : | 64 |
| Filled against sanctioned strength | : | 59 |
| Faculty from outside the state | : | 01 |
| Management Staff against approved vacancies | : | 05 |
| Additional Management Staff | : | 02 |

**Innovative Programme**

| | | |
|---|---|---|
| Sanctioned Strength | : | 02 |
| Filled against sanctioned strength | : | 02 |
| Faculty from outside the state | : | Nil |

**Self – Financing Programmes**

| | | |
|---|---|---|
| Sanctioned Strength | : | 59 |
| Filled against sanctioned strength | : | 59 |
| Faculty from outside the state | : | Nil |

**2.4.2   How are the members of the faculty selected?**

- Selection of staff to the departments is entirely coordinated by the Jesuit Higher Education Commission.

- Existing vacancies are advertised by the Jesuit Higher Education Commission in leading Tamil and English newspapers inviting applications from eligible candidates.
- The short-listed candidates as per the norms stipulated by the Jesuit Higher Education Commission are interviewed by a panel comprising
    - Coordinator of Jesuit Higher Education Commission
    - College Secretary
    - Principal
    - One subject Expert
    - Head of the Department concerned
- The selection of the candidate is based on
    - Academic Qualification
    - Teaching Experience
    - Publications
    - Performance in the Interview
    - Sharing the vision and mission of the Institution
    - Weightage is given to SC/ST, rural, first-generation graduates and Catholic Christians
- Based on these aspects the rank order is prepared by the Coordinator, Jesuit Higher Education Commission and is sent to the Chairperson of the College for his concurrence. The selected candidate is appointed by the Secretary of the College.

### 2.4.3 Furnish details of the faculty
### As of 2012 – 2013

#### Aided Courses

| Highest Qualification | Associate Professor | | Assistant Professor | | Total |
|---|---|---|---|---|---|
| | Male | Female | Male | Female | |
| Permanent Teachers | | | | | |
| Ph.D. | 27 | -- | 11 | 3 | 41 |
| M.Phil. | 3 | -- | 7 | 3 | 13 |
| PG | 1 | -- | 4 | -- | 5 |
| TOTAL | 31 | -- | 22 | 6 | 59 |
| Management Staff | | | | | |
| Ph.D. | -- | -- | | | |
| M.Phil. | -- | -- | 3 | 1 | 4 |
| PG | -- | -- | 2 | 1 | 3 |
| TOTAL | | | 5 | 2 | 7 |

#### Innovative Course + Self-Financed Courses

| Highest Qualification | Assistant Professor | | Total |
|---|---|---|---|
| | Male | Female | |
| Ph.D. | 3 | 4 | 7 |
| M.Phil. | 17 | 22 | 39 |
| PG | 8 | 7 | 15 |
| TOTAL | 28 | 33 | 61 |

**2.4.4** **What percentage of the teachers have completed UGC-CSIR-NET, UGC-NET and SLET exams? In that what percentage of teachers are with PG as highest qualification?**

Percentage of Teachers having completed UGC NET/SLET

| | | |
|---|---|---|
| Aided | : 17% | (Ten out of Fifty Nine) |
| Management Staff | : 14% | (One out of Seven) |
| Innovative + Self-Financed | : 15% | (Nine out of Sixty One) |

Percentage of Teachers having PG as highest qualification

| | | |
|---|---|---|
| Aided (Permanent) | : 8% | (Five out of Fifty Nine) |
| Management Staff | : 43% | (Three out of Seven) |
| Innovative + Self-Financed | : 10% | (Six out of Sixty One) |

**2.4.5** **Does the College encourage diversity in its faculty recruitment? Provide the following departments-wise details.**

Yes. The College encourages diversity in its faculty recruitment.

| Department | % of faculty who are product of the same College | % of faculty from other Colleges within the State | % of faculty from other States | % of faculty from abroad |
|---|---|---|---|---|
| Tamil | - | 100% | - | - |
| English | - | 100% | - | - |
| History | - | 100% | - | - |
| Economics | 10% | 90% | - | - |
| Philosophy | 33% | 56% | 11% | - |
| Mathematics | 15% | 85% | - | - |
| Physics | 10% | 90% | - | - |
| Chemistry | - | 100% | - | - |
| RDS | 38% | 62% | - | - |
| Commerce (Aided) | - | 100% | - | - |
| Food Science and Technology | - | 100% | - | - |
| English Literature | - | 100% | - | - |
| Business Administration | - | 100% | - | - |
| Phys. Education | - | 100% | - | - |
| IT & M | - | 100% | - | - |
| Computer Science | 33% | 67% | - | - |
| Commerce | 22% | 78% | - | - |
| Computer Applications | - | 100% | - | - |
| Physical Director | - | 100% | - | - |
| Librarian | - | 100% | - | - |

**2.4.6 Does the College have the required number of qualified and competent teachers to handle all the courses for all departments? If not, how do you cope with the requirements? How many faculty members were appointed during the last four years?**

Due to inordinate delay from the Government of Tamil Nadu in approving the appointees in the retired vacancies, the management has filled in those vacancies with management staff as detailed below. This arrangement is made to ensure undisturbed academic delivery to the students.

| Year | Number of Management Staff appointed |
|---|---|
| 2008-09 | 15 |
| 2009-10 | 14 |
| 2010-11 | 17 |
| 2011-12 | 21 |
| 2012-13 | 07 |

For the self-financed courses required number of faculty members is appointed.

**2.4.7 How many visiting Professors are on the rolls of the College?**

Two (Hindi and French)

**2.4.8 What policies/systems are in place to recharge teachers? (e.g., providing research grants, study leave, nomination to national/international conferences/Seminars, in-service training, organising national/international conferences etc.)**

The following policies are in place for academic recharging of teachers

- The faculty members are encouraged to attend orientation/refresher courses and necessary leave is granted to them.
- The faculty members are given necessary assistance for getting travel grants from UGC for attending conferences.
- The college organises faculty development programmes for the newly-appointed staff.
- The departments are encouraged to organise national/international conferences
- The faculty members are provided study leave/other duty to attend conferences/seminars .
- Registration fee payable by faculty members for paper presentation in National conferences is borne by the college.

**2.4.9 Give the number of faculty who received awards/recognitions for excellence in teaching at the state, national and international level during the last four years.**

Dr. M. Maria John Kennedy, Associate Professor of Economics, received 'Best Economics Teacher in Tamil Nadu' award from Malcolm & Elizabeth Adiseshiah Trust, Chennai for the year 2011-2012

**2.4.10 Provide the number of faculty who have undergone staff development programmes during the last four years. (Add any other programme if necessary)**

| Academic Staff Development Programmes | Number of Faculty | | | | |
|---|---|---|---|---|---|
| | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012 - 13 |
| Refresher Courses | 2 | 4 | - | - | 5 |
| Orientation Programmes | 1 | 2 | 1 | 4 | - |
| Staff Training conducted by University/Other Colleges | 1 | 4 | 9 | 13 | 16 |
| Any other (Mentor Care) | - | - | - | 1 | - |

**2.4.11 What percentage of the faculty have**

- Been invited as Resource Persons in Workshops/Seminars/Conferences organised by external professional agencies (Universities/Colleges)

| Year | Faculty (Aided) | Faculty (Management + Self-Financed) |
|---|---|---|
| 2008-09 | 17/57 = 30% | 3/69 = 4% |
| 2009-10 | 19/56 = 34% | 3/55 = 5% |
| 2010-11 | 20/51 = 39% | 7/60 = 12% |
| 2011-12 | 12/48 = 25% | 11 /71 = 15% |
| 2012-13 | 16/59 = 27% | 6/68 = 9% |

- Participated in external Workshops/Seminars/Conferences recognised by national/international professional bodies (Universities/Colleges)

| Year | Faculty (Aided) | Faculty (Management + Self-Financed) |
|---|---|---|
| 2008-09 | 27/57 = 47% | 11/69 = 16% |
| 2009-10 | 14/56 = 25% | 10/55 = 18% |
| 2010-11 | 34/51 = 67% | 46/60 = 77% |
| 2011-12 | 38/48 = 79% | 41/71 =58% |
| 2012-13 | 23/59 = 39% | 26/68 = 41% |

- Presented papers in workshops/Seminars/Conferences/conducted or recognised by professional agencies(Universities/Colleges)

| Year | Faculty (Aided) | Faculty (Management + Self-Financed) |
|---|---|---|
| 2008-09 | 12/57 = 21% | 7/69 = 10% |
| 2009-10 | 13/56 = 23% | 10/55 = 18% |
| 2010-11 | 17/51 = 33% | 24/60 = 40% |
| 2011-12 | 14/48 = 29% | 13/71 = 18% |
| 2012-13 | 22/59 = 37% | 11/68 = 16% |

- Teaching experience in other universities/national institutions and others: Nil
- Industrial engagement                      : Nil
- International experience in teaching       : Nil

**2.4.12  How often does the College organise academic development programmes for its faculty, leading to enrichment of teaching-learning process? Curricular Development *Teaching-Learning Methods *Examination reforms *Content / Knowledge Management *Any other**

The IQAC organises academic development programmes at regular intervals for the faculty, especially for the newly-recruited, on areas of teaching-learning and curricular development. Eminent academicians from reputed colleges and faculty members of Arul Anandar College contribute to these programmes.

The topics covered in the training programmes are:
- Academic Calendar
- Academic Audit
- Classroom Management
- Classroom Communication
- Teaching Aptitude and Student-Centred Instruction Methods
- Question Bank and Item Construction
- ICT in Teaching-Learning Process
- Multimedia Learning Materials
- Power Point presentations Techniques

**2.4.13  What are the teaching innovations made during the last four years? How are innovations rewarded?**

The teaching innovations adopted by the Departments are:
- E-content developed by the faculty members
- E-resources from the net
- Educational videos – Department of History, English, Chemistry, Physics
- Field Work (RDS Department) – Agricultural farms, VETEX, Animal farms
- In-plant Training in Industries by Departments of Commerce and IT & M
- Videography (History)
- Net-based assignments
- Power point Presentations – all departments have prepared power points for supplementing the lectures
- Student Seminars – Departments of Economics, Philosophy, Mathematics, Physics and Chemistry conduct seminars in which the students prepare and present power points on various topics.
- The second year students of the Department of RDS use the free laptops provided by Tamil Nadu Government to prepare power point presentation on different topics relevant to Horticulture. Besides, the subject matter prepared by the course teacher was copied in all the laptops and they observed the notes while the teacher was handling the class. This made them show much interest in innovative learning process.

Innovations in teaching are recognised and appreciated through monetary rewards. Best Teacher Award has been constituted separately for regular and self-financed faculty. A citation and cash award is given to the best teacher.

**2.4.14  Does the College have a mechanism to encourage mobility of faculty between institutions for teaching? Faculty exchange programmes with national and international bodies?**
**If yes, how have these schemes helped in enriching quality of faculty?**

No.

## 2.5    EVALUATION PROCESS AND REFORMS

**2.5.1.  How does the College ensure that all the stakeholders are aware of the evaluation processes that are operative?**

Stakeholders are made aware of the evaluation processes in the following ways:

- College Hand Book & Calendar
    - A scheme of UG & PG evaluation on Internal and External (Theory & Practical) examinations is printed in the college hand book.
    - The evaluation process and the question paper pattern are printed in the syllabus book given to students.
- Orientation Programme for the Freshers
    - The Controller of Examinations explains the evaluation process to the students during Orientation Programme for the Freshers.
- Parents – Teachers Association Meetings.
- College website.

**2.5.2.  What are the major evaluation reforms initiated by the College and to what extent have they been implemented in the College? Cite a few examples which have positively impacted the evaluation management system?**

Major Evaluation Reforms initiated by the college are:

- Pre–audit of end semester examination question papers and 20% modification is permitted based on set criteria.
- Transparency in valuation: Continuous Internal Assessment (CIA) test papers are returned to the students after valuation. The end-semester answer scripts are given to the students explaining the scheme of valuation.
- In the department of RDS, the evaluation is done by NGOs for 50% of marks in field work and practical examination for UG students.
- The Department of Philosophy has adopted year-wise oral examination for UG programme and written and viva-voce comprehensive examination for III year UG students at the end of VI semester.
- Results are published on the college website.
- Transparency and pre-audit show a positive impact on the system.

**2.5.3. What measures have been taken by the institution for continuous evaluation of students and ensuring their progress and improved performance?**

Continuous evaluation of students is done throughout the semester by conducting two internal tests and regular assignments, seminars, field work, viva – voce, quiz programmes, practical, projects, etc.

Even though there is no passing minimum for internal assessment, as a student supportive measure, option for improving the internal marks is allowed on the completion of the course.

**2.5.4. What percentage of marks is earmarked for continuous internal assessment? Indicate the mechanisms strategized to ensure rigour of the internal assessment process?**

Continuous Internal Assessment (CIA) evaluation pattern for UG & PG

The total marks for CIA are 50, distributed as follows:

| Distribution of Marks in CIA | |
|---|---|
| | Marks |
| First Internal Test | 20 |
| Second Internal Test | 20 |
| *Seminar/Assignment/Quiz/ Viva-Voce/Field work | 10 |
| TOTAL | 50 |

*The course teacher has the freedom to use any of the components.

Mechanism strategized to ensure rigour of CIA.

- Internal evaluation pattern is evolved by the Board of Studies concerned and approved by the Academic Council.
- CIA test is centralized. The answer scripts are valued in a week's time and are returned to the students. The scheme of valuation is explained to them.
- The marks obtained by the students are recorded in a register and the final consolidated CIA marks are shown to the students for verification and signing.
- The Head of the Department countersigns the internal marks register and sends it to the Controller's Office for data entry.

**2.5.5. Does the College adhere to the declared examination schedules? If not, what measures have been taken to address the delay?**

Yes.
The college adheres to the declared examination schedules.

**2.5.6. What is "the average time taken by the College for declaration of examination results"? Is indicated the mode/media adopted by the College for the publication of examination results e.g., Website, SMS, Email, etc.**

The average time taken by the college for declaration of examination results is one month from the date of the last examination. The results are uploaded and released on the college website and are also displayed on the college notice board.

### 2.5.7. Does the College have an integrated examination platform for the following processes?

**Pre-examination process- time table generation, OMR, student list generation, invigilators, attendance sheet. Examination processes – Examination material management and Logistics. Post-examination process – attendance capture, OMR based exam result and certification.**

The Office of the Controller of Examinations is ably assisted by the Chief Superintendent of Examinations for the smooth conduct of all the examination-related processes.

### Pre-Examination Processes

- The nominal list of students who take up the examinations is prepared by the Office of the Controller of Examinations with the assistance of the administrative office. The Controller's Office issues the examination applications to the students through the Departments. The fee payable and the last date of submission of the filled-in applications to the Controller's Office are indicated through notices and public address system. The examination fee is paid directly by the student at the Indian Overseas Bank branch on the campus.

- The schedule of end-semester examination is prepared by the Controller's Office and circulated to the Departments. Suggestions received from the Departments are considered and the finalised examination schedule is placed in the Examination Committee for approval. The approved examination schedule is displayed on the notice board and it is also printed in the hall tickets issued to the students.

### Examination Process

- The hall arrangement, invigilator schedule, attendance particulars are carried out by the Chief Superintendent of Examinations. The invigilation schedule is given well in advance to the faculty and it is mandatory for them to carry out the invigilation on the given date. Any change in the invigilation schedule by the staff is accommodated provided it is informed well in advance after arranging an alternative. The examination answer scripts are collected and sent to the Controller's office in sealed covers.

### Post-Examination Processes

- The valuation of answer scripts for the under graduate courses are carried out by the course teacher concerned. The valuation is a centralised process and the valuation dates are informed to the faculty members well in advance. Usually valuation of answer scripts is completed within one week after the last day of examination. The Head of the Department scrutinises 20% of the answer scripts and the marks scored are entered in the sheet provided by the Controller's office.

- For PG papers double valuation system is followed. The papers are sent to the External examiners for door valuation. The marks are entered separately in a scoring sheet. The papers are then valued by the internal examiner. If the difference is beyond 10%, the papers are sent for third valuation and the average of the nearest two is taken as the final mark.

- The marks are then entered by the Controller's office and the results are generated. As there is a transparency process for UG programme, the answer scripts are given to the students for verification and clarification. Any correction in the marks awarded is carried out. The final result is placed in the Awards Committee for approval and declaration. The results are displayed on the college notice board and also on the college website.
- Certification: The outgoing students are given consolidated mark statement indicating the final CGPA. For others, semester-wise mark statements are given.

### 2.5.8. Has the College introduced any reforms in its Ph.D. evaluation process?

No.

The Ph.D. evaluation is done by the affiliating Madurai Kamaraj University.

### 2.5.9. What efforts are made by the College to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved process and functioning of the examination division/ section?

The Office of the Controller of Examinations is provided with necessary clerical assistance and also a computer programmer. The Pre-examination, Examination and Post examination operations of the Office of the Controller of Examinations are fully computerized using Visual Basic as the front end and Oracle as the back end. High speed networked digital photocopiers and printers have been provided to speed up the printing of question papers and mark statements. The mark statement contains hologram of the college and the photograph of the candidate to make it tamper proof.

The facilities provided are:

1. RICOH Copier - 100 copies/Minute
2. LIPI Tally Printer - 6 Mark Statements/Minute
3. CANON Digital Scan & Copier - 40 Copies/Minute

   The above efforts are very helpful for timely completion of the activities of the Office of the Controller.

### 2.5.10. What is the mechanism for redressal of grievances with reference to evaluation?

The Transparency system helps the students get their grievances related to the evaluation of their papers addressed to the course teacher on transparency day. If they are not satisfied, they can approach the Head of the Department. The student can also apply for revaluation to redress the grievance.

### 2.6 STUDENT PERFORMANCE AND LEARNING OUTCOME

### 2.6.1 Does the College have clearly stated learning outcomes for its programmes? If yes, give details on how the students and staff are made aware of these?

Yes. The College has a clearly stated learning outcome for its programmes.

- To provide fundamental knowledge in their subjects.
- To promote synthetic and analytical skills of the students.
- To provide necessary skills to take up higher studies.
- To improve employability
- To inculcate a sense of social responsibility and commitment, and
- The Language programmes have a strong orientation toward communication skills.

The learning outcomes are clearly made known to the students at the orientation programme organised by the College and the Department. The faculty members are made aware of these goals through the staff orientation programmes organised at the beginning of the academic year.

**2.6.2  How does the Institution monitor and ensure the achievement of learning outcomes?**

The Departments monitor the achievement of learning outcomes by analysing the results of the continuous internal assessment and the end semester examinations.

**2.6.3  How does the Institution collect and analyse data on student learning outcomes and use it for overcoming barriers of learning?**

The Office of the Controller of Examinations provides the statistical data on the examination results. The performance of students is reviewed while presenting the results in the Awards Committee and is analysed in the Department meetings and necessary remedial measures are taken. After the publication of results the Principal visits all the classes to get their feedback on their performance in the examinations and on the results declared.

**2.6.4  Give programme-wise details of pass percentage and completion rate of students.**

### UG – Programme-wise pass percentage (Out-going)

| MAJOR | 2005-08 | 2006-09 | 2007-10 | 2008-11 | 2009-12 | 2010-13 |
|---|---|---|---|---|---|---|
| B.A. Economics | 69.23 | 87.18 | 52.73 | 79.07 | 67.50 | 52.8 |
| B.A. History | 88.37 | 76.32 | 50.00 | 80.43 | 72.10 | 42.9 |
| B.A. Philosophy | 100 | 100 | 100 | 100 | 96.67 | 100 |
| B.Sc. Maths. | 83.33 | 63.27 | 94.87 | 94.00 | 78.00 | 90.7 |
| B.Sc. Chemistry | 56.00 | 71.43 | 58.33 | 70.27 | 64.29 | 63.8 |
| B.Sc. Physics | 88.30 | 80.00 | 83.33 | 86.67 | 89.48 | 70.3 |
| B.Sc. RDS | 85.11 | 87.18 | 61.90 | 91.11 | 63.83 | 41.8 |
| B.Com. | 85.71 | 79.63 | 59.68 | 80.95 | 82.90 | 63 |
| B.B.A. | 91.67 | 78.43 | 77.42 | 91.80 | 84.62 | 66.1 |
| B.Sc. IT & M | 91.11 | 91.80 | 93.75 | 94.52 | 85.72 | 75 |
| B.Sc. Maths. (SF) | 92.31 | 75.00 | 76.00 | 70.00 | 80.96 | 66.7 |
| B.Sc. Physical Education | 92.59 | 72.73 | 85.00 | 91.67 | 58.07 | 79.4 |

## PG – Programme-wise pass percentage

| MAJOR | 2006-08 | 2007-09 | 2008-10 | 2009-11 | 2010-12 | 2011-13 |
|---|---|---|---|---|---|---|
| M.A. Economics | 93.33 | 100 | 72.73 | 87.50 | 60.00 | 57.1 |
| M.A. Philosophy | 50.00 | 100 | 84.62 | 100 | 100 | 80 |
| M.Sc. RDS | 100 | 93.75 | 28.57 | 0 | 27.28 | 60 |
| M.Sc. Maths. | 77.78 | 80.00 | 66.67 | 93.33 | 70.37 | 64.7 |
| M.Sc. Physics | 55.56 | 42.9 | - | - | - | 88.9 |

| MAJOR | 2005-08 | 2006-09 | 2007-10 | 2008-11 | 2009-12 | 2010-13 |
|---|---|---|---|---|---|---|
| M.C.A. | 100 | 91.18 | 92.31 | 100 | 100 | 84.2 |

| MAJOR | 2008-09 | 2009-10 | 2010-11 | 2011-12 |
|---|---|---|---|---|
| M.Phil. Economics | 77.27 | 100 | 100 | 100 |
| PGDCA | 77.8 | 85.7 | - | - |

## Completion Rate

The course completion rate of the students from 2005-2008 to 2009-12 is given below. (All percentages are rounded off to the nearest integer)

### UG & MCA – Cumulative Pass Percentage for 2005 – 2008 Batch

| Department | Appeared | Cumulative Pass Percentage | | | | | |
|---|---|---|---|---|---|---|---|
| | | 2008 April | 2008 Nov | 2009 | 2010 | 2011 | 2012 |
| Economics | 52 | 69 | 73 | 76 | - | - | 78 |
| History | 43 | 88 | 98 | - | - | - | - |
| Philosophy | 46 | 100 | - | - | - | - | - |
| Maths. | 54 | 83 | 87 | - | 88 | - | 90 |
| Chemistry | 50 | 56 | 62 | 64 | 74 | 78 | - |
| Physics | 34 | 88 | 94 | - | 97 | - | - |
| RDS | 47 | 85 | 89 | - | - | - | - |
| Commerce | 56 | 85 | - | - | - | 88 | - |
| Business Admin. | 24 | 92 | - | - | - | - | - |
| IT&M | 45 | 91 | 97 | - | - | - | - |
| Maths (SF) | 13 | 92 | - | - | - | - | - |
| Phy. Edn. | 27 | 92 | - | - | 96 | 100 | - |
| MCA | 29 | 100 | - | - | - | - | - |

### PG – Cumulative Pass Percentage for 2006 – 2008 Batch and
### M.Phil. Cumulative Pass Percentage for 2007-08 Batch

| Department | Appeared | Cumulative Pass Percentage | | | | | |
|---|---|---|---|---|---|---|---|
| | | 2008 April | 2008 Nov | 2009 | 2010 | 2011 | 2012 |
| Economics | 15 | 93 | - | - | - | - | - |
| Philosophy | 02 | 50 | - | - | - | - | - |
| Physics | 09 | 56 | - | - | - | 66 | - |
| RDS | 07 | 100 | - | - | - | - | - |
| Applied Psychology | 02 | 100 | - | - | - | - | - |
| Maths. | 09 | 78 | - | - | - | - | - |
| Commerce | 03 | 100 | - | - | - | - | - |
| M.Phil. Economics | 20 | 100 | - | - | - | - | - |

**UG & MCA – Cumulative Pass Percentage for 2006 – 2009 Batch**

| Department | Appeared | Cumulative Pass Percentage | | | | |
|---|---|---|---|---|---|---|
| | | 2009 - April | 2009 - Nov | 2010 | 2011 | 2012 |
| Economics | 39 | 87 | 95 | - | 100 | - |
| History | 38 | 76 | 95 | - | 97 | - |
| Philosophy | 20 | 100 | - | - | - | - |
| Maths. | 49 | 63 | 73 | 88 | 94 | 96 |
| Chemistry | 35 | 71 | 86 | 89 | - | - |
| Physics | 40 | 80 | 83 | 85 | 88 | - |
| RDS | 39 | 87 | - | 92 | - | - |
| Commerce | 54 | 79 | 81 | 85 | - | 87 |
| Business Admin. | 51 | 78 | - | 86 | - | - |
| IT&M | 61 | 92 | 93 | - | - | - |
| Maths (SF) | 16 | 75 | - | - | - | - |
| Phy. Edn. | 22 | 73 | - | - | - | - |
| MCA | 34 | 91 | - | 100 | - | - |

**PG (2007-09) & M.Phil. – Cumulative Pass Percentage for 2007 – 2009 Batch**

**M.Phil. – Cumulative Pass Percentage for 2008 – 2009 Batch**

| Department | Appeared | Cumulative Pass Percentage | | | | |
|---|---|---|---|---|---|---|
| | | 2009 - April | 2009 - Nov | 2010 | 2011 | 2012 |
| Economics | 10 | 100 | - | - | - | - |
| Philosophy | 09 | 100 | - | - | - | - |
| Physics | 08 | 50 | - | - | 63 | - |
| RDS | 16 | 94 | - | - | - | - |
| Applied Psy | 05 | 100 | - | - | - | - |
| Maths. | 05 | 80 | - | - | 100 | - |
| Commerce | 04 | 100 | - | - | - | - |
| M.Phil. Economics | 22 | 77 | - | - | - | - |

**UG & MCA – Cumulative Pass Percentage for 2007 – 2010 Batch**

| Department | Appeared | Cumulative Pass Percentage | | | |
|---|---|---|---|---|---|
| | | 2010 - April | 2010 - Nov | 2011 | 2012 |
| Economics | 55 | 53 | 69 | 82 | - |
| History | 52 | 50 | 75 | 92 | - |
| Philosophy | 19 | 100 | - | - | - |
| Maths. | 39 | 95 | 100 | - | - |
| Chemistry | 36 | 58 | 83 | 92 | 97 |
| Physics | 30 | 83 | 93 | 96 | - |
| RDS | 42 | 62 | 90 | 95 | - |
| Commerce | 62 | 60 | 80 | 92 | - |
| Business Admin. | 62 | 77 | 90 | 94 | - |
| IT&M | 64 | 94 | 98 | 100 | - |
| Maths (SF) | 25 | 76 | 84 | 88 | - |
| Phy. Edn. | 20 | 85 | 90 | - | - |
| MCA | 26 | 92 | 100 | - | - |

**PG (2008-10) – Cumulative Pass Percentage for 2008 – 2010**
**M.Phil. – Cumulative Pass Percentage for 2009 – 2010**

| Department | Appeared | Cumulative Pass Percentage | | | |
|---|---|---|---|---|---|
| | | 2010 - April | 2010 - Nov | 2011 | 2012 |
| Economics | 11 | 73 | 91 | - | - |
| Philosophy | 13 | 85 | - | 92 | - |
| Physics | Nil | - | - | - | - |
| RDS | 07 | 29 | - | - | - |
| Maths | 03 | 67 | 100 | - | - |
| M.Phil. Economics | 18 | 100 | - | - | - |

**UG & MCA – Cumulative Pass Percentage for 2008 – 2011 Batch**

| Department | Appeared | Cumulative Pass Percentage | | |
|---|---|---|---|---|
| | | 2011 - April | 2011 – Nov | 2012 |
| Economics | 43 | 79 | 81 | - |
| History | 46 | 80 | 93 | 96 |
| Philosophy | 27 | 100 | - | - |
| Maths. | 50 | 94 | 96 | 98 |
| Chemistry | 37 | 70 | 81 | 86 |
| Physics | 30 | 87 | 93 | 97 |
| RDS | 45 | 91 | 96 | - |
| Commerce | 84 | 81 | 87 | 94 |
| Business  Admin. | 61 | 92 | 95 | - |
| IT&M | 73 | 95 | 96 | 97 |
| Maths(SF) | 20 | 70 | - | 80 |
| Phy. Edn. | 12 | 92 | - | 100 |
| MCA | 26 | 100 | - | - |

**PG – Cumulative Pass Percentage for 2009 – 2011**
**M.Phil. – Cumulative Pass Percentage for 2010 – 2011 Batch**

| Department | Appeared | Cumulative Pass Percentage | | |
|---|---|---|---|---|
| | | 2011 - April | 2011 - Nov | 2012 |
| Economics | 08 | 88 | - | - |
| Philosophy | 03 | 100 | - | - |
| RDS | 01 | 0 | - | - |
| Maths. | 15 | 93 | 100 | - |
| M.Phil. Economics | 06 | 100 | - | - |

**UG & MCA – Cumulative Pass Percentage for 2009 – 2012 Batch**

| Department | Appeared | Cumulative Pass Percentage | |
|---|---|---|---|
| | | 2012 - April | 2012 - Nov |
| Economics | 40 | 68 | 78 |
| History | 42 | 74 | 98 |
| Philosophy | 29 | 100 | - |
| Maths. | 49 | 80 | 92 |
| Chemistry | 40 | 68 | 85 |
| Physics | 37 | 92 | 100 |
| RDS | 47 | 64 | 74 |
| Commerce | 75 | 85 | 97 |
| Business  Admin. | 65 | 86 | 92 |
| IT&M | 41 | 88 | 90 |
| Maths (SF) | 42 | 81 | 98 |
| Phy. Edn. | 31 | 61 | 84 |
| MCA | 02 | 100 | - |

**PG (2010-12) – Cumulative Pass Percentage for 2010 – 2012 Batch**
**M.Phil. – Cumulative Pass Percentage for 2011 – 2012 Batch**

| Department | Appeared | Cumulative Pass Percentage | |
|---|---|---|---|
| | | 2012 - April | 2012 - Nov |
| Economics | 14 | 86 | - |
| Philosophy | 01 | 100 | - |
| RDS | 05 | 60 | - |
| Maths. | 25 | 76 | 100 |
| M.Phil. Economics | 14 | 100 | - |

# RESEARCH, CONSULTANCY AND EXTENSION

### 3.1    PROMOTION OF RESEARCH

**3.1.1    Does the College have a research committee to monitor and address the issues of research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.**

Arul Anandar College has a Research Committee called "Project and Research Cell" to assist the faculty members who take up research. The cell consists of faculty members and is headed by the Principal.

The project and research cell in collaboration with the Dean (Academic) assists the faculty members and provides information on the availability of research grants from various agencies and organises faculty development programmes.

The project and research cell recommended the following:

- Promotion of research culture in the college by organising meetings with the experts.
- Conducting faculty development programmes. Accordingly the Dean's Office and the project and research cell conducted a faculty development programme on "Research and Consultancy"  on 20-12-2008 inviting subject experts from different disciplines

### Impact of Research Promotion Activities

| Cycle | Aided Staff | | | Management Staff | | | Innovative + Self-Financed Staff | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ph.D. | M.Phil. | PG | Ph.D. | M.Phil. | PG | Ph.D. | M.Phil. | PG |
| 1 | 20/64 | 33/64 | 11/64 | 0 | 2/5 | 3/5 | 0 | 0 | 5/5 |
| 2 | 28/56 | 21/56 | 7/56 | 1/18 | 13/18 | 4/18 | 2/39 | 19/39 | 18/39 |
| 3 | 41/59 | 14/59 | 4/59 | 0 | 4/7 | 3/7 | 7/61 | 40/61 | 14/61 |

| Cycle | Aided Staff(%) | | | Management Staff(%) | | | Innovative + Self-Financed Staff(%) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ph.D. | M.Phil. | PG | Ph.D. | M.Phil. | PG | Ph.D. | M.Phil. | PG |
| 1 | 31 | 52 | 17 | 0 | 40 | 60 | 0 | 0 | 100 |
| 2 | 50 | 38 | 12 | 6 | 72 | 22 | 5 | 49 | 46 |
| 3 | 69 | 24 | 7 | 0 | 57 | 43 | 11 | 66 | 23 |

- There is a considerable increase in the number of Ph.D. holders

| Cycle | Number of Projects(UGC) | | DST | ICSSR | | UNICEF | Total Amount(Rs.) |
| | Minor | Major | | Major Project | Workshop | | |
|---|---|---|---|---|---|---|---|
| 1 | 2 | - | - | - | - | - | 28,000 |
| 2 | 10 | 2 | - | - | - | - | 13,71,500 |
| 3 | 4 | 5 | 1 | 2 | 1 | 1 | 91,57,010 |

- Increase in the number of major research projects, especially in science, compared to the previous assessment (Second cycle)
- There is a substantial increase in research grants compared to the previous one.

### 3.1.2 What is the policy of the College to promote research culture in the College?

The college evolved a policy of promoting research culture by involving all the faculty members. Research awards were instituted for the best researchers in Arts and Science subjects. Staff members were encouraged to apply for research projects. Infrastructural facilities are made available for promoting research. The research scholars in the Department of Economics and RDS have been provided with separate cubicles for carrying out their research. The efforts of the college are clearly visible in the number and quality of research projects, with total research grants crossing one crore rupees.

### 3.1.3 List details of Prioritised research areas and the areas of expertise available with the College.

Rural Development Studies and Gender Studies are the two prioritised areas of the College. A separate Centre for Women's Studies has been established with financial assistance from the UGC for carrying out gender-related studies.

The Departments involved in research and their areas of expertise are:

| Department | Areas of Expertise |
|---|---|
| History | - Socio-Cultural Issues |
| Economics | - Unorganised sectors<br>- Informal Sector<br>- Rural Economics<br>- Fiscal Economics<br>- International Economics |

| Department | Areas of Expertise |
|---|---|
| Philosophy | • Philosophy of Liberation<br>• Ecosophy |
| Mathematics | • Topology<br>• Mathematical Modelling |
| Physics | • Astrophysics<br>• Environmental Physics<br>• Polymer Physics<br>• Photonics<br>• Thin Films<br>• Energy and Environment<br>• Nanobiopolymers and Biomedical Engineering |
| Chemistry | • Organic Synthesis<br>• Natural Products Chemistry<br>• Water Analysis |
| RDS | • Social Development and Rural Health<br>• Child and Adolescent Issues<br>• Women and Children<br>• Eco-Friendly Management<br>• Organic Farming<br>• Poultry Farming<br>• Biodiversity and Climate Change |

### 3.1.4 What are the proactive mechanisms adopted by the College to facilitate smooth implementation of research schemes and projects?

- The college extends all the facilities for smooth running of sanctioned research projects.
- The college gives complete autonomy to the Principal Investigator to carry out his/her project as per the guidelines of the funding agencies.
- The sanctioned grants are released immediately on request and the accounts submitted by the Principal Investigator/coordinator are subjected to timely audit.
- The utilisation certificates are submitted to the funding agencies at the earliest possible.

### 3.1.5 How is inter-disciplinary research promoted?

Between/among different departments of the College

- At present research is more concentrated at the departmental level. However, with recent initiatives taken by the college in appointing faculty with diversified research background, especially in science, interdisciplinary research is likely to flourish.

Collaboration with national/international institutes/industries

- Dr. M.A. Jothirajan, Department of Physics, has been sanctioned Rs.35000/- for a collaborative research scheme by UGC-DAE Consortium for Scientific Research (UDCSR/AO/MUM/CRS-M-165/12 dated 5th March 2012)
- Faculty and students from abroad visit the college for research guidance, especially in Economics, Philosophy and RDS.
- In Mathematics and Physics research papers have been published in collaboration with researchers of international repute.
- The college has signed MoU with Namur University, Belgium. Scholars from Namur University undertake doctoral studies in which faculty from RDS and History are local guides.
- It has also signed MoU with Sivkasi Projects Abroad Pvt. Ltd, Pasumalai, Madurai on 09.11.2011 for the development of studies, research and extension in various fields.

**3.1.6 Enumerate the efforts of the College in attracting researchers of eminence to visit the campus and interact with teachers and students.**

To promote research culture among staff and students, the college periodically arranges interaction programmes with researchers and research administrators. The following research administrators visited the College during this assessment period.

- Dr.G.J.Samadanam, Joint Secretary and Head, Technology Division, DST, Government of India.
- Dr.S.Vincent, Member Secretary, TNSCST, Chennai
- Dr.Vasantharaj David, Eminent Entomologist, Chennai.
- Dr.M.A.Haniffa, Director, Centre for Aquaculture, Research and Extension. St. Xavier's College, Tirunelveli.
- Dr.Dunston P. Ambrose, Director, Entomology Research Unit. St. Xavier's College, Tirunelveli.
- Dr.Casimir Raja, Dean- Research SRM University, Chennai.
- Dr.Elango, Department of Mathematics, CPA College, Bodinayakanur
- Fr.Dr. Amaladoss, Sathya Nilayam, Chennai.

**3.1.7 What percentage of Faculty have utilized sabbatical leave for Research activities? How has the provision contributed to the research quality and culture of the College?**

As per the norms of Tamil Nadu Government, a staff cannot avail sabbatical leave. However, they can avail FDP and PDF facilities under the provisions of UGC.

**3.1.8 Provide details of national and international conferences organised by the College highlighting the names of eminent scientists/scholars who participated in these events.**

| Seminar/Conference | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | Total |
|---|---|---|---|---|---|---|
| International | 1 | --- | 2 | 1 | -- | 4 |
| National | 3 | 4 | 2 | 5 | 5 | 19 |

## International Conferences Organised

| Department | Title | Date | Resource Persons |
|---|---|---|---|
| Philosophy | 1. Eastern Rationality: Trends and Relevance in a Technocratic Society | 19–20 January, 2012. | 1. Dr. Mark Owen, Winchester University, UK<br>2. Dr. Anna King. Winchester University, UK<br>3. Dr. Panneerselvam, Head, Dept. of Philosophy, University of Madras<br>4. Dr. N. Muthumohan, Head, Department of Guru Nanak Devji Studies, Madurai Kamaraj University, Madurai. |
| Rural Development Science | 2. Development Discourse | 15-17 March, 2011 | • Br.James Kimpton. Development Consultant,UK<br>• Dr.BindheshwarPathak, Founder, Sulabh International Social Service Organisation. New Delhi. |
| Religion and Value Education | 3. International Awareness and Training Course on Bio-Ethics Education | 26-27 September, 2008 | • Dr. Darryl Macer, UNESCO, ASIAN Centre, Bangkok. |
| | 4. Workshop on "Bio-Ethics Education" | 07-12-2010 | 1. Dr. Darryl Macer, UNESCO, ASIAN Centre, Bangkok.<br>2. Ms. Anniken Celina Eubios Ethics, New Zealand<br>3. Ms.Napat Chaipraditkul, Eubios Ethics Institute. Thailand<br>4. Dr. C.E. Sooriyamoorthi, Professor Emeritus, Madurai Kamaraj University, Madurai. |

# National Conferences – UGC Funded Programmes

**DEPARTMENT OF ECONOMICS**

1. Title : Indian Economy and Inclusive Growth"
   Date : 25- 26 March, 2009.
   Resource Persons : Dr. S. Neelakandan, Former Director, Madras Institute of Development Studies

   Dr. S. Iyyampillai, Professor and Head, Department of Economics, Bharathidasan University, Tirichirapalli

   Mr. A.L.K.B Chand IRS., Commissioner of Income Tax. Madurai.

2. Title : Global Financial Crisis and its Implications on Indian Economy

   Date : 28- 29 January, 2010.

   Resource Persons : Dr.P.Govindarajan, Principal Academic Coordinator VELS University, Chennai

   Dr.A.Ranga Reddy, Sri Venkateswara University, Tirupathi

   Dr.A.R.Veeramani, Tamil Nadu Teacher's Education University.

**DEPARTMENT OF PHILOSOPHY**

3. Title : Ethics and Praxis for Democracy

   Date : 12 – 13 January, 2010

   Resource Persons : Mr.Christudoss Gandhi, Principal Secretary. Tamil Nadu Energy Development Agency

   Dr. N. Muthumohan, Head, Department of Guru Nanak Devji Studies, Madurai Kamaraj University.

4. Title : i) Promotion of Values, Ethics and Human Rights
   Date : 8 - 9 July, 2011
   Title : ii) Memory of RaimonPanikkar
   Date : 27th July, 2011
   Resource Person : Fr.Dr. George Panthanmackal
   President, ACPI and Professor,
   Suvidya College, Bengaluru.

5. Title : Ideological Conflicts in Society
   Date : 22 - 23 February, 2012
   Resource Person : Fr.Dr.Joe Arun, Secretary, Loyola College, Chennai.

### DEPARTMENT OF MATHEMATICS

6. Title : Emerging Trends in Modern Topology

   Date : 22 February, 2011

   Resource Persons : Dr.S.S.Benchalli, Professor of Mathematics, Karnatak University, Dharwar, Karnataka.

   Dr.Sr.I.Arockia Rani, Associate Professor of Mathematics, Nirmala College for Women, Coimbatore.

   Dr.S.Sivaraj, Professor of Mathematics, G.K.M. College of Technology, Chennai.

### DEPARTMENTS OF MATHEMATICS AND COMPUTER APPLICATIONS

7. Title : Data Mining and its Applications

   Date : 9 -10 December, 2009

   Resource Persons : Dr.Sonajharia Minz,Professor and Dean,
   School of Computer and System Sciences,
   Jawaharlal Nehru University, New Delhi.

   Dr. K. Thangavel, Professor and Head,
   Department of Computer Science, Periyar University.

   Dr. J. Rajendran, Department of Computer Science
   The Madura College, Madurai.

### DEPARTMENT OF CHEMISTRY

8. Title : Expanding Frontiers in Chemistry

   Date : 14 – 15 February, 2013

   Resource Persons : Prof.H.Surya Prakash Rao, Dean,
   Madanjeet School of Green Energy Technologies,
   Pondicherry University.

   Prof. S.Perumal, Senior Professor and Head,
   Department of  Organic Chemistry,
   Madurai Kamaraj University, Madurai.

   Dr. P. Anbarasan, Department of Organic Chemistry,
   IIT,  Chennai.

   Dr.K.Swarnalatha, Department of Physical Chemistry,
   Manonmaniam  Sundaranar  University, Tirunelveli        .

## DEPARTMENT OF RURAL DEVELOPMENT SCIENCE

| | | | |
|---|---|---|---|
| 9. | Title | : | Climate Change and Developmental Alternatives |
| | Date | : | 4 - 5 March, 2010 |
| | Resource Person | : | Mr.Arivudai Nambi, Principal Scientist, M.S.Swaminathan Research Foundation (MSSRF), Chennai. |

## IQAC

| | | | |
|---|---|---|---|
| 10. | Title | : | National Colloquium for IQAC Coordinators on Best Practices in Higher Educational Institutions |
| | Date | : | 20 – 21 July, 2012 |
| | Resource Persons | : | Dr.C.Thangamathu, Former Vice-Chancellor, Bharathidasan University. |
| | | | Rev.Dr.S. Xavier Alphonse, Former Member, UGC. |
| | | | Mr.B.S.Ponmudiraj, Assistant Advisor, NAAC. |

## DEPARTMENT OF PHYSICAL EDUCATION

| | | | |
|---|---|---|---|
| 11. | Title | : | Innovative Concepts in Physical Education and Yoga |
| | Date | : | 1- 2 February, 2013 |
| | Resource Persons | : | Dr.K.Vaithiyanathan, Former Vice - Chancellor, TN Physical Education and Sports University, Chennai. |
| | | | Dr.P.Mariayyah, Dean, Dept. of Physical Education PRIST University, Thanjavur. |
| | | | Dr.K.Chandrasekaran, Professor and Head Dept. of Physical Education, MKU, Madurai. |
| | | | Dr.R.Srinivasa, Professor University College of Physical Education, Bangalore University. |
| | | | Dr.G.Ravindran, Dean, Faculty of Education Dept. of Physical Education and Sports Sciences Annamalai University. |
| | | | Dr.A.Shenbagavalli, Dean, Faculty of Education Dept. of Physical Education and Health Sciences Alagappa University, Karaikudi. |
| | | | Dr.A.Pushparajan, Dean, Department of Physical Education Karpagam University, Coimbatore. |
| | | | Dr.K.Murugavel, Director, Dept. of Physical Education Bharathiyar University, Coimbatore |

**DEPARTMENT OF RURAL DEVELOPMENT SCIENCE**
**(Common Wealth of Learning (CoL), ICSSR and NABARD)**

| | | | |
|---|---|---|---|
| 12. | Title | : | National Conference on Food Security: Issues and Concerns |
| | Date | : | 21- 22 February, 2013 |
| | Resource Persons | : | Dr.R.Maria Saleth, Director, Madras Institute of Development Studies, Chennai. |

Dr.A.Raja Reddy, Professor, Loyola Academy, Alwal, Secunderabad, AP.

Dr.D.Suresh Kumar, Associate Professor, Department of Agricultural Economics, Tamil Nadu Agricultural University, Coimbatore.

Dr.K.Murugan, Professor, Department of Zoology, Bharathiar University, Coimbatore.

Dr.P.Tamizholi, Consultant, Commonwealth of Learning, Chennai.

Dr.R.Rajesh, Professor, Department of Agricultural Economics, TNAU, Madurai.

Dr.B.K.Swain, Professor and Head, Centre for Rural Credit and Development Banking, National Institute of Rural Development, Hyderabad, AP.

Dr.Mahantesh B. Patil, Associate Professor, Department of Plant Pathology, College of Agriculture, University of Agricultural Sciences, Raichur, Karnataka.

Dr.Sabu K. Thomas, Associate Professor, Department of Zoology, St.Joseph's College, Calicut, Kerala.

**DEPARTMENT OF PHILOSOPHY**
**INDIAN COUNCIL OF PHILOSOPHICAL RESEARCH (ICPR- FUNDED)**

| | | | |
|---|---|---|---|
| 13. | Title | : | Consciousness as Embodied and/or Constructed Reality: An Inquiry into the Indian and European Philosophical Tradition. |
| | Date | : | 1- 2 September, 2008 |
| | Resource Persons | : | Dr.G.Mishra, Member Secretary, ICPR |

Prof.R.Balasubramanian, Former Chairman, ICPR

Dr.Srinivasa Rao, Bengaluru.

Dr.Panneer Selvam, Madras University

Dr.K.Srinivas, Pondicherry University
Jointly conducted Seminar by Madurai Kamaraj University and Arul Anandar College

| 14. Title | : | Christian Literature in Dravidian Languages Jointly conducted by the Department of Christian Studies, Madurai Kamaraj University and the Department of Tamil, Arul Anandar College, Karumathur. |
|---|---|---|
| Date | : | 24 – 25 February, 2009 |
| Resource Persons | : | Dr.Jeyaprakash, Professor, Department of Telugu Madurai Kamaraj University. |
| | | Dr.K.M. Anil Kumar, Professor, Department of Malayalam, University of Calicut, Kerala. |
| | | Dr.G.Krupachary, Dean, Faculty of Humanities Acharya Nagarjuna University, Andhra Pradesh |

## COLLEGE-FUNDED SEMINARS
### DEPARTMENTS OF COMPUTER APPLICATIONS AND IT & M

| 15. Title | : | "Advanced Computing Technologies" |
|---|---|---|
| Date | : | 23rd September, 2011 |
| Resource Persons | : | Dr. S. Albert Rabara, St. Joseph's College, Trichy. |
| | | Mr. M. Rozario Raja, Object Frontier Software Pvt. Ltd, Chennai |
| | | Mr. Stallone, INFOSYS, Bangaluru. |
| | | Mr.P. Sujith Kumar, HR and Senior Manager, INFOSYS, Chennai |

### DEPARTMENT OF COMMERCE

| 16. Title | : | "Soft Skills" |
|---|---|---|
| Date | : | 9th December, 2011 |
| Resource Persons | : | Ms.N.Manjula, Academic Coordinator, Thiagarajar School of Management, Madurai. |
| | | Dr.S.Theenathayalan, The Madura College, Madurai. |
| | | Dr.R.Raja Govindasamy, Director (S.F), MTN College, Madurai. |

| 17. Title | : | "Emerging Trends in Software Technologies" |
|---|---|---|
| Date | : | 10 - 11 March, 2011 |
| Resource Persons | : | Ms.I.Mercy Arul, TCS, Chennai |
| | | Dr. Michael Arock, NIT, Trichy |
| | | Dr.R.Bhaskaran, Anna University, Chennai |
| | | Ms.J.A.Reena, IBM India, Bengaluru. |
| | | Dr.E.George Dharma Prakash Raj, Bharathidasan University, Trichy. |
| | | Mr.Ancy Thomas, CIIL, Mysore. |

| 18. | Title | : | Corporate Ethics |
| | Date | : | 10th February, 2012 |
| | Resource Person | : | Dr.S.Riasudeen, Department of Management Studies, Pondicherry University. |
| 19. | Title | : | Renewable Energy Management |
| | Date | : | 15th February, 2013. |
| | Resource Persons | : | Mr.K.Prasanna, Senior Manager – Marketing Moser Bauer Solar Limited, Chennai. |
| | | | Mr.S.Vijayakar, Director-Marketing |
| | | | R.M.Solar Private Limited, Chennai. |

### 3.1.9 Lab-to-Land Practices- Knowledge Dissemination of Research Findings

The Institution makes every effort to transfer the research findings of the College and also of other institutions by conducting a variety of programmes targeting the students and community.

#### Science - Awareness Programmes

- To eliminate the fear among the public on the proposed Neutrino project in Theni, the Department of Physics organised an awareness programme, wherein Dr.Naba K. Mondal, Senior Professor, TIFR and Project Head of the India based Neutrino Project spoke to the people of nearby villages

- Three day National Science Mela in 2012 and also in 2013 were organised with the financial assistance of DST. Dr.MVN Murthy, Senior Professor, Institute of Mathematical Sciences, Chennai, Dr.D.Indumathi, Professor IMS, Dr.J.Daniel Chellappa, Senior Scientist, DAE, Dr.Deepak Samuel, TIFR spoke on the occasion.

- National Science Mela organised by the college was an eye opener to the students of nearby schools and the community on the developments in Science and Technology

- Arrupe Centre for Policy Research (ACPR), an extension/research programme under the Department of RDS, conducts farmer's linkage/training programme in sharing their expertise in agricultural practices.
  - ACPR has trained 500 farmers on seed production technology.
  - The unit has also given training to rural women on value-added masala powder production.
  - The farmers were also given training on Backyard Poultry Rearing enabling them to get loans from banks

- The Department of Physics organised awareness programmes to the community on Nuclear Energy in collaboration with scientists of IGCAR, Kalpakkam.

- The Department of Rural Development Science, Tamil Nadu Science Forum and All India Prasar Bharathi jointly organized a one day Training on preparation and presentation of Radio production programmes on various issues of environment and society.

## 3.1.10 Give details on the Faculty actively involved in Research (2008-09 to 2012-13)

| Department | Faculty | Projects | | | | Guidance | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Minor | | Major | | Ph.D A | Ph.D FT | Ph.D PT | M.Phil |
| | | C | O | C | O | | | | |
| Tamil | Dr.A.Joseph Charlie Arockia Doss | | | | 1 | | | | |
| History | Dr.R.Antony Paul Gnanasekar | | 1 | | | | | 5 | |
| | Dr.M.Solomon Bernard Shaw | | | | | | | 5 | |
| | Fr.Dr.M. Arockiasamy Xavier, S.J. | 1 | | | | | | | |
| Economics | Dr.K.Alamar* | | | | | 8 | 4 | 2 | 3 |
| | Dr.Michael John Peter* | 1 | | | | 5 | 5 | 4 | 6 |
| | Dr.N.Murali | | | | | 3 | 2 | 4 | 11 |
| | Dr.Maria John Kennedy | | | | | 3 | 4 | 3 | 7 |
| | Dr.M.James Antony | 1 | | 1 | 2 | 3 | 2 | 4 | 8 |
| | Dr.M.Jeyabal | | 1 | | | | | | 7 |
| | Dr.M.Joseph Selvaraj | | | 1 | | | 3 | 3 | 7 |
| | Dr.I.Jeyaraj | | | | | | | | 7 |
| | Mr.D.Antony Singh Dhas | | | | | | | | 7 |
| | Dr.K.Vennila | | | | | | | | 1 |
| | Dr.A.P.Ramabhai | | | | | | | | 3 |
| Philosophy | Dr.S.Lourdunathan | | | 1 | 1 | | | 6 | |
| Mathematics | Dr.M.Lellis Thivagar** | 1 | | | | | | | |
| Physics | Dr.I.Kulandaisamy | 1 | | | | | | | |
| | Dr.M.A.Jothirajan | | 1 | | | | | | |
| | Dr.K.S.Joseph Wilson | | | | 1 | | | 4 | |
| | Dr.A.Shanmugaraju | 1 | | | 1 | | | 2 | |
| RDS | Dr.M.John Joseph | 1 | | | | | | 4 | |
| | Dr.A.Thomas William | | | 1 | 1 | | | 8 | |
| | Dr.S.Arul Prasad | 1 | | | | | | | |
| | Fr.Dr.Xavier Vedam | | | | 1 | | | | |
| | Dr.Ambudoss Arvind | 1 | | | 1 | | | | |
| | Dr.A.Sundararaj | | 1 | | | | | | |
| **TOTAL** | | **9** | **4** | **4** | **9** | **22** | **20** | **54** | **67** |

*Retired from service

**Has left the college

C – Completed  O – On-going          A – Awarded

## 3.2 RESOURCE MOBILISATION FOR RESEARCH

**3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilisation for last four years?**

The funds received from agencies are completely utilised for carrying out minor and major research projects, conducting seminars and conferences and for upgrading research facilities like library, equipments and laboratories.

**3.2.2 What are the financial provisions made in the College budget for supporting for Student research projects?**

Funds are allocated for supporting student research projects if requested.

**3.2.3 Is there a provision in the institution to provide seed money for research? If so, what percentage of the faculty has received seed money in the last four years?**

The College does not provide any seed money for faculty research.

**3.2.4 Are there any special efforts made by the College to encourage faculty to file for patents? If so, provide details of patents filed and enumerate the sanctioned patents.**

The college encourages the faculty to file for patents. The faculty are yet to file for patents.

**3.2.5 Provide the following details of ongoing research projects:**

| Year | National Agencies | | | | International Agencies | Total Grants Received (Rs.) |
|---|---|---|---|---|---|---|
| | UGC | | DST | ICSSR | UNICEF | |
| | Minor | Major | | | | |
| 2009-10 | 1 | - | - | - | - | 1,40,000 |
| 2011-12 | 1 | - | - | - | 1 | 4,35,000 |
| 2012-13 | 2 | 5 | 1 | 3 | - | 85,82,010 |
| TOTAL | 4 | 5 | 1 | 3 | 1 | 91,57,010 |

### On-Going Minor Research Projects

| S. No | Period of Project | Funding Agency | Faculty | Title | Amount (Rs.) |
|---|---|---|---|---|---|
| 1 | 2009-2010 | UGC | Dr.A.Sundararaj, Department of RDS | An Assessment on the Fish Biodiversity of River Vaigai | 1,40,000 |
| 2 | 2012-2013 | UGC (SERO) | Dr.R.Antony Paul Gnanasekaran, Department of History | Hindu Christian Cultural Mutualism in Tamilnadu | 63,500 |
| 3 | 2012-2013 | UGC (SERO) | Dr.M.Jeyabal, Department of Economics | Wage Differentials and living Conditions of Agricultural Labourers of Usilampatty Taluk in Tamil Nadu | 1,10,000 |
| 4 | 2011-2012 | UGC-DAE | Dr. M.A. Jothirajan, Department of Physics | Light Scattering Investigations in Bio-Macro Molecule assisted synthesis/assembly of metal nanoparticles | 35,000 |

## On-going Major Research Projects

| S. No | Period of Project | Funding Agency | Faculty | Title | Amount (Rs.) |
|---|---|---|---|---|---|
| 1 | 2012-13 | UGC | Dr. K.S. Joseph Wilson, Department of Physics | Investigations on Non-Linear Interactions in Nanostructures | 13,26,800 |
| 2 | 2012-2013 | UGC | Dr.S.Lourdunathan, Department of Philosophy | Eastern Rationality and Buddhism as Ethics of Social Responsibility and Reciprocity-Towards the Cultural | 7,49,800 |
| 3 | 2012-2013 | UGC | Dr.M.James Antony, Department of Economics | An Analysis on Inclusiveness of Domestic Workers in Southern Districts of Tamil Nadu | 7,00,600 |
| 4 | 2012-2013 | UGC | Dr.A.Joseph Charlie Arockia Doss, Department of Tamil | Dalit Journals in Tamil: Collection, Documentation and Analysis | 7,99,600 |
| 5 | 2012-2013 | UGC | Dr.A.Shanmugaraju, Department of Physics | Investigations of Coronal Mass Ejections from the Sun, associated solar activities and their Geography-Space consequences | 10,56,800 |
| 6 | 2012-13 | DST | Dr.Ambudoss Arvind, Department of RDS. | Identification, modification, evaluation and knowledge Transfer of Novel Rodent traps and other Eco-friendly Rodent Control Methods in Tamil Nadu" | 19,54,260 |
| 7 | 2012-13 | ICSSR | Dr. M. James Antony, Department of Economics | Institutionalisation of Financial Resources for Unorganised sector in Rural India | 6,47,150 |
| 8 | 2011-12 | UNICEF | Fr. Dr. Xavier Vedam, S.J, Department of RDS | Developing a Workable Model to Address Social Equity Issues in Service Delivery to Marginalised Sections in Tamil Nadu | 4,00,000 |
| 9. | 2012-2013 | ICSSR | Dr.A.Thomas William | Functional Effectiveness of Child Protection Organisations in Southern Districts of Tamil Nadu | 6,23,500 |

**3.2.6** **How many departments of the College have been recognized for their research activities by national / international agencies (UGC-SAP, CAS, DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthrough due to such recognition.**

- Departments of Economics, Physics and RDS have been recognised as Centres of Research for doctoral studies by Madurai Kamaraj University, Madurai.
- Departments of Economics, Philosophy, Physics and RDS have received grants from DST, ICSSR and UGC for carrying out research projects.

**3.2.7** **List details of completed research projects undertaken by the College faculty in the last four years and mention the details of grants received for such projects (funded by Industry/National/International agencies).**

**List of completed major research projects during the assessment period.**

| S. No | Period of Project | Funding Agency | Faculty | Title | Amount (Rs.) |
|---|---|---|---|---|---|
| 1 | 2007-08 | UGC | Fr.Dr.M.Arockiasamy Xavier, S.J., Department of History | Contributions of the Indian Christians in Tamilnadu to Freedom Struggle | 5,31,800 |
| 2 | 2007-08 | UGC | Dr.S.Lourdunathan, Department of Philosophy | Hermeneutics of a Social Philosophy of Liberation with Special Reference to Dalit Culture | 4,79,800 |
| 3 | 2007-08 | UGC | Dr.M.James Antony, Department of Economics | Poverty and Inequality among Hair-Groomers in Tamil Nadu | 4,91,800 |
| 4 | 2006-07 | UGC | Dr. A. Thomas William, Department of RDS. | A Study on Adolescent Children of HIV Parents on Sexual Awareness and Level of Sexual Integrity in Madurai and Theni District | 2,98,400 |
| 5 | 2006-07 | UGC | Dr.M.Joseph Selvaraj, Department of Economics | An Analysis of Economic conditions of Gravediggers in Madurai District | 4,20,600 |
| 6 | 2012 | ICSSR | Dr.M.James Antony, Department of Economics | Research Methodology Course for Ph.D. students | 5,50,000 |

### List of completed minor research projects during the assessment period

| S. No | Period of Project | Funding Agency | Faculty | Title | Amount (Rs.) |
|---|---|---|---|---|---|
| 1 | 2005-06 | UGC (SERO) | Dr. M. John Joseph, Department of RDS | Position of the Aged in the Changing Rural Scenario – A Study in the Usilampatti Taluk of Madurai District in Tamilnadu. | 70,000 |
| 2 | 2005-06 | UGC (SERO) | Dr.I. Kulandaisamy, Department of Physics | Design, Fabrication and Performance Evaluation of Tube-based Solar Drier. | 65,000 |
| 3 | 2005-06 | UGC (SERO) | Dr.S. Michael John Peter, Department of Economics | Sand-sifters in Madurai District – A Study | 60,000 |
| 4 | 2006-07 | UGC (SERO) | Dr.Ambudoss Arvind, Department of RDS | A Study on the Evaluation of the Rodent Bow trap and its organised trapping by Valayars in the Periya-Vaigai command area of Tamil Nadu | 40,000 |
| 5 | 2005-06 | UGC (SERO) | Dr.M.Lellis Thivagar, Department of Mathematics. | Fuzzy concepts Applicable in today's Topology | 40,000 |
| 6 | 2008-09 | UGC | Dr.S. Arul Prasad, Department of RDS | Child Labour in Floriculture | 80,000 |
| 7 | 2009-10 | UGC | Dr.A. Shanmugaraju, Department of Physics | Modelling the Propagation of Coronal Mass Ejections from the Sun | 75000 |
| 8 | 2007-08 | Malcom & Elizabeth Adseshiah Trust | Dr.M.James Antony, Department of Eonomics | Methods of Students evaluation in enhancing Quality in Higher Education | 22000 |

### 3.3    INFRASTRUCTURE FOR RESEARCH

### 3.3.1    What efforts are made by the college to keep pace with the infrastructure requirements to facilitate research? How and what strategies are evolved to meet the needs of researchers?

The College is fully geared towards creating necessary infrastructure for research. In the last five years new facilities have been added creating a better ambience for research.

➢    **Library Facilities**

Library resources have been augmented facilitating research. Adequate funding is allotted for purchasing new books and research journals. INFLIBNET facility is available for getting    information from other libraries and accessing e-journals.

**List of Research Journals subscribed**

| Sl.No | Year | Journals | Magazines | Total |
|-------|---------|----------|-----------|-------|
| 1 | 2008-09 | 71 | 44 | 115 |
| 2 | 2009-10 | 74 | 44 | 118 |
| 3 | 2010-11 | 63 | 47 | 110 |
| 4 | 2011-12 | 77 | 43 | 120 |
| 5 | 2012-13 | 75 | 42 | 117 |

➢    **Internet and Computer Facilities**

Departments have been provided with both desktops and laptops and internet facilities for    easy access to information.

➢    **Research Journal**

The College has started publishing research Journal "SPARKS" from the academic year 2011-12. (ISSN 2277-5021) So far, two issues have been released.

➢    **Laboratory Facilities**

Laboratory facilities are being augmented for Physics, Chemistry and RDS departments. At present the existing facilities cater to the needs of students. To facilitate research separate labs have been planned for Physics, Chemistry and RDS.

➢    **Instrumentation Facility**

The Science departments have been provided with necessary equipment for carrying out research. The equipment available with the Department of Chemistry is used by Physics department for research purposes. The following equipments are available with the Departments.

| Physics | • Ultrasonic Interferometer<br>• Dip Coating Unit<br>• Electromechanical Chopper |
|---------|------------------------------------------------|
| Chemistry | • UV-Vis Spectrophotometer<br>• Digital Electronic Balances<br>• Digital Polarimeter<br>• pH Meter<br>• Conductivity meter |
| RDS | • Flame Photometer<br>• Spectrophotometer<br>• Laminar Air Flow Chamber<br>• pH Meter |

**3.3.2 Does the College have an information resource centre to cater to the needs of researchers? If yes, provide details of the facility.**

Yes.

The library, with INFLIBNET facility, is the prime resource centre for information for the researchers. In addition to online journals, hard copies of few research journals published in India are also available. Internet facility provided to the departments helps the faculty members to access and download research-related information and articles from the websites. The Centre for Women's Studies is a source of information for those carrying out gender-specific research.

**3.3.3 Does the College provide residential facilities (with computer and internet facilities) for research scholars and faculty?**

Yes.

Hostel accommodation is provided to research scholars and faculty on request. The research scholars have access to common browsing centre available in the hostel.

**3.3.4 Does the College have a specialised research centre/workstation to address challenges of research programme? If yes give details.**

No.

**3.3.5 Does the College have research facilities (centre etc.) of regional, national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.**

Yes.

The departments of Economics, Physics and RDS are recognised by the affiliating Madurai Kamaraj University as centres of research.

**3.4 RESEARCH PUBLICATIONS AND AWARDS**

**3.4.1 Highlight the major research achievements of the College through the following**

- Presentations in conferences/seminars
  - Presentation of papers by the faculty reached a new height during the current assessment period: 69 presentations are made in the international

conferences, 154 at national level and 278 at the state level conferences. The year-wise data show a healthy trend in the number of presentations by the faculty.

| Year | Presentation in Conferences | | |
|---|---|---|---|
| | State | National | International |
| 2008-2009 | 46 | 29 | 7 |
| 2009-2010 | 24 | 14 | 2 |
| 2010-2011 | 79 | 34 | 33 |
| 2011-2012 | 93 | 49 | 21 |
| 2012-2013 | 36 | 28 | 6 |
| TOTAL | 278 | 154 | 69 |

- Presentation of papers in international conferences has increased 4 times, while national level presentations have shown 2.5 times increase compared to the 2nd cycle of accreditation that clearly shows a progressive research environment in the College.

**Paper presentations by faculty in International Conferences**

- Dr.S.Michael John Peter, Department of Economics, and Fr. Sebastian Mahimai Raj, Department of RDS, jointly presented a paper in the International Conference on Community and Water Services: Challenges for Sustainability, Kandy, Sri Lanka in September 2011.
- Dr.M.A.Jothirajan, Department of Physics, presented a paper in the International Seminar on Biocosmology in Novgorod, Russia in July, 2010.
- Dr.A.Thomas William, Department of RDS, presented two papers in the International Congress on Child Abuse and Neglect, Honolulu, Hawai in September 2010.
- Dr. M. John Joseph and Fr.Thomas Amirtham, Department of RDS, presented a paper on "Lifelong Learning for Farmers: A New Pedagogy for Development" in the 2010 Joint World Conference on Social Work and Social Development: The Agenda. 10th to 14th June 2010; Hong Kong, China. This Paper won the Best Abstract Award in the Congress.
- Dr.M.George Joseph, Department of Philosophy participated and presented a paper in the Sixth UNESCO-Kumamoto University Bioethics Round Table Bioethics: From Theory to Practice in Kumamoto, Japan, December 2012.

**Presentations per Faculty**

- Average presentation in national and international conferences per faculty is 2.37

**Faculty serving on the editorial boards of National and International journals**

- Dr.M.James Antony, Associate Professor, Department of Economics is a member, Editorial Board of the Journal "Shanlax International Journal of Economics", Madurai
- Dr. M. Lellis Thivagar was a member of the Editorial Board in "KBM Journal of Mathematical and Computer Applications", KBM Scientific Publishing (P) Ltd., ISSN 2153-3784
- Dr.T.Salai Parkunan, Department of Mathematics, has been reviewing research papers submitted to the International Journal Acta Scientiarum - Technology (Brazil, ISSN: 18062563, 18078664, H-Index: 3)
- Dr.M.A.Jothirajan and Dr.A.Shanmugaraju, Department of Physics, have been reviewing research papers submitted to International Journals for publication.

| Faculty | Journals |
|---|---|
| Dr.M.A.Jothirajan | <ul><li>Nano Science and Nanotechnology Letters</li><li>Chemical Communications, RSC</li><li>Physical Chemistry –Chemical Physics, RSC</li><li>Journal of Applied Polymer Science</li></ul> |
| Dr.A.Shanmugaraju | <ul><li>Journal of Atmos. Solar-Terrestrial Physics, Springer</li><li>Planetary and Space Science, Elsevier</li></ul> |

**3.4.2 Does the College publish research journals? If yes, indicate the composition of the editorial board, publication policies and whether it is listed in international database?**

Yes.

From the academic year 2011-12 onwards the College started publishing a research Journal "SPARKS" (Journal of Scientific Praxis and Action Research for Knowledge Society). (ISSN 2277-5021) The first issue was released in March 2012.

**3.4.3 Give details of Publications by the Faculty**

- Publications in National and International Journals

Faculty publications in International journals have shown a considerable increase compared to the data of the previous assessment period.

The Department-wise comparison of publications clearly indicate that research is spread out over all the departments.

| Departments | Publications in Journals | |
| --- | --- | --- |
| | National | International |
| Tamil | 7 | 0 |
| English | 0 | 1 |
| Philosophy | 10 | 13 |
| History | 18 | 0 |
| Economics | 7 | 11 |
| Mathematics | 4 | 34 |
| Physics | 4 | 25 |
| RDS | 1 | 0 |
| Business Administration | 3 | 0 |
| IT & M | 1 | 0 |
| Physical Education | 1 | 0 |
| Commerce | 2 | 0 |
| TOTAL | 58 | 84 |

The faculty members of Department of Business Administration have started publishing online.

- Ms.Jerlin Rupa, has published four articles in www.indianmba.com and five articles in www.managementparadise.com .
- Ms.L.Raja Rajeswari, has published 10 articles in www.indianmba.com and one article each in www.allfreeessays.com, www.articlebase.com and www.managementparadise.com

## Books Published, Contribution to Books and Books Edited by Faculty

A comparison of the 2nd cycle performances with the current one clearly shows a marked improvement in publication of books, contribution to books and editing books as shown in the figure.

- **Chapters in Books : 62**

| S. No | Chapter | Title of the Book | Author | ISBN | Publication Details |
|---|---|---|---|---|---|
| 1 | Domesticity in Anita Brookner's Late Comers | Critical Essays on Contemporary British Fiction since 1950. | P.Veerasamy, Department of English | 81-234-1531-1 | Ed.S.Kanitha. New Century Book House (Pvt) Ltd., Chennai, 2009 |
| 2 | Contribution of Micro Finance in Poverty Alleviation | Micro-Finance and Rural Development. | Dr.M.James Antony, Department of Economics | 978-93-80031-16-3 | Ed. Kanak Kanti Bagchi. Abhijeet Publications, New Delhi, 2009 |
| 3 | Banking Sector reforms in India and their Impact | Special Economic Zones in India- Financial Inclusion: Challenges and Opportunities. | Dr.K. Aiyadurai, Department of Commerce. | 978-81-8387-275-1 | Ed. P.K.Manoj. Serials Publications, New Delhi, 2009. |
| 4 | Business Ethics– Delightful and debauched | Emerging Social perspectives and Parallel issues of Business management | P. Jerlin Rupa, Department of Business Administration | 978-81-90792-49-3 | Department of Management Studies, SRM University, Chennai, 2012. |
| 5 | Innovative Methods of Teaching | Professional Social Work- Best Practices and innovations in Teaching, Research and Extension | Dr.S. Michael John Peter and Dr.A.Sebastian Mahimai Raj, Arul Anandar College. | 978-81-7273-510-4 | Ed. Dr.Ilango Ponnuswami, Authors Press, 2011. |
| 6 | Knowledge Mission 2007 and Rural Farm Women | Indian Agriculture and Information and Communications Technology (ICT) | Dr.A.Thomas William, Department of RDS. | 978-81-7708-254-8 | Ed. Hilaria Soundari.New Century Publications. New Delhi, 2011. |
| 7 | Organisational Role Stress among Managers | Social Development in India – Retrospects and Prospects | Dr.A. Sebastian Mahimai Raj Department of RDS. | 978-81-7273-607-1 | Authors Press, New Delhi, 2011. |
| 8 | Impact of Web 2.0 Technologies in Higher Education: Opportunities and New Challenges | Facets for Quality in Higher Education | R.Justin Kennedy and Dr.A.Sebastian Mahimairaj Arul Anandar College. | 935-059-003-4 | Ed. Miridula Sahay and Ram Kumar Mishra .Macmillan, 2011 |

| 9 | Catalyst Role of Tamilnadu Jesuits in the Grassroot Mobilisation of Dalits | History of People and their Environs | Fr.Dr.M. Arockiasamy Xavier, S.J., Department of History. | 978-9380325910 | Edited by S.Ganeshram and C.Bhavani, Indian Universities Press, Chennai, 2011. Chapter 29. |
|---|---|---|---|---|---|
| 10 | Storying Eco-dialectic: An Indian Perspective | The Green Symphony- Essays in Ecocriticism | Dr.S.Vanathu Antoni, Department of Philosophy | 978-81-7625-727-5 | Edited by V.Rajakrishnan and Ujjwal Jana.Sarup Book Publishers Limited, New Delhi, 2011 |
| 11 | Experimental Investigations on Forced Circulation based up-draft solar air heater | Renewable Energy Research | Dr.I. Kulandaisamy, Department of Physics | 978-81-908283-7-6 | Ed. A.John Peter, S.D.D. Roy and R.V.Jeba Rajasekar, NMCC Publications, 2010. |
| 12 | Innovations in Teaching, Research and Extension | Professional Social Work- Best Practices and Innovations in Teaching, Research and Extension | Dr.A.Sebastian Mahimai Raj, Department of RDS | 978-817273-510-4 | Edited by : Dr.Ilango Ponnuswami, Authors Press, New Delhi, 2011 |
| 13 | Western Philosophical Foundations of Human Rights | Human Rights Discourse | Fr. A. Irudayaraj CMF, Department of Philosophy. | 978-81-906042-3-9 | Britto Publications, Madurai, 2008. |
| 14 | Dalit Human Rights as a Critique of Human Rights Paradigm | Human Rights Discourse | Dr. S. Lourdhunathan, Department of Philosophy. | 978-81-906042-3-9 | Britto Publications, Madurai, 2008. |
| 15 | The Development Path of India and Chaina | Issues in International Economics | Dr. K. Alamar and Dr. N. Murali, Department of Economics. | 978-81-906042-0-8 | Britto Publishing House, Madurai, 2009. |
| 16 | Venture Capital Financing Business in India | Issues in International Economics | Dr. S. Micheal John Peter, Department of Economics. | 978-81-906042-0-8 | Britto Publishing House, Madurai, 2009. |
| 17 | Foreign Direct Investment in India | Issues in International Economics | Dr. K. Alamar, Department of Economics. | 978-81-906042-0-8 | Britto Publishing House, Madurai, 2009. |
| 18 | India and Full Convertibility | Issues in International Economics | Dr. K. Alamar and Dr. N. Murali, Department of Economics. | 978-81-906042-0-8 | Britto Publishing House, Madurai, 2009. |

| 19 | Foreign Direct Investment in India's Retail Sector | Issues in International Economics | Dr. M. James Antony, Department of Economics. | 978-81-906042-0-8 | Britto Publishing House, Madurai, 2009. |
|---|---|---|---|---|---|
| 20 | Foreign Direct Investment and the Spectrum of Retail Trade in India | Issues in International Economics | Dr. M.Joseph Selvaraj, Department of Economics. | 978-81-906042-0-8 | Britto Publishing House, Madurai, 2009. |
| 21 | Special Economic Zones : Problems and Prospects | Issues in International Economics | Dr.M.Maria John Kennedy and Dr. K. Vennila, Department of Economics. | 978-81-906042-0-8 | Britto Publishing House, Madurai, 2009. |
| 22 | Special Economic Zones in India | Issues in International Economics | Dr. I. Jeyaraj, Department of Economics. | 978-81-906042-0-8 | Britto Publishing House, Madurai, 2009. |
| 23 | The Problem and Prospects of IT and ITES, SEZs | Issues in International Economics | Dr. M. Jeyabal, Department of Economics. | 978-81-906042-0-8 | Britto Publishing House, Madurai, 2009. |
| 24 | Economic Growth and Inclusiveness - An Indian Experience | Indian Economy and Inclusive Growth | Dr. K. Alamar and Dr. N. Murali, Department of Economics. | 978-81-906042-7-7 | Britto Publishing House, Madurai, 2009. |
| 25 | Inclusive Growth - A New Strategy for Development | Indian Economy and Inclusive Growth | Dr. M. James Antony, Department of Economics. | 978-81-906042-7-7 | Britto Publishing House, Madurai, 2009. |
| 26 | Contribution of Tourism to Economic Development in India | Indian Economy and Inclusive Growth | Dr.M.Maria John Kennedy, Department of Economics. | 978-81-906042-7-7 | Britto Publishing House, Madurai, 2009. |
| 27 | Gender – Urban Based Inclusiveness | Indian Economy and Inclusive Growth | Dr. S. Michael John Peter and Dr. I. Jeyaraj, Department of Economics. | 978-81-906042-7-7 | Britto Publishing House, Madurai, 2009. |
| 28 | Financial Crisis and the Future of Capitalism | Global Financial Crisis and its implication on Indian Economy | Dr. N. Murali and Dr. K. Alamar, Department of Economics. | 978-81-906042-2-2 | Britto Publishing House, Madurai, 2010. |
| 29 | World Financial Crisis and its Impact on Indian Financial Sector | Global Financial Crisis and its implication on Indian Economy | Dr. A.P. Ramabai and Dr. K.Vennila, Department of Economics. | 978-81-906042-2-2 | Britto Publishing House, Madurai, 2010. |

| 30 | Impact of Financial Crisis on Non-Farm Labourers | Global Financial Crisis and its implication on Indian Economy | Dr. S. Micheal John Peter and Dr. M. Joseph Selvaraj, Department of Economics. | 978-81-906042-2-2 | Britto Publishing House, Madurai, 2010. |
|---|---|---|---|---|---|
| 31 | International Financial Turmoil and its Impact on Indian Economy | Global Financial Crisis and its implication on Indian Economy | Dr. I. Jeyaraj, Department of Economics. | 978-81-906042-2-2 | Britto Publishing House, Madurai, 2010. |
| 32 | Multi Notification System for flooding in Mobile and Broadcast | Emerging Trends in Software Technologies | Mr. R. Justin Kennedy, Department of Computer Science. | 978-81-906042-6-0 | Britto Publishing House, Madurai, 2011. |
| 33 | Enhance Mathematical Analysis of Risk Involved in Web Applications | Emerging Trends in Software Technologies | Mr. B. Johnson, Department of Computer Applications. | 978-81-906042-6-0 | Britto Publishing House, Madurai, 2011. |
| 34 | Presentation of Dicom Images in Mammography Using Mat Lab | Emerging Trends in Software Technologies | Mr. R. Vishwanathan, Department of IT & M. | 978-81-906042-6-0 | Britto Publishing House, Madurai, 2011. |
| 35 | Transgressing Modernist Epistemic Justifications and Social Conditions for Social Consciousness Constructions | Social Consciousness Constructions | Dr. S. Lourdhunathan, Department of Philosophy. | 978-81-906042-5-3 | Britto Publishing House, Madurai, 2011. |
| 36 | Trajectory of Social Justice Consciousness in South Indian Politics | Social Consciousness Constructions | Dr. M. Arockiasamy Xavier, S.J., Department of History. | 978-81-906042-5-3 | Britto Publishing House, Madurai, 2011 |
| 37 | Dialectics of Religious Consciousness | Social Consciousness Constructions | Dr. M. George Joseph, Department of Philosophy. | 978-81-906042-5-3 | Britto Publishing House, Madurai, 2011. |
| 38 | Buddhist Pattern of Eco-Consciousness | Social Consciousness Constructions | Dr. S. Vanathu Antoni, Department of Philosophy | 978-81-906042-5-3 | Britto Publishing House, Madurai, 2011. |

| 39 | A Study on Stress among School Teachers with Special Reference to Madurai District | Competitive Business Strategies for Sustainable Development | Ms. P. Jerlin Rupa, Department of Business Administration. | 978-93-81208-11-3 | G. K. Publishers, Chennai, 2012. |
|----|---|---|---|---|---|
| 40 | Social Economic Analysis of Women Entrepreneurs in Madurai District Tamil Nadu | Innovative Strategies in Marketing the Manufactured products by SHGs | Dr. M. James Antony, Department of Economics. | 978-93-80657-86-8 | Shanlax Publications, Madurai, 2013. |
| 41 | Problems and Prospects of Women Entrepreneurs in Ramanathapuram District | Innovative Strategies in Marketing the Manufactured products by SHGs | Dr. A. Michael Raj and Dr. M. Antony Singh Dhas, Department of Economics. | 978-93-80657-86-8 | Shanlax Publications, Madurai, 2013. |
| 42 | Women Empowerment Through Self - Help Group | Innovative Strategies in Marketing the Manufactured products by SHGs | Dr. S. Michael John Peter and Dr. A.P. Ramabai, Department of Economics. | 978-93-80657-86-8 | Shanlax Publications, Madurai, 2013. |
| 43 | An Economic Study of Women Self – Help Groups in Madurai District | Innovative Strategies in Marketing the Manufactured products by SHGs | Dr. K. Vennila, Department of Economics. | 978-93-80657-86-8 | Shanlax Publications, Madurai, 2013. |
| 44 | Best Practices at Arul Anandar College | Best Practices in Higher Educational Institutions | Dr. S.Vanathu Antoni and Mr. N. Krishnamoorthy, Arul Anandar College. | 978-81-906042-8-4 | Britto Publishing House, Madurai, 2013. |
| 45 | Mentor Care Programme in AAC | Best Practices in Higher Educational Institutions | Dr. Maria John Kennedy, Department of Economics. | 978-81-906042-8-4 | Britto Publishing House, Madurai, 2013. |
| 46 | An International Academic Exposure – A Case Study | Best Practices in Higher Educational Institutions | Dr. A. Shanmugaraju, Department of Physics. | 978-81-906042-8-4 | Britto Publishing House, Madurai, 2013. |
| 47 | Audio – Lingual Method for Enhancing Language Skills | Best Practices in Higher Educational Institutions | Dr. Sr. Mary Lowrencia, SAC, Department of English. | 978-81-906042-8-4 | Britto Publishing House, Madurai, 2013. |
| 48 | Language Teaching and Learning | Best Practices in Higher Educational Institutions | Mr. H. Louduraj, Department of Philosophy. | 978-81-906042-8-4 | Britto Publishing House, Madurai, 2013. |

| 49 | Lab to Land Best Practices of $A^2 S^2 F$ | Best Practices in Higher Educational Institutions | Dr. M.A. Jothi Rajan, Department of Physics. | 978-81-906042-8-4 | Britto Publishing House, Madurai, 2013. |
|----|---|---|---|---|---|
| 50 | Centre for Women's Studies as a Threshold for Women Empowerment | Best Practices in Higher Educational Institutions | Ms. A. Sahaya Josephine Mary, Department of English. | 978-81-906042-8-4 | Britto Publishing House, Madurai, 2013. |
| 51 | The Digital Revolution for Enhancing Quality in Higher Education | Best Practices in Higher Educational Institutions | Ms. I. Juliet Shanthi, Department of Computer Applications. | 978-81-906042-8-4 | Britto Publishing House, Madurai, 2013. |
| 52 | Publication Distribution in India during 1980-2012 | Food Security Issues and Concerns | Dr. S. Micheal John Peter and Dr. A. P. Ramabai, Department of Economics. | 978-93-80657-84-4 | Shanlax Publications, Madurai, 2013. |
| 53 | Land Grab and Food Security | Food Security: Issues and Concerns | Dr. S. Arul Prasad, Department of RDS. | 978-93-80657-84-4 | Shanlax Publications, Madurai, 2013. |
| 54 | An Analysis of FDI in Multi Brand Retail and Food Security | Food Security: Issues and Concerns | Dr. N. Murali Dr. M. Maria John Kennedy, Department of Economics. | 978-93-80657-84-4 | Shanlax Publications, Madurai, 2013. |
| 55 | Influence of Complex Training and Yogic Practices of Selected Physiological and Psychological Variables Among College Men | Innovative Concepts in Physical Education and Yoga | Mr. L. Karuppiah, Department of Physical Education. | 978-93-80686-07-3 | Shanlax Publications, Madurai, 2013. |
| 56 | Yoga For Patients With Kidney Transplant | Innovative Concepts in Physical Education and Yoga | Ms. J. Vanitha, Department of Physical Education | 978-93-80686-07-3 | Shanlax Publications, Madurai, 2013. |

| 57 | Quantification Of Plyometric Training And Weight Training On The Development of Motor Fitness Components and Physiological Variable Among Men Students | Innovative Concepts in Physical Education and Yoga | Ms. J. Vanitha, Department of Physical Education. | 978-93-80686-07-3 | Shanlax Publications, Madurai, 2013. |
|---|---|---|---|---|---|
| 58 | Effects of Varied Durations, Frequencies and Densities of Circuit Training on Selected Physiological, Haematological Variables and The Performance In 800 Meters Running of College Men | | Dr. I. Raju, and Ms. J. Vanitha Arul Anandar College. | | |
| 59 | Nutrition For Athletes | Innovative Concepts in Physical Education and Yoga | Mr. L. Karuppiah, and Mr. R. Satheesh Franklin, Arul Anandar College. | 978-93-80686-07-3 | Shanlax Publications, Madurai, 2013. |
| 60 | Effect of Physical Exercise and Surya Namaskar Practices on Selected Physiological Variables among College Women Students | | Ms. N. Veeraparameswari, Department of Physical Education. | | |
| 61 | Effects of Plyometric Training on Selected Medical Fitness Variables among College Men Football Players | | Mr. A. Muthukumar, Department of Physical Education. | | |
| 62 | Online Advertisement Challenges And Issues | Contemporary Issues and Challenges in Advertising | Ms. M. Virgin Arockia Mary, Department of Commerce | 978-81-925376-0-3 | Sai Publication, Chennai. 2012 |

- **Books Published : 21**

| S.No | Title of the Book | Author | ISBN | Publication Details |
|---|---|---|---|---|
| 1 | India Kalai Varalaaru | Dr.M Solomon Bernard Shaw, Department of History. | 978-81-234-1863-6 | New Century Book House, Chennai, 2012. |
| 2 | Challenges of Indian Economy in the Post-Liberalisation Scenario | Dr. M. Maria John Kennedy, Department of Economics. | 81-8429-083-7 | Associate Publishers. Ambala, 2009 |
| 3 | Macro Economic Theory | | 978-81-203-4240-8 | Prentice Hall India. Eastern Economic Edition, 2011. |
| 4 | Objective Economics for Competitive Examinations | | 978-93-5024-954-3 | Himalaya Publishing House, New Delhi, 2011 |
| 5 | Public Finance | | 978-81-203-4539-3 | Prentice Hall India, Eastern Economic Edition, 2012 |
| 6. | New Class of Homeomorphisms in Bitopological Spaces | Dr.T. Salai Parkunan, Department of Mathematics. | 978-93-80686-52-3 | Shanlax Publishers, Madurai, 2013 |
| 7. | Allied Mathematics | Dr.T. Salai Parkunan, Dr.M.Joseph Israel, Mr.J.Xavier Adaikalaraj and Mr.J.Robert Dhilliban, Department of Mathematics. | 978-81-906042-9-1 | Britto Publishing House, Arul Anandar College, Madurai, 2103. |
| 8. | Food Security :Issues and Concerns | Dr.M. John Joseph, Department of RDS | 978-81-234-1863-6 | Shanlax Publishers, Madurai, 2013 |
| 9. | Sexual Integrity and Awareness | Dr. A. Thomas William, Department of RDS | 978-81-8457-285-8 | Kanishka Publications. New Delhi, 2011 |
| 10. | Rural Development: Concept and Recent Approaches | | 978-81-316-0265-2 | Rawat Publications. New Delhi, 2011. |
| 11 | Human Rights Discourse | Dr. S. Lourdhunathan, Department of Philosophy. | 978-81-906042-5-3 | Britto Publications, Madurai, March 2008. |

| 12 | Pages from the Periphery | Fr. Dr. M. Arockiasamy Xavier, S.J., Department of History. | 978-81-906042-1-5 | Britto Publishing House, Madurai, 2009. |
|---|---|---|---|---|
| 13 | Issues in International Economics | Dr. M. James Antony, Department of Economics. | 978-81-906042-0-8 | Britto Publishing House, Madurai, 2009. |
| 14 | Indian Economy and Inclusive Growth | Dr. M. James Antony, Department of Economics. | 978-81-906042-7-7 | Britto Publishing House, Madurai, 2009. |
| 15 | Therkai Surandum Vadaku | Fr. Dr. M. Arockiasamy Xavier, S.J., Department of History. | 978-93-80253-66-4 | Vaigarai Publishing House, Madurai, 2010. |
| 16 | Global Financial Crisis and its implication on Indian Economy | Dr. M. James Antony, Department of Economics. | 978-81-906042-2-2 | Britto Publishing House, Madurai, 2010. |
| 17 | Emerging Trends in Software Technologies | Ms. M. G. Mona Visalakshi and Mr. R. Justin Kennedy, Department of Computer Applications. | 978-81-906042-6-0 | Britto Publishing House, Madurai, 2011. |
| 18 | Social Consciousness Constructions | Dr. S. Lourdhunathan and Dr. M. George Joseph, Department of Philosophy. | 978-81-906042-5-3 | Britto Publishing House, Madurai, 2011. |
| 19 | Innovative Strategies in Marketing the Manufactured products by SHGs | Dr. M. James Antony, Department of Economics. | 978-93-80657-86-8 | Shanlax Publications, Madurai, 2013. |
| 20 | Best Practices in Higher Educational Institutions | Dr. S. Vanathu Antony and Mr.N.Krishna moorthy, Arul Anandar College. | 978-81-906042-8-4 | Britto Publishing House, Madurai, 2013. |
| 21 | Innovative Concepts in Physical Education and Yoga | Dr. I .Raju Department of Physical Education | 978-93-80686-07-3 | Shanlax Publications, Madurai, 2013. |

### Other Books

- Fr. Y.Raju S.J.  -  Spoken English Made Easy.
- Dr.I.Kulandaisamy and S.Sebastian – "Mechanics, Properties of Matter and Thermal Physics", Allied Physics Text Book published by the Department of Physics.
- Dr.I.Kulandaisamy and S.Sebastian – "Electricity, Modern Physics and Electronics", Allied Physics Text Book published by the Department of Physics.
- Department of Tamil and English have published text books for language studies.

### Research quality: Impact Factor and H-index

Citations and H-index (Taken using Google Scholar Citation Counter)

| Faculty | Impact factor of journals (range) | No. of cited publications | Number of citations | H-index |
|---|---|---|---|---|
| Dr.T. Salai  Parkunan Department of Mathematics | 0.224 to 2.282 | 1 | 6 | 1 |
| Dr. A. Shanmugaraju Department of Physics | 1.1 to 6.0 | 34 | 315 | 10 |
| Dr.M.A.Jothirajan Department of Physics | 0.7 to 2.3 | 1 | 6 | - |

### Faculty Member listed in International Database

Dr.T.Salai Parkunan, Department of Mathematics, is listed in the International Mathematics Zentralblatt Database edited by Europian Mathematical Society,FIZ Karlsruhe, Berlin and published by Springer International.

**3.4.4 Indicate the average number of successful M.Phil. and Ph.D. scholars guided per faculty**

Average number of successful M.Phil. Scholars guided per faculty is 6.1
Average number of successful Ph.D. scholars guided per faculty is 1.7

**3.4.5 What is the stated policy of the college to check Malpractices and misconduct in research?**

The College follows the policy of Madurai Kamaraj University, Madurai  to which it is affiliated.

**3.4.6 Does the College promote inter-disciplinary research? If yes, how many inter departmental/interdisciplinary research projects have been undertaken and mention the   number of departments involved in each endeavour.**

No.
At present, there are no inter-departmental research projects taken by the College.

**3.4.7 Mention the research awards instituted by the College**

The College has instituted 'Best Researcher Award' from the academic year 2009 carrying a cash award of Rs.1500/- and a certificate for Arts and Science separately.

**3.4.8 Provide details of**
* **Research awards received by the faculty**
* **Recognition received by the faculty from reputed professional bodies and agencies**

**Research Awards**
* Dr.M. Lellis Thivagar, Department of Mathematics, was awarded Tamil Nadu Scientist Award (TANSA) – for the year 2008 by Tamil Nadu State Council for Science and Technology (TNSCST), in 2009. (He is currently at Madurai Kamaraj University)

**Recognition**
* The research  paper "Lifelong Learning for Farmers: A New Pedagogy for Development" authored by Dr. M. John Joseph and Fr.Thomas Amirtham, Department of RDS in the '2010 Joint World Conference on Social Work and Social Development: The Agenda'; Hong Kong, China  won the Best Abstract Award in the Congress.

**3.4.9 State the incentives given to faculty for receiving state, national and international  recognition for research contribution.**

At present there are no incentives given to faculty receiving recognition for research contributions from reputed agencies.

**3.5  CONSULTANCY**

**3.5.1 What is the stated policy of the College for structured consultancy? List a few important consultancy services undertaken by the College.**

No structured consultancy policy is available.

Consultancy services undertaken by the college

Academic Consultancy
* The faculty of Arul Anandar College are expert members of the Board of Studies in various Colleges
* The faculty of Arul Anandar College give consultancy on College Autonomy, Assessment, Accreditation and IQAC

**3.5.2 Does the College have College-industry cell? If yes, what is its scope and range of activities?**

The college has no College-Industry Cell.

**3.5.3 Mode of publicising the expertise of the College for consultancy services and Departments  involved**

The consultancy services have not been formally published by the college. However the expertise of the staff members is available on the college website.

### 3.5.4 How does the College encourage the faculty to utilise the expertise for consultancy services?

The College places no restriction on faculty members who offer consultancy services.

If expertise on a specific area is requested from other institutions the college deputes the appropriate faculty to the Institution.

### 3.5.5 List the broad areas of consultancy services provided by the College and the revenue generated during the last four years.

The areas of consultancy services are

- Academic Consultancy
- Guidance for autonomy and accreditation for aspiring institutions
- Guidance for establishing IQAC in other Colleges

The faculty with the knowledge and permission of the management undertake honorary consultancy work.

The consultancy offered by the faculty is listed in the following table.

| Faculty | Consultancy |
|---------|-------------|
| Dr.A.J.C.Arockia Doss Dept. of Tamil | • Training Programme for School Teachers in Tamil, for Tamil Nadu Education Department. March 2012 |
| Dr.Antony Paul Gnanasekar, Dept. of History | • Training Programme for Graduate Teachers in Schools, Tamil Nadu Education Department. February 2012 |
| Dr.S.Vanathu Antony, Dept. of Philosophy | • IQAC and Accreditation: Orientation for College Teachers. PVP College of Arts and Science, Singarakottai. 1st Dec 2012 |
| Dr.T.Salai Parkunan, Dept. of Mathematics | • Preparation for Accreditation. Mock Peer Team Member for Yadhava College, Madurai, 2011<br>• Conducted Academic Audit in Fatima College on 21-8-2012. |
| Dr.M.Joseph Israel, Dept. of Mathematics | • Preparation for Accreditation. Mock Peer Team Member for Sri Parasakthi College for Women, Courtallam, 2012. |
| Mr.N.Krishnamoorthy, Dept. of Chemistry | • Preparation for Accreditation for the College Teachers. Ananda College, Devakottai. February 2011<br>• Consultancy in preparing SSR: St. Charles College of Education. Madurai. 2011.<br>• College Autonomy: Orientation for College Teachers. PVP College of Arts and Science, Singarakottai, 1st Dec 2012. |
| Dr.J.A.Charles, Dept. of Chemistry | • Institutional Accreditation and IQAC: Thiagarajar College, Madurai, 2012 |
| Dr.M.A.Jothirajan and Dr.K.S.Joseph Wilson Dept. of Physics | • Inservice Training Programme for Secondary Grade Science Teachers. TNSCST and JA College, January 2009 |
| Dr.M.John Joseph, Dept. of RDS | • Research Methodology and SPSS, Research Institute, Rajagiri College of Social Sciences, Kalamasseri, Kochi. July 2009 and 2010.<br>• Re-Accreditation Orientation for Faculty. Providence College for Women, Coonoor. June 2009<br>• Research Methodology for College Teachers. Organised by YMCA, Trivandrum. September 2010<br>• Research Process in Management. For M.Phil. and Ph.D. Scholars, Gandhigram Rural Institute, Gandhigram, September 2010.<br>• Research Methodology, Institute of Management in Government, Regional Centre, Kochi, May 2010 and Nov 2012.<br>• Institutional Accreditation: Visit to Thiagarajar College, Madurai, for an input session to the faculty, 2011.<br>• Company Approved SPSS trainer for research organisations and Institutions, 2013. |

## 3.6 INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR) AND EXTENSION ACTIVITIES

### 3.6.1 Sensitisation of the faculty and students on Institutional Social Responsibilities and the List of social outreach programmes which have created an impact on students' campus experience.

The Institution's responsibility and commitment to the community is reflected in its vision and mission statements. This commitment is translated into action through various social outreach programmes.

The college sensitises its faculty and students on social responsibilities through:

- Creating awareness on the importance of outreach programmes through meetings
- Involving II year undergraduate students in extension activities through ARISE which is a one credit outreach programme.
- Making community-oriented Part V courses compulsory in the curriculum
- Creating awareness through rallies on days of National importance in villages
- Student and faculty participation through NGOs

The important outreach programmes of the College are:

ARISE (ARulanandar Initiative for Social Education), RADAR (Rural Action Development And Research), ACPR (Arrupe Centre for Policy Research), VETEX (VETerinary EXtension). The above programmes are further supported through PART V activities such as NCC, NSS, YRC and ROTARACT. These programmes not only benefit the community but also play an important role in the development of the students. The participation of students in the outreach programmes instils a sense of social responsibility and commitment in the minds of the students making them agents of social change.

### 3.6.2 Promotion of College-neighbourhood network and student engagement, contributing to holistic development of students and sustained community development.

A senior faculty member is in charge of each extension activity. For each of Part V courses, NCC, NSS, ROTARACT, YRC and Physical Education, Board of Studies is constituted. The Board of Studies chalks out the programme for each unit and their evaluation procedure as these courses carry credits.

For ARISE which is a compulsory extension programme, a faculty member is in-charge of the Department of ARISE unit. There is a programme coordinator who oversees the activities of all the undergraduate Departments. The Departmental ARISE units are assigned a village each where they undertake a yearlong community service.

ACPR – Farmer's network is actively involved in livelihood development through training thirteen farmer clubs. These clubs are linked with banks for financial assistance to sustained development of the community.

For other extension units like RADAR, VETEX, CCRG, the staff coordinators in consultation with the Principal decide their programmes.

All the extension activities involve close collaboration with the panchayat presidents and villagers ensuring sustained community development.

### 3.6.3 Promotion of participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National / International agencies.

Part V is a compulsory component for two years and all students go through this for one credit. They have to do mandatory work of 80 hours to complete the course and earn the credit. The activities include organising awareness programmes, organising medical camps, Blood donation camps, Tree sapling plantation, conducting rallies, Village live-in experience, etc. Similarly ARISE as a compulsory programme ensures dedicated community service by the student for earning a credit. Participation in Part V and ARISE is mandatory for getting the degree.

### 3.6.4 Details on social surveys, research or extension work undertaken by the College to ensure social justice and empower the underprivileged and most vulnerable sections of the society.

- ACPR has done a complete survey of the socio-economic status of the farmers in the Chellampatti Panchayat Union.
- ARISE has made a complete survey of nearby villages and has documented it. This data forms the basis of ARISE extension work in these villages.
- The project by Dr. A. Thomas William, Department of RDS, focuses on the issues of Child Labour and Child trafficking in Usilampatti Taluk.
- A project by Dr. S. Arul Prasad, Department of RDS, focuses on the extent and causes of child labour in Floriculture in Dindigul district.
- Centre for Women's Studies through its awareness programmes sensitises the girl students of the college and also the women of nearby villages on issues related to women.
- The Centre for Women's Studies with the assistance of the post graduate students of Department of Rural Development Science and Department of Economics undertook two projects entitled 'Socio Economic Conditions of the Women Construction Workers' in Thirumangalam Taluk, Madurai District and a study on 'Women Empowerment through Self Help Group in Chellampatti Block'.
- The activities of Part V programmes NCC, NSS YRC and ROTARACT supplement the activities of the various extension programmes.

### 3.6.5 Details of awards / recognition received by the College for extension activities / community development work.

The College NSS Units have bagged awards for their excellent and committed work.

**NSS - Best Volunteer Awards**

| S. No. | Name | Roll No | Department | Name of the award | Year |
|--------|------|---------|------------|-------------------|------|
| 1 | Ms. Sumithra M | 07BA3264 | Business Administration | University Level Best Volunteer Award | 2008 – 09 |
| 2 | Mr.Satheesh Kumar D | 07CM3154 | Commerce | State Level Best Volunteer Award | 2008 – 09 |
| 3 | Mr.Joshva T | 08IT3329 | Information Technology | State Level Best Volunteer Award | 2009 – 10 |
| 4 | Ms.Angel Gracius D | 08EC1101 | Economics | State Level Best Volunteer Award | 2009 – 10 |
| 5 | Mr.Ananda Kumar | 09HIS1256 | History | University Level Best Volunteer Award | 2011 – 12 |

### NSS- Best Programme Officer Awards

- Dr.S.Arul Prasad, Mr.P. Andrews Kennedy and Mrs.S. Jegadeeswari received the University Level Best Programme Officer Award for the years 2007-2008, 2008-09 and 2011 – 12 respectively.

### Youth Red Cross

- Mr.G. Stephy (08PH1332) got the First Prize in "AIDS Awareness Programme" competition organized by the Indian Red Cross Society, Chennai-AIDS Awareness on 07.10.2009.

### 3.6.6 Reflection on objectives and expected outcomes of the extension activities organised by the College.

The objective and mission of the college is to make the students instruments of social transformation by providing good education and through extension activities. While carrying out extension work, students' visit to the villages gives them a new understanding and awareness on the problems and issues that plague the villages.

The faculty members by providing an insight to the students on the community aspects transform the mind-set of the students to be more active and aware of their roles in the community development.

### Extension programmes complementing students' academic learning experience – skills and values

The extension activities make students

- Aware of social issues and develop civic responsibility, commitment to society and humaneness
- Sensitive to environment, gender and human rights
- Analyse issues and finding solutions

- Understand the real-life problems of society

Thus quality education and sustained community work try to make the student sensitive to the issues of the community thereby taking the college a step closer to its vision of making them agents of social change.

**3.6.7 Involvement of the community in its outreach activities and contribution to the community development.**

All the extension and Part V programmes are planned and executed in close collaboration with the Panchayat Presidents and the village community. The village service camps, health camps and veterinary camps are conducted by inviting the village leaders to act as the chief guest thereby ensuring the participation of villagers. The planning and execution of all the community-oriented services are carried out in consultation with the villagers.

The programmes which have active participation of the community are:

Rural Sports Meet, Science Exhibitions and Awareness Programmes, Health camps, Tree Planting, Health and Hygiene camps, Eye and ENT camps for school children, HIV and AIDS awareness, celebration of festivals and days of National importance, awareness on Government programmes and tuition classes for school children.

**3.6.8 Tracking students' involvement in various social movements / activities which promote citizenship roles**

The involvement of students in various social movements/activities is closely monitored. Their role in the college extension activities is monitored and recorded. Opportunities are given to students to participate in programmes such as Youth Parliament, and leadership training programmes that promote citizenship roles. NSS students extend their help in conducting the local body civic elections.

**3.6.9 Details on the constructive relationships with other institutions in the nearby locality in working on various outreach and extension activities.**

The outreach and extension programmes are carried out by getting expertise from other agencies. The institutions that provide their assistance and expertise are Soroptimist International, WED Trust, ARD, Vidiyal, DHAN Foundation, SOCO Trust, People's Watch, Madurai and Tamil Nadu Agricultural University, Coimbatore.

**3.7 COLLABORATION**

**3.7.1 Impact of College's collaboration with other agencies on the visibility, identity and diversity of activities on the campus. Academic and financial benefits to the College because of collaborations.**

**Impact of collaboration with neighbouring NGOs**

- The college is identified as a partner in social development.
- Resource sharing for effective implementation of social programmes
- Facilitates openness at the grassroot level.

- Publicising such programmes increases the visibility of the College in the public domain.
- Need for dissemination of ideas further the scope for research and study.
- Recognition of the College as a Value Provider.

**Collaboration with International Bodies**

- Recognition for Arul Anandar College as a resource centre for social studies and research.
- Cross-fertilisation of ideas broad-based the academic and research horizon.
- Promotes willingness to perceive and appreciate cultural diversities and differences.

**Benefits**

- Research papers have been published in collaboration with researchers in India and abroad.
- Collaboration with industries has facilitated students' taking up in-plant training and projects
- Collaboration with NGOs and health organisations helps in organising community programmes.
- Collaboration with Projects Abroad, Madurai has resulted in taking up consultancy and training programmes for students from UK, Canada and US in veterinary practices.
- The above programmes give an identity to the college as a social catalyst.

**3.7.2 Mention specific examples of, how these linkages promote**

**Curriculum Development**

- Linkages help in updating the curriculum by introducing courses on emerging trends, socially-relevant and job-oriented courses.
- The Collaboration of RDS department with NGOs has facilitated the introduction of NGO Management in the RDS curriculum.
- The institutionalisation of Human Rights Education in the curriculum is facilitated by collaboration with NGOs like People's Watch.
- Collaboration with Commonwealth of Learning (CoL) helped introduce a paper on Lifelong Learning for Farmers in RDS.
- The presence of subject experts from other institutions in the Board of Studies helped the departments in carrying out curricular reforms.

**Internship, on-the job training**

- For MCA, Commerce, B.B.A. and B.Sc. IT & M students, linkage with industries promotes better in-plant training/project opportunities.

**Faculty exchange and development**

- The interaction with students from abroad for research guidance and training has helped broaden the academic and research horizon of the faculty members.

### Research, Publication

- The discussions and presentations in the international conferences organised by the Department of Philosophy have enhanced the sharing of ideas facilitating research on varied themes.
- The research guidance provided to students of University of Namur, Belgium has facilitated the publication of a research paper in an international journal.

### Consultancy, Extension

- The linkages with NGOs have made the organisation and implementation of extension activities very effective.
- The consultancy provided by IQAC to other colleges on accreditation and autonomy has facilitated the understanding and appreciation of best practices.

### Student Placement

- The interaction of departments with companies for in-plant training and the efforts of the Placement Cell have increased the scope of getting employment for our students.

**3.7.3 MoUs with nationally / internationally and with institutions of national importance / other universities / industries / corporate houses.**

The College has signed MoUs with

- Projects Abroad, Madurai
- Sulabh International, New Delhi
- University of Namur, Belgium

**Contribution of MoUs in enhancing the quality and output of teaching-learning, research and development activities of the College.**

**National MoU with Projects Abroad**

The MoU with Projects Abroad, Madurai, envisages research guidance and rural development training for students coming from abroad.

Following students were trained in Veterinary practices by VETEX, under Projects Abroad.

- Ms.Raquel Escobar (US), Ms.Chloe Louise Davison (UK) and Ms. Justine Maybee (Canada) from 20-7-2010 to 23-7-2010.
- Ms.Rebecca Lang (Australia), for 2 weeks from 5-11-2010
- Ms.Sarah Church (UK), for 2 weeks from 2-9-2010
- Ms.Elizabeth Newsom Stewart (US), for 4 weeks from 4-10-2010
- Ms.BethanyEccles (UK), for 2 weeks from 9-1-2011.
- Two students, one from Belgium and another from Denmark underwent training during September 2011.

**National MoU with Sulabh International, New Delhi.**

With financial assistance and collaboration, the College has established a human waste based biogas plant in the College. Sulabh International has sought the assistance of the College in popularising and establishing such environment-friendly units in other parts of Tamil Nadu.

**International MoU with University of Namur, Belgium**

The collaboration with University of Namur, Belgium is aimed at research collaboration between the two institutions.

- Professional guidance to a group of students from the University of Namur on Jain Monuments around Madurai was given from 6-7-2009 to 10-7-2009.
- Dr.M.John Joseph, Department of RDS, is guiding Ms.Alexandra de Heering, University of Namur in her doctoral work.
- Ms.Pauline from Namur University took special classes for Economics and Mathematics students.

**3.7.4 College-industry interactions and establishment / creation of highly specialised laboratories / facilities**

The College-industry collaborations have not been translated into establishing specialised laboratories in the college.

**Any additional information regarding research, consultancy and extension, which the institution would like to include.**

**Research Expertise offered by the Staff**

Dr.A.Sundararaj, served as Subject Expert in the Junior Research Fellow selection for the UGC Major Research Project sanctioned to the Principal Investigator Dr.ArockiamThaddeus, Associate Professor in Zoology, Jayaraj Annapackiam College, Periyakulam for the project titled "An Inventory Study on available Earthworm Species for Prospective Vermicomposting and Vermiculture amidst Global Warming towards Global Worming" during 2012. (F.No. 41 – 44/2012(SR))

# CRITERION - IV

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1    PHYSICAL FACILITIES

The College, established in a semi-arid region in 1970, wears a green look with trees, different species and other vegetation due to the tireless efforts of the management. The atmosphere of the college is conducive for higher learning.

After the last accreditation in 2008, there has been a massive change in the college in terms of infrastructure with new buildings, computer facilities, internet, gym, eco-friendly measures, etc. A new indoor stadium is under construction.

The college has installed a 5 KW hybrid-solar wind power generation unit to augment power supply.


ARUL ANANDAR COLLEGE CAMPUS

Total campus area            :  37.47 acres
Agricultural farm near Kannanur  :  40.73 acres
Total built up area          :  1,72,629.5 sq. ft.
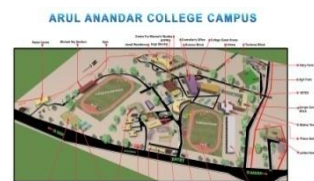
| S.No. | Name of the Building | Area (in sq. ft.) before March, 2008 | Area added (in sq. ft.) after March, 2008 |
|-------|---------------------|--------------------------------------|-------------------------------------------|
|       | Total Building Area | 1,35,448 |  |
| 1.    | Aruppe  Centenery Block |  | 11561 |
| 2.    | Women's Hostel |  | 8596 |
| 3.    | Power Room (behind hostel) |  | 600 |
| 4.    | Health Centre |  | 1325 |
| 5.    | Bank |  | 1162.5 |
| 6.    | Jesuit Residence (new block) |  | 4338 |
| 7.    | Hostel Building (Men) |  | 4741 |
| 8.    | RADAR |  | 2600 |
| 9.    | Toilet (men) |  | 490 |
| 10.   | Toilet (women) |  | 490 |
| 11.   | Water Tank |  | 1278 |
| Total area added during this assessment period |  |  | **37181.5** |

**4.1.1 How does the College plan and ensure adequate availability of physical infrastructure and ensure its optimal utilisation?**

The College management takes adequate steps to plan and ensure the availability of necessary physical infrastructure needed for the various programmes. The management has evolved a master plan for infrastructure development with budgetary requirements and a time frame for completion.

The optimum use of the available physical infrastructure is ensured by having academic programmes in two shifts.

- Shift I is from 8.30 am to 1.20 pm and shift II from 1.30 pm to 6.00 pm. B.Sc., Physical Education programme is conducted from 11.15 am to 6.00 pm.
- Career Oriented Certificate Courses are conducted apart from regular class hours for three days a week.
- Part V classes are conducted in the afternoon for Shift I courses.
- Remedial Classes for slow learners are conducted in the afternoon for Shift I courses.
- Part V, Remedial Classes and other programmes for shift-II are conducted from 11.30 am onwards.
- NET/SLET and IAS coaching classes are conducted on Saturdays.
- The departments have been equipped with ICT enabled classrooms.
- For conducting seminars, conferences and special lectures, the audio-visual room, Diraviam Arangam (DA), Mother Teresa Hall (MT Hall), George Hall and Prince Hall are utilised on prior booking.
- Apart from the academic programmes, the campus is also utilised by Government Departments for conducting local body and state elections, TNPSC examinations, various training programmes organised by Government and NGOs, rural sports meet, etc.
- Local youth avail the facilities of the gym and the playground in the early morning and evening.

**4.1.2 Does the College have a policy for creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.**

Yes.

The policy of the management is to create, upgrade and enhance the physical and ICT related infrastructure to meet the growing needs of the College. In the last four years, the management has enhanced the facilities for a better academic environment, through its own funds and through resource mobilisation from well-wishers, government agencies and the UGC.

The recent initiatives taken by the college are:
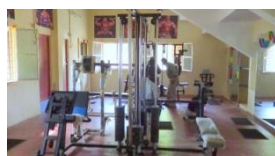
**Physical Infrastructure**



● A new three storeyed academic block (Arrupe Block) was constructed to accommodate more courses.



Old　　　　　　New

● All the roads in the college premises are asphalted.



● The construction of a new compound wall and a majestic entrance gate give the college a look.



Old　　　　　　New

● A new gym has been installed.



● An overhead water tank of two lakh litres capacity is constructed.

● A three phase electric connectivity was installed by the Electricity Board.

● To meet out the intermittent power supply, a 200 KVA backup power supply has been installed, apart from the existing 100 KVA.

● A Baby Day Care Centre was initiated.

● RO drinking water supply has been provided.

● The Mother Teresa and Prince Seminar halls were air-conditioned.

● Public address system was extended to all the class rooms.

● A new branch of Indian Overseas Bank, with ATM facility, has been established to serve the college, students and the village community.

● Two new laboratories have been built up in the Departments of Physics and Chemistry for the condusive learning of the students.

● The Department of Food Science and Technology has been provided with two new laboratories and one new micro biology laboratory.

● All the departments of the College have been provided with laptops, printers and internet connectivity through LAN.

● All the major Departments have been given LCD projectors and audio systems.

● A biogas plant from human waste was built with the assistance of Sulabh International, New Delhi. The bio-plant saves 30% of the fuel bill of the college hostel kitchen.

- The college has installed a 5KV Hybrid (Wind-Solar) system under MNRE subsidy scheme which supplies power for lighting and fans for 10 class rooms.

- A smart class room has been set up for Computer Applications Department.
- Hostel kitchen and dining hall are furnished with:
    - Modern boiler.
    - High capacity grinding machines for rice and coconut separately.
    - Kneading machine.
    - Kitchen tiles.
    - Steel dining tables.
    - Bio-metric entry system.
    - New toilets have been constructed in Arrupe Block.

**Sports Facilities**
- With the generous financial assistance of Indev Group of Industries, a multi-purpose stadium and logistics centre were constructed.
- Handball and Tennis grounds were added.
- A new Indoor Stadium is under construction with a financial assistance from UGC.

**ICT Infrastructure**
- Additional computer systems were bestowed to College office and Office of the Controller of Examinations.
- 2 Mbps internet connectivity was established.
- A new computer laboratory was set up in the Arrupe Block exclusively for MCA programme.

**4.1.3 Does the College provide all departments with facilities like office room, common room, and separate rest rooms for women students and staff?**
Yes.

All the departments have well-furnished staff rooms. For teaching and non-teaching staff separate common rooms and rest rooms are available. Rest rooms and common rooms are available for women students and staff separately.

**4.1.4 How does the College ensure that the infrastructure facilities meet the requirements of students/staff with disabilities?**
In the newly constructed blocks, ramp facility has been installed for the differently-abled persons for easy access. Disabled-friendly ramps and toilet facilities have been established in the hostels.
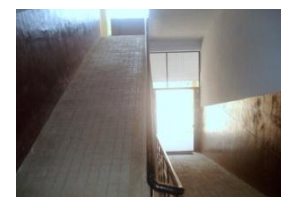
**4.1.5 How does the College cater to the residential requirements of students? Mention capacity of the hostels and occupancy \*Recreational facilities in hostel/s like gymnasium, yoga centre etc.\* Broadband connectivity / wi-fi connectivity in hostel/s.**

Separate hostels are available for men and women.

Men's hostel is in the premises of the college campus, while the well-protected women's hostel is very close to the college. A safe-foot path has been made for easy passage of the girl students from hostel to college.

### Men's Hostels

Six blocks, containing 157 rooms with an area of 20250 sq.ft. are available to accommodate 629 students. The total built-up area of the hostels is 34021 sq.ft. There is a modern central kitchen common to men's and women's hostels.

**Men's Hostel**

| Name of the Hall | No. of Rooms | Area in sq. ft. | No. of students |
|---|---|---|---|
| *Loyola (192 sq.ft.per room) | 20 | 3840 | 113 |
| *Xavier (192 sq.ft.per room) | 20 | 3840 | 109 |
| *Beschi (192 sq.ft.per room) | 20 | 3840 | 113 |
| Valluvar (90 sq.ft.per room) | 33 | 2970 | 99 |
| Gandhi (90 sq.ft.per room) | 32 | 2880 | 99 |
| Tagore (90 sq.ft.per room) | 32 | 2880 | 96 |
| Total | 157 | 20250 | 629 |

\* Rooms have fan facilities

### Facilities in the Hostels

- 24 hour mineral water and hot water facility.
- Backup power supply.
- Modern steam kitchen and dining hall.
- English Newspaper supplied to all rooms.
- Nine computer systems with broadband connectivity for the use of the students.
- Five televisions with satellite TV connection.
- Students' Training programme
  - Car driving
  - Type Writing
  - Spoken English
  - Yoga

**Women's Hostel**



- 52 rooms with a total area of 9984sq.ft. to accommodate 274 students.
- The hostel is provided with 24 hour mineral water and hot water facility.
- The hostel has 5 KVA backup power supply and a dining hall.
- Seven computer systems available for the use of the students with broadband connectivity.
- One television with dish TV connection is available for student recreation.
- English Newspaper is supplied to all the rooms.
- The students are also given training in Type Writing, Spoken English, Film Appreciation, Tailoring and Yoga. Atleast 166 students are benefited from the facilities.
- The hostel is provided with indoor game facilities such as Chess, Carom, etc.

**4.1.6  How does the College cope with the health related support services for its students, faculty and non-teaching staff on the campus and beyond?**

The college has a Health Centre with a Staff Nurse to attend to the immediate health needs    of the students.

For major health problems, the college van is used for taking the sick students to the nearby hospital.

**4.1.7  What special facilities are made available on the campus to promote interest in sports and cultural events?**

To nurture interest in sports, the college has introduced Physical Education as a UG programme. The department of Physical Education conducts intra-mural sports and games competitions to promote the participation of students in sports-related activities.

The following sports facilities are available in the college.

| Category | Game | No. of Court/Field |
|---|---|---|
| Outdoor  Games | Football | 2 |
| | Hockey | 1 |
| | Basketball | 1 |
| | Volleyball | 1 |
| | Cricket | 1 |
| | Kabbadi | 1 |
| | Kho-Kho | 1 |
| | Handball | 1 |
| | Ball Badminton | 1 |
| Indoor  Games | Chess | |
| | Table Tennis | |
| | Badminton (shuttle) | |
| | Weight Lifting | |
| | A new indoor stadium is under construction | |
| Athletics | Stadium with Multi-Gym Facilities | |
| | 8 Lane-Track with international measurements and facilities | |

For cultural events

- Musical instruments
- Necessary power amplifiers, mixers and speaker systems
- An open-air stage for organising cultural events.

## 4.2 LIBRARY AS A LEARNING RESOURCE

### 4.2.1 Does the library have an advisory committee? Specify the composition of such a committee. What significant initiatives have been implemented by the Committee to render the library, student/user friendly?

Yes. The library has an advisory committee to study library needs and advise on matters of library policy and development of resources.

**Composition:** The committee comprises the Principal, one representative from the Management as library warden, librarian, three staff members from various departments and one library staff.

Initiatives implemented by the Committee

- Augmenting library resources
- Computerisation of library resources
- E-resource subscription, maintenance, computer and internet facility.
- Earn while you learn facilty is available for students
- Arranging student awareness programmes and book exhibitions.

### 4.2.2 Provide details of the following: Total area of the library (in sq.mts), total seating capacity Working Hours - (on working days, on holidays, before examination days, during examination days and during vacation).Layout of the library.
Access to the premises through prominent display of clearly laid out floor plans; adequate signage; fire alarm; access to differently abled users and mode of access to collection.

Total area of the library    : 8051 sq. ft
Total seating capacity    : 120

**Working Hours**
On working days    : 8.30 am to  6 pm
On holidays (except Sunday) : 10 am to 4 pm
Before examination days    : 9 am to 4 pm
During examination days    : 8.30 am to 6 pm
During vacation    : 10 am to 4 pm

**Layout of the Library**

Section 1 – Entrance

Readers Suggestion box, Reader property counter, e-Gate register, Book return point.

Section II  -  Information Display service New arrivals, staff publications, Library user status, Employment opportunity and Competitive examinations display.
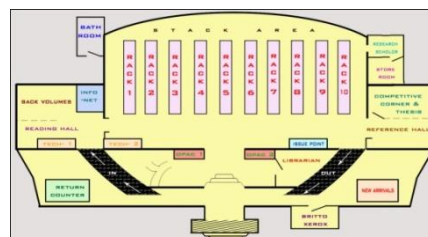
Section III  -  Reprography Section.

Section IV  -  Current Journals, Periodicals and Back Volume section

Section V  -  Browsing and INFLIBNET Centre

Section VI  -  Stack Room

Section VII  -  Scholars' Area

Section VIII  -  Reference Section

All the above sections are monitored through eight CCTV cameras

Section IX  -  Competitive Examinations Corner

Section X  -  Thesis and Question Paper Collections

Section XI  -  Book Issue Point

Section XII  -  Librarian Room

Section XIII  -  Web OPAC and card catalogue area.

Signage, Fire-extinguishers, Access to differently-abled users and mode of access to collection

- Sign boards have been placed indicating different sections of the Library such as, Stack room, Reference Section, Competitive Examinations Centre, back volume and periodical sections.
- Five fire extinguishers have been placed; two in the stack room, one in the periodical section, one in the reference section and one in Competitive Examinations Corner section.
- Ramp is setup at the entrance of the periodical section for the differently abled persons.
- Open access mode to identify and select the relevant subject books by the students is followed.

**4.2.3 Give details on the library holdings- Total number of Print (Books, back volumes, theses) b) Non-print-Microfiche, AV c) Electronic (e-Books,e-Journals) d) Special Collection (Text books, Reference Books, Standards, Patents)**

Total number of:

a)  Printed

    Total Books                  : 54,500

    Back volumes              :   1561

|  |  |  |
|---|---|---|
| PG (Books) | : | 715 |
| M.Phil. | : | 122 |

Ph.D. theses are kept in the Department libraries.

b) Downloaded e-documents:

|  |  |  |
|---|---|---|
| E-books | : | 1313 |
| AV (Learning Materials) | : |  |
|     Audio | : | 422 |
|     Video | : | 1842 |
| Online e –documents | : |  |
| Through INFLIBENT Access |  |  |
|     E-books | : | 5100 |
|     E- Journals | : | 2100 |
| c) Electronic e-documents on CD: |  |  |
|     E-Books | : | 452 |
|     E-Journals | : | 40 |
| d) Special Collection |  |  |
|     Text books | : | 50502 |
|     Reference Books | : | 2761 |
|     Competitive Examination Books | : | 1237 |
|       Total | : | 54500 |

**4.2.4** **What tools does the library deploy to provide access to the collection? OPAC, Electronic Resource Management package for e-journals, Federated searching tools to search articles in multiple databases, Library website, in-house / remote access to e-publications**.

During the academic year 2012 – 2013, the library has introduced a new intra-network OPAC for library documents access.

Two computers with OPAC help in making author-wise, title-wise, subject and publisher-wise search of library collections.

We follow electronic content management system of books and journals. Also e-journals, E-books, audio and video stored in 4 TB external HDD are available for the access of staff and students. A printed booklet listing these resources has been given to all the departments.

**Federated searching tools**

Free on-line federated search tools like http://www.science.gov/NIST, springer.com and http://worldwidescience.org/ are used to access multiple databases and articles on science.

Library website: The library has introduced a separate online OPAC system in the college website for online catalogue and membership status access.

**4.2.5** **To what extent is the ICT deployed in the library? Library Automation- Total number of computers for public access.Total number of printers for public access.Internetbandwidthspeed.Institutional Repository-Content management system for e-learning. Participation in Resource sharing networks / consortia (like INFLIBNET)**

In the academic year 2012 – 2013, the library has introduced the e-Entry system for reader entry registration.

- **Library automation:** The library uses effective software, namely, Lips.I.Net 5.0, developed by Dolphin Software for Library Automation. For book circulation bar coding has been adopted. Database on collection, book circulation, renewal and return of books have been computerised. Students' entry to the library is electronically recorded.

- **Total number of computers for public access:** 11 computers are made available for public access. Of these, two systems are used for OPAC, one for e-gate and remaining eight are allotted for accessing e-resources.

- **Total number of printers for public access:** One dot matrix printer is available for public   access.

- **Institutional Repositor:** A separate library server is available for the storage of library resources and e-document.

- **Content management system for e-learning:** We follow e-content management system in the book and journal content.

- **Participation in Resource sharing networks / consortia (like INFLIBNET):** Library has N-list programme of INFLIBNET from 2010 onwards.

- **CCTV Camera:** For the protection of library resources eight CCTV cameras are fixed in the library.

**4.2.6** **Provide details: Average number of walk-ins -Average number of books issuedreturned-Ratio of library books to students enrolled-Average number of books added  during last three years-Average number of login to OPAC - Average number of log-ins to e-resources -Average number of e-resources downloaded / printed -Number of information literacy training organised.**

| Year | Average number (per day) | | | | | Books added | Ratio of library books to students enrolled |
|------|-----------------|----------|----------------|----------------------------|---------|-------|-------------------|
| | Books issued/ Returned | login to OPAC | log-ins to e-resources | e-resources downloaded/ printed | walk-ins | | |
| 2008-09 | 117 | 53 | --- | --- | 331 | 2000 | 1:24 |
| 2009-10 | 120 | 60 | 37 | 22 | 336 | 1500 | 1:25 |
| 2010-11 | 133 | 64 | 41 | 34 | 332 | 2000 | 1:25 |
| 2011-12 | 113 | 60 | 66 | 49 | 329 | 3500 | 1:26 |
| 2012-13 | 135 | 61 | 78 | 57 | 305 | 1500 | 1:23 |

**4.2.7** **Give details of the specialised services provided by the library –Manuscripts - Reprography-Inter-Library loan service-Information deployment and Notification-OPAC-Internet access-Downloads – Printouts - Reading list/ Bibliography compilation-In-house / remote access to e-resources- User orientation – Assistance in searching databases-INFLIBNET / IUC facilities**

**Manuscripts**: No manuscripts are stored in the library.

**Reference:** The library provides reference services to students, alumni and research scholars.

**Reprography:** Reprography facility with one photo-copier cum printer is available.

**Inter-library loan service:** The library arranges for inter-library loan service on request.

**Information Deployment and Notification:** The new arrivals and library related information are made available through display boards. Job opportunities, paper clippings on important events are displayed.

**OPAC** - Two computers with OPAC, help in making author-wise, title-wise, subject- and publisher-wise search of library collections.

**Internet facility, downloads-printouts:** Eight systems with 2 mbps internet connectivity are available for internet and e-resource access and downloading. Access is restricted only to education-related websites.

**Reading List and Bibliography compilation:** The library houses all the books needed by the Departments. If required, the library compiles the list of books available using OPAC and also provides a list of audio and video resources available as supplementary tools for the Departments. The library has a collection of UGC resources, College reports, and question paper collections for access.

**Best Reader Award**: Two Best Reader Awards are given every year for the frequent library users.

**User-Orientation:** An orientation programme is conducted for the UG and PG students about the library, its services and resources and the mode of access in the beginning of the academic year 2012 – 2013.

**Assistance in searching databases and INFLIBNET:** Library staff does the needful to make use of INFLIBNET and other methods of accessing online databases.

**4.2.8** **Provide details of the annual library budget and the amount spent for purchasing new books and journals.**

| Year | Books Added | Amount spent for Purchase of Books (Rs) (Aided Courses) | Total Number of Journals Subscribed | Total amount Spent for Journals (Rs.) |
|---|---|---|---|---|
| 2008-09 | 2000 | 5,14,343 | 115 | 43,063 |
| 2009-10 | 1500 | 4,27,737 | 118 | 52,337 |
| 2010-11 | 2000 | 5,92,545 | 110 | 53,673 |
| 2011-12 | 3500 | 8,90,821 | 120 | 69,115 |
| 2012-13 | 1500 | 4,95,574 | 117 | 68,225 |

**Self-Financed Courses:** During the last five year period a total amount of Rs.7,26,874/- has been spent for purchasing 1713 books.

**4.2.9  Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services?**

A suggestion box is kept in the library for getting feedback from the students. The box is opened every week and the comments and suggestions of the users are taken to the library committee for discussion and, if found suitable, considered for implementation. Some of the implemented suggestions are:

- Increasing in the book circulation time.
- Establishment of a separate section for competitive examination books.
- Increasing of browsing time provided to the students.
- Multiple copies of text books are purchased.

**4.2.10  List the infrastructural development of the library over the last four years.**

Infrastructural development work carried out in the library in the last four years:

- Getting internet facility, INFLIBNET
- Power backup
- A separate section for accessing e-resources
- Stack room area is increased
- Establishment of competitive examinations corner
- Display of enpboard at the entrance
- Fixing CCTV Camera

**4.2.11  Did the library organise workshop/s for students, teachers, non-teaching staff of the College to facilitate better library usage?**

The library awareness exposure programme is conducted for introducing library information service and the availability of books, journals and magazines to the beginners every year.

The library also arranges book exhibitions every year for the benefit of staff and students.

**4.3    IT INFRASTRUCTURE**

**4.3.1  Does the College have comprehensive IT policy addressing standards on IT service Management, Information security, Network security, Risk Management and Software Assessment Management?**

The College has a policy of allowing the use of IT infrastructure only for academic and administrative purposes. Accessing social network and related sites are blocked. Network security is borne by hardware based Sonic  firewall and IT management services are carried out by qualified system engineers.

## 4.3.2 Give details of the College's Computing Facilities (Hardware and Software)

### Number of Systems with Configuration Update

| | Number of Systems | Configuration |
|---|---|---|
| UG-Computer Lab – 1 (SF) | 43 | Pentium Dual Core 2nd Gen. 2.7 GHz<br>2 GB RAM/500 GB HDD/15.6 LCD |
| UG-Computer Lab –II (SF) | 36 | (23 no's) Pentium D2.66 GHz/1GB RAM/160GB<br>(5 no's) Pentium Dual Core 2nd Gen 2.7GHz/2GB RAM/500GB HDD/15.6 LCD (8 no's) Intel Dual Core Duo 2.66GHz/ 1GB/ 160GB 15.6LCD |
| Browsing Center for staff | 6 | Intel Core 2Duo 2.93GHz 4GB RAM/500GB HDD with N Computing Technology |
| Browsing Center for students | 22 | Intel Core 2Duo 2.93GHz 4GB RAM/500GB HDD with N Computing Technology |
| Servers | 6 | IBM X3500 Xeon 2.33(Dolphin Librery Software)<br>HP Prolent Xeon – Tally ERP server<br>IBM  X 3300 m4<br>Intel Quad core Xeon – Web server<br>Acer Desktop<br>Core Quad 2.50 GHz – Attendance Server<br>IBM 3400 Xeon – Mail server |
| Computer Literacy Lab | 51 | 16 no's Core 2Duo 2.93GHz<br>45 no's Pentium 1V 1.70GHz |
| Administrative Offices<br>Principal<br>Main Office<br>Vice Principal(Aided)<br>Treasurer<br>IQAC/Dean/Dean Acadamic<br>Students/PRO<br>SFMain Office/Deputy<br>Principal/Vice Principal (SF) | 22 | 3 Core i5/4GB/500<br>5 Core i3/2GB/500\<br>10 Core 2000/1GB/160<br>12 Pentium D/512/80GB<br>2 Pendium IV/512/40GB |
| Controller's Office | 7 | 1 HP Prolient IV - File server<br>2 Pentium III/512MB<br>1 Pentium D Processor /1GB<br>3 Core 2 Duo/1GB |
| Departments | 29 | 6 Intel i3/4GB/500<br>16 Core 2Duo/1GB/<br>7 Pentium IV/512/ |
| Laptops | 20 | 7 Sony i3/4GB<br>8 Tushipa i3/4GB<br>2 Deu Core 2 Duo/2GB<br>1 Sony AMP/1GB<br>1 Hp i3/4GB<br>1 Lenovo/4GB |
| Library | 9 | Pentium D 2.66 GHz |
| INFLIBNET | 6 | Pentium D 2.66 GHz |
| Men's Hostel | 11 | 10 Core 2 Duo/1GB/<br>1 Pentium IV/512/ |
| Women's Hostel | 1 | Core 2 Duo/1GB/ |
| Extension Departments<br>    ARISE<br>    ACPR<br>    Mentor Care<br>    CCRG<br>    Xerox | 14 | 3 Core i3/2GB/500<br>6 Core 2 Duo/1GB/160<br>5 Pentium IV/512/40 |
| TOTAL | 313 | |

| | | |
|---|---|---|
| Computer - Student Ratio | : | 1 : 1 |
| Dedicated Computing Facility | : | No |
| LAN Facility | : | All the departments, library and administrative offices are connected to the internet by LAN. |

**Proprietary Software / Open Source Software:**

Windows 2003 Server Enterprise Edition

Windows 7

Windows XP

MS Office Professional Plus 2010

MS Visual Studio Pro 2010

Fedora Server

C, C++, JAVA

### 4.3.3 What are the Institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

- The college periodically fulfils the necessary computer facilities for staff and students.
- To facilitate the Departments in preparing e-learning materials laptops have been provided.
- Steps are being taken to provide ICT enabled class rooms to all the Departments. At present seven Departments have ICT enabled classrooms along with six LCD fitted common halls.
- Service engineers have been appointed to maintain ICT and related facilities.
- Necessary backup uninterrupted power supply units have been provided to the computer laboratories.
- The college is planning to create an e-content preparation facility.
- Smart class room facility will be made available in each academic block.
- Upgrading internet bandwidth

### 4.3.4 Give details on access to online teaching and learning resources and other knowledge, and information provided to the staff and students for quality teaching, learning and research.

- E-resources maintained by the library.
- Internet facility provided to all the departments.

**4.3.5** **Give details on the ICT enabled classrooms / learning spaces available within the College and how they are utilised for enhancing the quality of teaching and learning.**

| ICT enabled Class Room/ Learning Spaces | Room No | Area in sq. ft |
|---|---|---|
| Audio-Visual room | | 1258 |
| Mother Teresa Hall | | 1440 |
| Fr. Prince Hall | | 867 |
| Arrupe Block Seminar Hall | | 1150 |
| Chemistry | 216 | 512 |
| Physics | 225 | 1258 |
| Philosophy | 215 | 336 |
| Economics | 518 | 575 |
| RDS | 527 | 1173 |
| MCA | 540 | 577 |
| History | AV Room | 569 |
| Computer Lab | | 577 |
| Language Lab | | 1297 |

The above facilities are optimally used by the departments for enhancing the quality of teaching and learning.

**4.3.6** **How are the faculty facilitated to prepare computer-aided teaching-learning materials? What are the facilities available in the College or affiliating University for such initiatives?**

The Departments have been provided with desktops, laptops and internet connectivity facilitating the preparation of computer-aided teaching-learning materials.

Faculty workshops have been conducted for giving training to the staff members in e-content creation.

The Department of Computer Science organised a Workshop on "E-Content Development" on 9th March, 2012.

**4.3.7** **How are the computers and their accessories maintained? (AMC etc)**

The college has appointed two System Engineers for the maintenance of computers and their accessories. Regular maintenance of computer systems is carried out. Maintenance register for the completed work and annual stock taking is maintained.

The backup power supply units for computer laboratories are under AMCs.

**4.3.8** **Does the College avail of the National Knowledge Network connectivity directly or through the affiliating University? If so, what are the services availed of?**

A 10 Mbps NMEICT (National Mission on Education through Information and Technology) line from BSNL is available for connection to Madurai Kamaraj University Knowledge Network. The services are yet to be availed as the installation of necessary facilities at Madurai Kamaraj University is under progress.

**4.3.9 Provide details on the provision made in the annual budget for update, deployment and maintenance of the computers in the College?**

In the last four year period new computers have been bought, the existing systems have been updated and necessary infrastructure has been created for the laboratories.

Annual expenses for software licenses (Average)    : Rs.   92,053
Average Annual Maintenance Charges for UPS       : Rs.   90,498
Average Annual internet Charges                          : Rs. 3,64,702
Total Expenses incurred for computer maintenance
in the last four year period is                              : Rs. 7,43,387

**4.4    MAINTENANCE OF CAMPUS FACILITIES**

**4.4.1   Does the College have an estate office / designated officer for overseeing maintenance of buildings, class rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.**

Yes.

The college treasurer as the Estate Officer oversees the maintenance of buildings, classrooms and laboratories.  At the end of the academic year, the departments submit a report on the maintenance work to be carried out in their departments by the Treasurer.

Campus Specific Initiatives carried out

- Annual painting and white washing of buildings.
- Carpentry work.
- Furniture maintenance.
- Electrical wiring and appliances maintenance.
- Maintenance of roads, garden and lawns for good ambience.
- Granite flooring of main building.

**4.4.2   Does the College appoint staff for maintenance and repair? If not, how are the infrastructure facilities, services and equipment maintained? Give details.**

The College has a full–fledged carpentry section for the maintenance of furniture and wood works. Maintenance of electrical and electronic equipment is carried out by the electrical maintenance section.

Any additional information regarding infrastructure and learning resources, which the institution would like to include.

- Universal Prayer House.
- A Kiosk for conducting short informal meetings.
- Parking sheds for two and four wheelers separately for students and staff.
- Water Tank with two lakh litre capacity.
- Use of playgrounds for conducting rural sports meet.

# CRITERION - V

## STUDENT SUPPORT AND PROGRESSION

### 5.1    STUDENT MENTORING AND SUPPORT

The College has a well-structured system for student support and mentoring. The student support services are handled by officials who coordinate their activities in consultation with the Principal. Faculty are mentors for the students.

### 5.1.1    System for student support and mentoring - Structural and Functional characteristics

## COLLEGE STUDENT SUPPORT SYSTEM
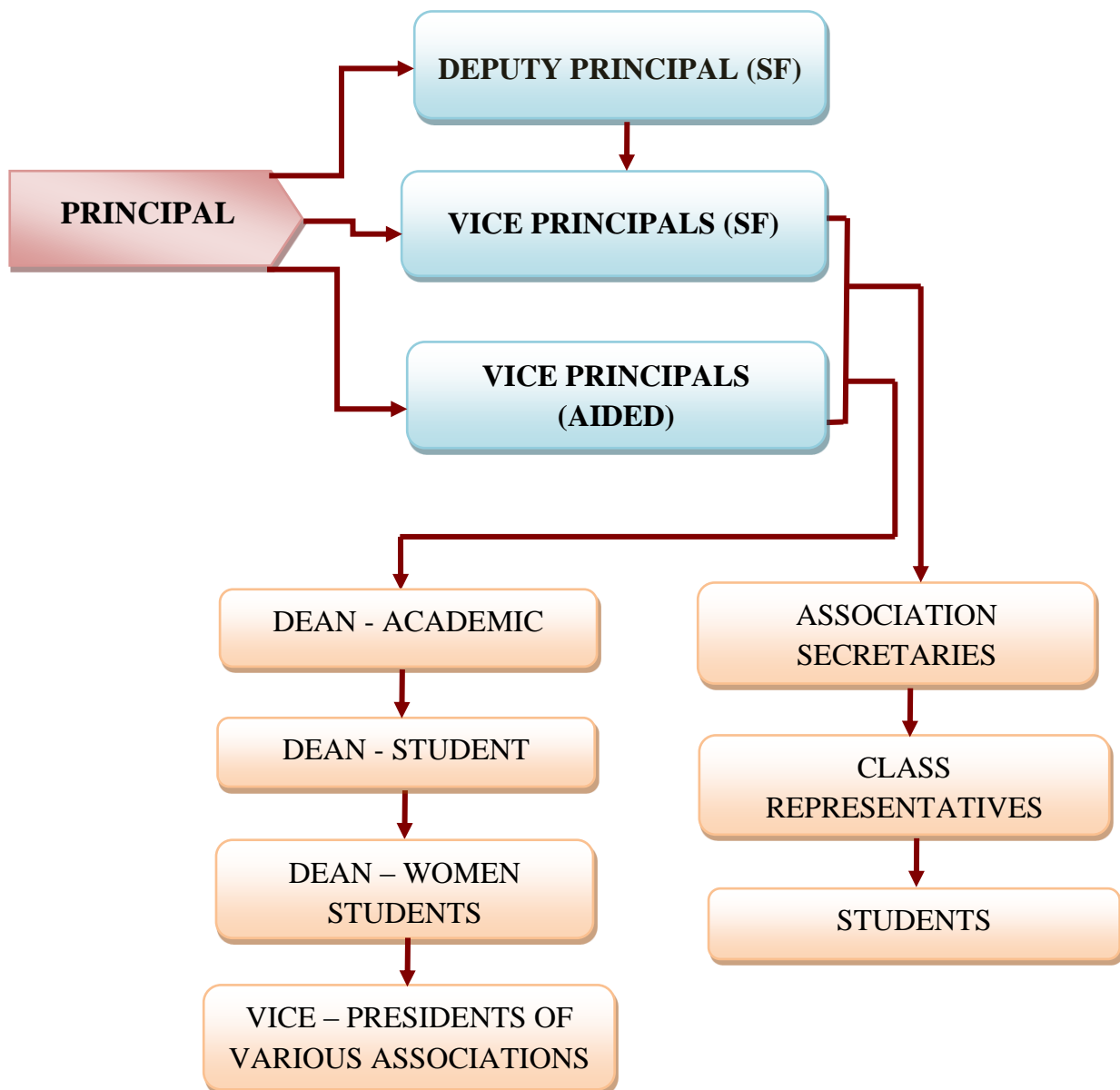
The student-support functions of the Officials are:

**Vice-Principals- Shift –I and II**
- Organise orientation programme for the freshers
- Monitor the attendance of students
- Sign Railway/bus concession forms, leave and Other Duty letters of students
- Organise parent-teacher meetings
- Recommend students for financial aid from the College management

**Dean-Students**
- Conducts the elections to various associations and student representatives
- Coordinates and monitors all the Part V programmes
- Conducts cultural activities like Campus Fest, Theatre Fest and Saral
- Organises and conducts leadership training programme for the elected-representatives of the students
- Monitors the participation of the students in Inter- Collegiate cultural programmes
- Coordinates the remedial programmes and mid-day meal programmes
- Dean-Women students coordinate the women students by attending to women-specific problems

**Student Support Services for Hostellers**

The Jesuit Vice-Principal acts as the Director of Hostels. There is a religious Sister functioning as the Co-Director of the women's hostel. The Director and the Co-Director of the Hostels are ably supported by resident Assistant Directors who are the faculty in various departments. The Assistant Directors monitor the academic and personal aspects of the inmates and provide necessary academic guidance and counselling. The hostellers are given opportunities to develop their skills through cultural, sports, liturgy and mess committee activities.

**Student Mentoring**

Extensive support systems have been put in place to provide mentoring to the students.

The college has a mentor care programme for the holistic development of students. The programme envisages mentoring of the students in academic, financial and psychological aspects. At the department level each faculty member is assigned 20-25 students. The mentor periodically meets the students and analyses the problems faced by him/her in academic, financial and psychological aspects. Those with financial problems are referred to the Principal for necessary assistance. Students with psychological problems are asked to meet professional/trained psychologists for counselling. The counsellor maintains a record of the meeting in the prescribed format. The following table gives the number of student beneficiaries of the counselling programme.

| Year | Number of Students Counselled | | Total |
|---|---|---|---|
| | Boys | Girls | |
| 2008-09 | 145 | 45 | 190 |
| 2009-10 | 160 | 52 | 212 |
| 2010-11 | 187 | 73 | 260 |
| 2011-12 | 204 | 95 | 299 |
| 2012-13 | 210 | 103 | 313 |
| Total | 906 | 368 | 1274 |

**Parent-Teacher Meet**

The Vice-Principals organise parent-teacher meeting once in a year. The parents meet the faculty members to enquire about their ward's performance in the examination and attendance.

**5.1.2  Provisions for academic mentoring apart from class room work**

The Department maintains a record of the academic profile of every student. Slow learners are given remedial coaching, revision tests and guided writing sessions for improving their performance. Average and above average students are given additional tasks like paper presentations, seminar with power points and participation in inter-collegiate competitions. Seminars and guest lectures arranged by the Departments also help the students get motivated for studies.

**5.1.3  Personal enhancement and development schemes for students –Describe techniques employed**

The College provides the students with a wide range of personal enhancement and development schemes.

**Personality Development Programmes:**

The College offers a one semester course on Personality Development in the first semester under Part IV Foundation Courses.

The elected student leaders are given leadership training programmes to make them better leaders.

**Student Leadership Programmes Organised**

| Year | Programme | Resource Person |
|---|---|---|
| 2008-2009 | Leadership Training | Mr.S.Gunasekara Pandian<br>Fr. Vincent Paul Raj<br>Ms.J.Jeyanthi, Faculty,<br>Arul Anandar College |
| 2009-2010 | Leadership Training and Capacity Building (Phase-1) | Fr.Jeyabalan, Faculty,<br>Arul Anandar College |
| | Leadership Training and Capacity Building (Phase-2) | Dr.Gabriel, Assistant Prof. in Social Work, Periyar Maniammai University, Tanjavur |
| 2010-2011 | Leadership Training and Capacity Building | Mr.S.Gunasekara  Pandian<br>Dr.S.V.Antoni<br>Dr.I.Devenan<br>Faculty, Arul Anandar College |
| 2011-2012 and 2012-2013 | Workshop on Leadership Skills | Dr.G.James, HR Manager<br>RAPID CARE Training Division<br>Chennai |

**Career Guidance:** Youth Development and Career Counselling Cell has been established by the college to provide personal and educational guidance for student development. The team provides motivation sessions, team building and leadership training to students. The activities of Youth Development and Career Counselling Cell include

- Class-wise motivation sessions for all freshers
- Personal guidance sessions for women students
- Motivation sessions for sports persons
- Confidence building sessions at NSS camps.
- Leadership and team building sessions for ROTARACTORS
- Soft skill, life and vocational training programmes to students

- Placement Cell organises a number of skill development programmes for the registered candidates.



- Entrepreneurial Development Cell has been constituted from the academic year 2012-13, to provide entrepreneurial skills to the students.
- The Department of English has made Communicative English as part of their curriculum to promote language skills.
- The Department of English conducts 'Speak Park'- a weekly programme, for all the students, where students are encouraged to speak in English on a given topic.
- To promote theatrical skills among the students, the Departments of English and Tamil conduct annual drama competitions "Theatre Fest' and 'Saral', respectively.



- Campus Fest- an interdepartmental cultural competition is conducted every year.
- The Department of English organised a one day seminar on "Soft Skills" on 18th September, 2008 for all the I and II year students. Prof. Jeeva, Trainer in Soft Skill Management, ICFAI, Dindigal, focussed on soft skills, personality development and communication skills.
- The Department of English also organised a programme on "Interview Techniques" for all the III Year students on 28th February, 2009.
- The Department of Business Administration conducted a program on Stress Management during 2011- 2012 and an orientation on Interview Techniques during 2012-2013

**Academic Counselling**: Academic counselling is done through mentor care programme.
**Life-orientation programmes**: A one semester course on Life issues and Coping Skills is offered in the fourth semester under Part IV Foundation Courses.

The Centre for Women's Studies conducts programmes specially for the women students.

- Gender Sensitisation Programme
- Legal awareness on various issues of women
- Life Skills
- Yoga Training for Physical and Mental health
- Women and reproductive health knowledge

**Awareness programmes:** To enrich the knowledge of the students on issues of national and global interest, the Department of Tamil organises a weekly talk programme 'BhudanVirundhu' (Wednesday Feast), by faculty members and students.

The academic and extension Departments conduct awareness programmes on important occasions like World Ozone Day, Hiroshima Day, etc.,

**Skill Development programmes**: The associations provide the students with a platform to develop their creative and organising skills through inter-departmental and inter-collegiate programmes.

**5.1.4 Does the College publish its updated prospectus and handbook annually? If yes, what are the activities / information included / provided to students through these documents? Is there a provision for online access?**

Yes.

The college publishes updated prospectus and handbook every year.

**Information included in the Prospectus**

- A brief history of the College
- Vision and Mission Statement
- Details of the courses offered
- Eligibility criteria
- Facilities available in the College
- Student support systems
- Model Application form

**Information included in the Handbook and Calendar**

- History of the college
- Vision and Mission Statement
- Details of administrative bodies and working committees
- Department-wise faculty details
- Rules and code of conduct for the students
- Academic calendar for the year including examination schedules
- Details of Choice Based Credit System
- Evaluation procedure
- Fee details
- Scholarship and endowments

**5.1.5** **Specify the type and number of scholarships / freeships given to students (UG/PG/M.Phil.,/Ph.D./Diploma/others in tabular form) by the College Management during the last four years. Indicate whether the financial aid was available on time.**

The college offers number of scholarships/ free ships to students and they are always given on time. (Management and other units)

| Scholarship | 2008 – 09 | | 2009-10 | | 2010-11 | | 2011-12 | | 2012-13 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | No | Amt. | No | Amt. | No | Amt. | No | Amt. | No | Amt. |
| Mess fees for poor hostellers | 13 | 30351 | 6 | 10161 | 1 | 2000 | 1 | 2800 | 4 | 6000 |
| Management Scholarship | 20 | 100785 | 22 | 81184 | 28 | 115976 | 28 | 72262 | 179 | 324857 |
| Scholarship for physically-challenged | 2 | 17800 | - | - | 7 | 28000 | 4 | 30000 | 2 | 9035 |
| Catholic student scholarship | 8 | 12200 | 22 | 33000 | 15 | 16000 | - | - | - | - |
| Scholarship from alumni association | 30 | 15000 | 31 | 15500 | 21 | 28000 | 26 | 50000 | 20 | 40000 |
| Scholarship from MUTA | - | - | - | - | - | - | 14 | 7000 | 14 | 7000 |

**5.1.6** **What percentage of students receives financial assistance from state government, central government and other national agencies? (e.g., Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)**

Scholarships provided by State and Central governments and number of beneficiaries

### Aided Courses

| Scholarship | 2008-09 | | 2009-10 | | 2010-11 | | 2011-12 | |
|---|---|---|---|---|---|---|---|---|
| | No | Amount | No | Amount | No | Amount | No | Amount |
| BC Scholarship | 453 | 6,24,911 | 284 | 6,10,725 | 393 | 5,65,958 | | |
| SC/ST Scholarship | 464 | 16,62,448 | 355 | 13,67,538 | 330 | 19,38,637 | 291 | 23,07,267 |
| SC/ST Higher Edu. Spl. Scholarship | 256 | 16,61,000 | 247 | 15,74,500 | 223 | 1,45,500 | 207 | 14,58,000 |
| Merit Scholarship | 2 | 8,000 | | | 7 | 1,920 | 1 | 960 |
| Stipend for SC / ST / Minorities (Under UGC XI Plan Merged Scheme) | | | | | 2 12 | 72,000 60,000 | 87 | 1,20,000 |
| Conveyance Allowance for SC/ST/Minorities (Under UGC XI Plan Merged Scheme) | | | | | 10 | 50,000 | 20 | 1,00,000 |
| TOTAL | | 39,56,359 | | 35,52,763 | | 28,34,015 | | 39,86,227 |

### Percentage of Students Receiving Scholarship (Aided)

| Year | Total Scholarship Amount (Rs.) | Number of Students | No of Students who received Scholarships | Percentage |
|---|---|---|---|---|
| 2008-09 | 39,56,359 | 980 | 917 | 94 |
| 2009-10 | 35,52,763 | 986 | 639 | 65 |
| 2010-11 | 28,34,015 | 942 | 723 | 77 |
| 2011-12 | 38,57,270 | 940 | 291 | 31 |

### Self-Financed Courses

| Scholarship | 2008-09 | | 2009-10 | | 2010-11 | | 2011-12 | |
|---|---|---|---|---|---|---|---|---|
| | No | Amount | No | Amount | No | Amount | No | Amount |
| BC Scholarship | | | | | | | | |
| SC/ST Scholarship | 248 | 81,83,379 | 112 | 3,52,893 | 191 | 8,69,924 | 234 | 14,46,207 |
| SC/ST Higher Edu. Spl. Scholarship | 140 | 9,15,500 | 148 | 9,51,500 | 142 | 9,07,500 | 171 | 11,40,000 |
| **Total** | | **90,98,879** | | **13,04,393** | | **17,77,424** | | **25,86,207** |

### Percentage of students receiving scholarship (Self-Financed)

| Year | Total scholarship amount (Rs.) | Number of students | No of students who received scholarships | Percentage |
|---|---|---|---|---|
| 2008-09 | 90,98,879 | 917 | 248 | 27 |
| 2009-10 | 13,04,393 | 960 | 112 | 12 |
| 2010-11 | 17,77,424 | 979 | 191 | 20 |
| 2011-12 | 25,86,207 | 1111 | 234 | 22 |

**5.1.7 Does the College have an International Student Cell to cater to the needs of foreign students? If so, what measures have been taken to attract foreign students?**

The College has no international students' cell.

**5.1.8 Type of support services available for**
**What types of support services are available for**

- Overseas students
- Physically challenged / differently abled students
- SC/ST, OBC and economically weaker sections
- Students to participate in various competitions/conferences in India and abroad
- Health centre, health insurance etc.

- Skill development (Spoken English, Computer Literacy, etc.,)
- Performance enhancement for slow learners / students who are at risk of failure and dropouts
- Exposure of students to other institutions of higher learning/ corporates/business houses, etc.
- Publication of student magazines

## Overseas Students

- The international students are facilitated to process their official formalities in connection with their immigration requirements
- The college responds to the queries from the police department appropriately to smoothen the process

## Physically Challenged / Differently-Abled Students

- Mobility of such students is supported with the provision of ramps in the newly constructed buildings
- Special rest room facilities have been provided in the college premises and also in the hostels

## SC/ST, OBC and Economically weaker Sections

- Priority in admission in the academic programmes is given to socially and economically weaker sections
- To ensure the above process, a faculty member representing the Dalit community is made member of the admission committee
- Gender equity is ensured through inducting a woman member in the admission committee
- Students who hail from economically weaker families are supported with fee concession, and also management scholarships
- Poor students are also provided with opportunities to have part-time employment in the college library to earn income

## Students to participate in various competitions/conferences in India and abroad

- Participation of students in Inter-Collegiate competitions is facilitated by the faculty in-charge of the respective unit.
- The student participants are prepared/trained by the faculty.
- The 'on other duty' formalities are processed through the Dean for Students and Vice-Principal for attendance.
- Travelling and other logistics are provided by the college as and when required.
- The Medals and Certificates won by the participants are displayed in front of the Principal's office for motivating the participants and also other students to involve in such programmes.
- To promote student participation in off-the-campus competitions and programmes the college has added the units like NSS, NCC, YRC, ROTARACT, Physical

Education, etc. into the regular academic programme under Part V. The above units successfully promote student participation in State - Level and National - Level competitions.

- Academic departments facilitate student participation in conferences organised by other colleges/institutions. They are also encouraged to share the knowledge with their fellow students as peer-learning process. This process motivates the students to involve in such programmes.

### Health Centre, Health Insurance

- The college maintains a health centre with qualified nursing services in order to meet the immediate medical needs of the students
- The college has round-the-clock vehicle service with residential drivers to take the cases to other hospitals at times of medical emergency.
- To protect and promote health of the hostel students, the hostel administration made arrangements to supply purified drinking water with RO system.
- The hostel students are also exposed to yoga training to have healthy lifestyle.
- All the students have been covered under group health insurance scheme with Oriental Health Insurance, Chennai.
- The following table provides the data relevant to the year-wise beneficiaries and the amount of insurance premium paid:

| Year | No. of Beneficiaries | Premium Paid (Rs.) |
|---------|---------------------|--------------------|
| 2008-09 | 384 | 13,417 |
| 2009-10 | 376 | 13,349 |
| 2010-11 | 323 | 11,254 |
| 2011-12 | 370 | 12,902 |
| 2012-13 | 374 | 13,123 |

### Skill Development

- Observing the need for computer skills among the students, the college introduced a two semester computer education as part of the curriculum for all the undergraduate programmes with credit allocation.
- The college also supports departments in offering subject-specific computer skills to the students with necessary laboratory and software infrastructure.
- The post-graduate programmes also have incorporated computer skills relevant to their discipline.
- Establishment of the free browsing centre for students on the campus helps in improving their learning skills.
- To improve soft skills, particularly in English Language Communication, the college has introduced a one semester Intensive Bridge Course in English for all the first year under graduate students. The Bridge Course carries One Credit in the CBCS.
- The college has assisted the Department of English to establish an English Language Laboratory (ELL) to improve the language skills of the students.

- As part of the curriculum, the students of various departments acquire necessary skills through on-campus and off-campus experiential learning process. For instance, the students of Business Administration and Information Technology enhance their technical skills through compulsory in-plant training programme. The Post Graduate students of RDS undergo a one - month Placement Training in Development Organisations and gain necessary administrative and organisational skills.
- The leadership skills of the elected student representatives are improved through leadership training programmes every year.
- The hostel students are given adequate skill-enrichment ambience. The hostel students are given opportunity to take part in any of the following skill training programmes like Car Driving, Repairing Electrical and Electronic Gadgets, Type-Writing and Leadership Skills during their leisure hours.

**Performance enhancement for slow learners / students who are at risk of failure and dropouts**
- The college facilitates all the faculty to organise remedial coaching to the slow learners.
- The performance level of the slow learners is communicated to the parents/guardians during the parent-teacher meeting so as to ensure multi-level monitoring and motivation.
- The Mentor Care programme instituted by the college also addresses the specific academic needs of the students.
- The attendance of the students is shown to the parents to prevent the long absentees from dropping out.
- Financial assistance is also given to those students who are on the verge of dropout due to financial constraints in their family.

**Exposure of students to other institutions of higher learning / corporate / business houses, etc.**
- Necessary logistical support is given to all the academic departments and extension units to establish linkage with other institutions.
- The academic departments depute the students to participate seminar / workshops / competitions, etc. organised by other institutions.
- The Department of History regularly expose the students to places of historic importance by arranging all India tour.
- The Department of Mathematics is arranging educational tours every year to take the students to the places of Mathematical interest.

  The students were taken to the following places during the assessment period.
  - ➢ The Kodaikanal Solar Observatory of Indian Institute of Astrophysics, Kodaikanal.
  - ➢ B. M. Birla Planetarium, Chennai, providing a virtual tour of the night sky and holding cosmic shows on a specially perforated hemispherical aluminium inner dome.

- Radio Astronomy Centre, Ooty, managed by National Centre for Radio Astrophysics and Tata Institute of Fundamental Research.
- Tamil Nadu Science and Technology Centre, Chennai.

- The Department of Physics gives exposure to the students on Nuclear Physics at the Nuclear Power Plant, Kalpakkam.
- The students of Chemistry are taken to the instrumentation centre at Madurai Kamaraj University and also to other industries in and around Madurai.
- The Department of Rural Development Science takes the students to Agricultural Research Station at Periyakulam to expose the students to recent developments.
- The Department of Rural Development Science also offers regular institutional training to students in reputed Non-Governmental Organisations.
- Departments of Business Administration and Information Technology arrange regular annual in-plant training in corporate business houses.

**Publication of Student Magazines**

- The selected articles and other contributions of the students are published through the annual college magazines.
- The creative talents of the hostel inmates are published in the in-house magazine

**5.1.9 Does the College provide guidance/coaching classes for civil services, Defence services, NET/SLET and any other competitive examinations? If yes, what is the outcome?**

Yes. In collaboration with Manithaneyam IAS Academy, Chennai, the college has started conducting IAS coaching classes for the students from 2010 – 2011. Training is in progress and the students are yet to face the examinations.

**5.1.10 Mention the policies of the College for enhancing student participation in sports and extracurricular activities through strategies such as *Additional academic support *Special dietary requirements, sports uniform and materials *Any other**

The college gives preference in admission to students with sports skills and other extracurricular activities.

**Support for sports persons**

Scheduled adjustments are done for participants in various sports activities. Free sports uniform and nutritious food are provided to the students.

**5.1.11 Does the College have an institutionalised mechanism for placement of its students? What services are provided to help students identify job opportunities, prepare themselves for interview and develop entrepreneurship skills?**

Yes.

The college has a Placement Cell to organise training and orientation programmes for the final year students for job placement.

The cell organises job-oriented training like soft skill development, training for competitive examinations and job awareness sessions. The cell also prepares the students who have registered for job placement by providing training in Interview Techniques and Group Discussion. The cell also arranges campus interviews by prospective employers to enable students get placement in reputed organisations.

Students are trained in the following areas:

- Logical Reasoning and Logical fallacies.
- General Mental Ability.
- Quantitative Aptitude.
- General awareness.
- Awareness Programme on 'Getting Government Jobs'.
- Soft Skills for MCA students.

**5.1.12 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus annually for the last four years**

**2008-09**

| S.No. | Companies | Students Placed |
|-------|-----------|-----------------|
| 1 | First Source Solution Limited, Bangaluru. | 27 |
| 2 | HCL Technologies Limited, Chennai. | 01 |
| 3 | India Gen Limited, Hyderabad. | 04 |
| 4 | DGK Dyeing Mills,Tirupur. | 08 |
| 5 | Micro Chemicals Co., Madurai. | 11 |
| 8 | Infosys, Chennai. | 03 |

**2010-11**

| S.No | Companies | Students Placed |
|------|-----------|-----------------|
| 1 | HDFC standard life, Madurai. | 20 |
| 2 | Suguna Poultry, Bangaluru. | 16 |
| 3 | Indian Association for Saving and Credit, Chennai. | 07 |
| 4 | Tamilnadu Petro Product Ltd., Chennai. | 04 |
| 5 | India Gen Limited, Dindigul. | 15 |
| 6 | Tata Johnson, Chennai. | 28 |
| 8 | Sriram life insurance, Madurai. | 03 |
| 9 | Cavincare, Madurai. | 10 |
| 10 | Aircel, Madurai. | 32 |
| 11 | LIC, Madurai. | 18 |

**2012-13**

| S.No | Companies | Students Placed |
|------|-----------|-----------------|
| 1 | Eureka Forbes, Chennai. | 13 |
| 2 | Career Net, Bangaluru. | 37 |
| 3 | Suguna Poultry, Madurai, | 80 |

**5.1.13 Does the College have a registered Alumni association? If yes, what are its activities and contributions to the development of the College?**

No.

The college has an unregistered Alumni Association. The activities and contributions of the association to the development of the college are:

- Providing financial assistance to the poor and needy students
- Arranging department-wise alumni meet
- Honouring retiring teaching and non-teaching staff of the college
- Assisting the management in mobilising resources from alumni and others for the development of the college.

**5.1.14 Does the College have a student grievance redressal cell? Give details of the nature of grievances reported and how they were redressed.**

Yes.

The college has Student's Grievance and Appeal Committee under the Chairmanship of Principal. The grievances received and actions taken on them are:

Provision for purified drinking water.

Gym facilities.

College bus timing and regularity (by contacting Transport Department).

College bus stop facilities.

Bicycle Parking shed for students

Bank facility on the campus.

**5.1.15 Does the College have a cell and mechanism to resolve issues of sexual harassment?**

Yes. Women's Grievance Cell for Prevention of Sexual Harassment has been constituted to resolve issues related to women.

**5.1.16 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?**

Yes, there is an anti-ragging committee under the Chairmanship of the Principal. Awareness created among the students against ragging through information display on the notice board and periodic announcement over the public address system. No instance of ragging has been reported so far.

**5.1.17 How does the College elicit the cooperation from all stakeholders to ensure overall development of the students considering the curricular and co-curricular activities, research, community orientation etc.?**

The college takes efforts to keep healthy relationship with the parents by involving them in matters related to their wards.

- During admissions, the parents are informed about the rules and regulations of the college.
- Parents are also invited to attend the freshers induction programme.

- Parent-Teacher meeting is organised once a year, in which the students' attendance and performance in their studies are discussed with the parents.
- The presence of the parent is insisted upon in any disciplinary proceedings against their ward.
- Any irregularity observed is immediately informed to the parent over phone and their cooperation is sought in solving the issue.
- Meetings of student representatives are arranged during college level programmes.
- Alumni meeting at regular intervals make them contribute to the college development and student welfare.
- Staff meeting is conducted periodically to brief the programmes of the college and the staff included in various committees to execute the programmes.
- Management committee meets periodically to review the progress of the planned programmes

### 5.1.18 What special schemes/mechanisms are in place to motivate students for participation in extracurricular activities such as sports, cultural events etc.?

The college motivates the students by providing ample opportunity to participate in sports and cultural events.

### Activities conducted within the college

- The Annual Sports Day gives the students an opportunity to participate in a variety of sports events.
- Students' skill and talent in karate and judo are displayed during the sports day.
- Inter-Departmental sports competitions are organised and a champion's trophy is presented to the winner.
- Sports has been made an option for study under Part V of the curriculum
- Annual State - Level Tournaments in Football and Hockey are organised to promote interest in sports.
- Students' participation in cultural events is promoted and ensured by organising a two day cultural extravaganza "Campus Fest".
- The Departments of Tamil and English conduct annual Inter-Departmental Drama Competition "Saral" and "Theatre Fest", respectively.
- The Centre for Women's Studies organises cultural competitions for the girl students on the occasion of the International Women's Day.
- For hostel students cultural competitions are conducted on the occasion of the Annual Hostel Day.

### Activities conducted outside the College

- The departments encourage the students to participate in inter-collegiate competitions and cultural events.

- Students organise cultural events during the Republic and the Independence Day celebrations in the nearby villages.
- Street Plays are performed by students to take issues of importance to the community.

**Recognition given to the winners**
- The winners' names are displayed on the College notice board with a note of appreciation.
- Prizes and certificates are given to the winners.
- The trophies and certificates won by the student participants are displayed in front of the Principal's Office for others to see and appreciate.
- The Principal gives his appreciation, blessings and wishes to the victorious students through the public address system during break time.

**5.1.19 How does the College ensure participation of women in 'intra' and 'inter' institutional sports competitions and cultural activities? Provide details of sports and cultural activities in which such efforts are made?**

Dean-Women Students, Fine Arts Association and Centre for Women's Studies coordinate to ensure the participation of women in competitions and cultural events. The women students are provided opportunities to participate in college sports day, university, district and state level sports and cultural events.

**Highlights of Participation of women in competitions and sports**
- Ms.K.Priyanka (10PE3516), B.Sc., Physical Education, won the II prize in the Sports Development Authority of Tamil Nadu, Madurai District-Level Competition in High Jump on 21-8-2011.
- Ms.K.Revathi (10PE3518), B.Sc., Physical Education, won the II prize in the Sports Development Authority of Tamil Nadu, Madurai District-Level Competition in Running 3000 mts. on 21-8-2011.
- Ms.M.Surya (10PE3524), B.Sc., Physical Education, won the II prize in the Sports Development Authority of Tamil Nadu, Madurai District-Level Competition in Running 5000 mts. on 24-8-2011.
- Women Students of B.Sc., Physical Education participated in the Inter-Collegiate Football and Handball tournaments conducted by Madurai Kamaraj University, 2011-12.

**Participation of Women in cultural events**
Women students participate in various cultural competitions during the college cultural show "Campus Fest".
The Centre for Women's Studies organises cultural events during the Women's Day when women students participate and exhibit their talents.

## 5.2 STUDENT PROGRESSION

### 5.2.1 Provide details of programme-wise success rate of the College for the last four years. How does the College compare itself with the performance of other autonomous Colleges / universities (if available?)

Programme-wise success rate – Under Graduate Courses (Both Aided and Self-Financed)

| Programme | 2005-08 | 2006-09 | 2007-10 | 2008-11 | 2009-12 | 2010-13 |
|---|---|---|---|---|---|---|
| B.A., Economics | 69.23 | 87.18 | 52.73 | 79.07 | 67.50 | 52.8 |
| B.A., History | 88.37 | 76.32 | 50.00 | 80.43 | 72.10 | 42.9 |
| B.A., Philosophy | 100 | 100 | 100 | 100 | 96.67 | 100 |
| B.Sc., Mathematics | 83.33 | 63.27 | 94.87 | 94.00 | 78.00 | 90.7 |
| B.Sc., Chemistry | 56.00 | 71.43 | 58.33 | 70.27 | 64.29 | 63.8 |
| B.Sc., Physics | 88.30 | 80.00 | 83.33 | 86.67 | 89.48 | 70.3 |
| B.Sc.,RDS | 85.11 | 87.18 | 61.90 | 91.11 | 63.83 | 41.8 |
| B.Com. | 85.71 | 79.63 | 59.68 | 80.95 | 82.90 | 63 |
| B.B.A. | 91.67 | 78.43 | 77.42 | 91.80 | 84.62 | 66.1 |
| B.Sc., IT & M | 91.11 | 91.80 | 93.75 | 94.52 | 85.72 | 75 |
| B.Sc., Mathematics(SF) | 92.31 | 75.00 | 76.00 | 70.00 | 80.96 | 66.7 |
| B.Sc., Physical Education | 92.59 | 72.73 | 85.00 | 91.67 | 58.07 | 79.4 |
| M.C.A | 100 | 91.18 | 92.31 | 100 | 100 | 84.2 |

Programme-wise success Rate – Post Graduate Courses (Both Aided and Self-Financed)

| Programme | 2006-08 | 2007-09 | 2008-10 | 2009-11 | 2010-12 | 2011-13 |
|---|---|---|---|---|---|---|
| M.A., Economics | 93.33 | 100 | 72.73 | 87.50 | 60 | 57.1 |
| M.A., Philosophy | 50 | 100 | 84.62 | 100 | 100 | 80 |
| M.Sc., RDS | 100 | 93.75 | 28.57 | 0 | 27.28 | 60 |
| M.Sc., Mathematics | 77.78 | 80 | 66.67 | 93.33 | 70.37 | 64.7 |
| M.Sc., Physics | 55.56 | 50 | --- | --- | --- | 88.9 |
| M.Sc., Applied Psychology | 100 | 100 | --- | --- | --- | --- |
| M.Com. | 100 | 100 | --- | --- | --- | --- |
| | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | |
| M.Phil., Economics | 100 | 77.27 | 100 | 100 | 100 | |
| PGDCA | --- | 77.78 | 85.71 | --- | --- | |

**5.2.2 Provide the percentage of students progressing to higher education or employment (for the last four batches) highlight the observed trends.**

| Student Progression | in Percentage | | | |
|---|---|---|---|---|
| | 2008-09 | 2009-10 | 2010-11 | 2011-12 |
| UG to PG | 17 | 18 | 19 | 24 |
| PG to M.Phil., | 5 | 6 | 8 | 5 |
| PG to Ph.D. | 0.3 | 0.5 | 0.3 | 0.2 |
| Employed Campus selection | 11 | 0 | 8 | 7 |
| Other than campus recruitment | 2 | 2 | 3 | 2 |

**5.2.3 What is the programme-wise completion rate / dropout rate within the time span as stipulated by the College / University?**

| Programme | 2009-2012 | | 2010-2013 | |
|---|---|---|---|---|
| | Completion rate (%) | Dropout rate (%) | Completion rate (%) | Dropout rate (%) |
| B.A., History | 79 | 21 | 70 | 30 |
| B.A., Economics | 80 | 20 | 77 | 23 |
| B.A., Philosophy | 97 | 3 | 93 | 7 |
| B.Sc., Mathematics | 92 | 8 | 93 | 7 |
| B.Sc., Physics | 95 | 5 | 86 | 14 |
| B.Sc., Chemistry | 78 | 22 | 96 | 4 |
| B.Sc., RDS | 90 | 10 | 83 | 17 |
| B.B.A. | 81 | 19 | 78 | 22 |
| B.Sc., Mathematics(SF) | 78 | 22 | 86 | 14 |
| B.Sc., Phy. Education | 86 | 14 | 85 | 15 |
| B.Sc., IT & M | 74 | 26 | 83 | 17 |
| B.Com. | 84 | 16 | 94 | 6 |
| M.C.A. | 40 | 60 | 90 | 10 |

| Programme | 2010-2012 | | 2011-2013 | |
|---|---|---|---|---|
| | Completion rate (%) | Dropout rate (%) | Completion rate (%) | Dropout rate (%) |
| M.A., Economics | 75 | 25 | 84 | 16 |
| M.A., Philosophy | 67 | 33 | 62 | 38 |
| M.Sc., RDS | 82 | 18 | 100 | 0 |
| M.Sc., Mathematics | 96 | 4 | 89 | 11 |
| M.Sc., Physics | --- | --- | 90 | 10 |

**5.2.4 What is the number and percentage of students who appeared / qualified in examinations likeUGC-CSIR-NET,UGC-NET,SLET, GATE/CAT/GRE/TOEFL/GMAT/Central/State services, Defence, Civil Services etc.**

In 2012, five students of II M.Sc. Physics have appeared for NET/SLET examination and one has passed out in SLET.

**5.2.5    Provide details regarding the number of Ph.D./D.Sc./D.Litt. theses submitted, accepted, resubmitted and rejected in the last four years.**

The following table gives data related to the number of Ph.D. theses submitted and accepted for award by the Department of Economics.

| Number of Ph.D. Theses | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 |
|---|---|---|---|---|---|
| Submitted | 1 | 1 | 4 | 2 | 9 |
| Awarded | 10 | 1 | … | 5 | 6 |
| Re-submitted | Nil | | | | |
| Rejected | Nil | | | | |

**5.3    STUDENT PARTICIPATION AND ACTIVITIES**

**5.3.1    List the range of sports and games, cultural and extracurricular activities available to students. Provide details of participation and program calendar.**

**Range of Sports and Games**

- Football, hockey, basketball, volleyball and cricket are the major games palyed. Minor games include kabaddi, handball, kho-kho and ball badminton.
- Indoor games like chess, table tennis, badminton (shuttle), and weight lifting are also played by the students.
- Stadium with multi-gym facilities and 8 lane track meeting International standards for track and field events is also available. Students actively participate in various sports events at the University, District, State and National levels.
- Intra-mural sports and games are organised by the Physical Education Department to promote healthy competition among the students.
- Under Part V of the curriculum, NCC, NSS, Sports, Youth Red Cross, ROTARACT are available.

**Cultural Activities**

- Intra-mural cultural activity, Campus Fest, is conducted every year.
- The Department of English organises "Theatre Fest" in which all the Departments perform plays in English.
- The Department of Tamil organises Tamil Drama Festival SARAL every year.
- All the scheduled events are provided in the college calendar.

**5.3.2 Provide details of the previous four years regarding the achievements of students in co-curricular, extracurricular activities and cultural activities at different levels. University / State / Zonal / National / International, etc.**

**Achievements of our students in competitions outside the College**

| Year | Competition Details | Organised by | Prizes Won |
|---|---|---|---|
| **2008 - 2009** | Oratorical competition | Tamil University, Tanjavur. | Cash Prize Rs. 10,000 |
| | State Level Proficiency Test in English | Shakespeare Institute of English Studies, Chennai | 9$^{th}$ position |
| | Resonance-2009, Inter-Collegiate Chemistry Competitions | Gandhigram Rural Institute, Gandhigram. | 4 prizes |
| | Inter-Collegiate Paper presentation in Physics | VHNSN College, Virudhunagar. | 2$^{nd}$ prize |
| | Inter-Collegiate Competitions Ad Act | VHNSN College, Virudhunagar. | 2$^{nd}$ prize |
| | District RYLA Programme | ROTARACT, Kodaikanal. | Best Performance Award |
| | Inter-Collegiate IT Meet | Mannar Thirumalai Naicker College, Madurai. | 2$^{nd}$ prize for Ad Act and paper presentation |
| | Inter-Collegiate Management Meet | St. Xavier's College, Palayamkottai. | 2$^{nd}$ prize for Ad Act and 3$^{rd}$ prize for flip-flop |
| **2009-2010** | State - Level Inter-Collegiate Quiz (De Britto Rolling Cup) | Department of History, Arul Anandar College | 1$^{st}$ prize |
| | Resonance- Inter-Collegiate Chemistry Competition -Ad-Act Paper Presentation | Gandhigram Rural Institute, Gandhigram. | 2$^{nd}$ prize (Ad Act) & special prize |
| | Inter-Collegiate Paper presentation in Chemistry | VHNSN College, Virudhunagar. | 2$^{nd}$ prize |
| | Inter-Collegiate Paper Presentation in Physics | Thiagarajar College, Madurai. | 1$^{st}$ prize |
| | Inter-Collegiate Physics Competitions | Jayaraj Annapackiam College for Women, Periyakulam. | Overall shield |
| | Inter-Collegiate Physics Competitions | Gandhigram Rural Institute, Gandhigram. | Overall Shield |
| | Inter-Collegiate Physics Competitions | ANJA College, Sivakasi. | Overall Shield |
| | Madurai Regional Level Cultural Festival "Attam Pattam Kondattam" | Mangaiyar Malar (Tamil Monthly) and Cinthol | Overall 2$^{nd}$ Prize |

| | | | |
|---|---|---|---|
| | Inter-Collegiate Dance Festival | Human Rights Organisation, Madurai. | 3rd prize |
| | Inter-Collegiate Cultural Meet | Upahar, Madurai. | Overall Shield |
| | RALETIA-2010. Inter-Collegiate Cultural Meet | Agricultural College, Madurai. | 8 prizes |
| | VAIGAI-2010 Cultural Competitions | Yadhava College, Madurai. | 7 prizes |
| **2010-2011** | Inter-Collegiate Chemistry Meet | VHNSN College, Virudhunagar. | 2 Prizes |
| | Inter-Collegiate Chemistry Meet | HKRH College, Uthamapalayam. | 2 Prizes |
| | Chemistry Paper Presentation in State Level Students' Seminar | Thiagarajar College, Madurai. | 1st Prize |
| **2011-2012** | A.V.Tilak Inter-Collegiate Quiz Programme | Fatima College, Madurai. | 1st Prize |
| | SPRINGS-2011. Cultural Festival (Mehendi and Art from Waste) | Fatima College, Madurai. | 2 prizes |
| | TALK YOUR WAY TO JAPAN | ABK-AOTS Dosakai Ltd, Madurai. | Fourth Place |
| | Radio Jockey Hunt | Radio Mirchi | One student Selected as RJ |
| | Radio Jockey Hunt | Dindigal Pasumai FM 90.4 | One student selected as RJ |
| | MuthamilVizha | Nadar Saraswathi College, Theni. | Overall Shield |
| | Paper Presentation in the National seminar on "Marketing Masterminds". | Ananda College, Devakottai. | First Prize |
| | Paper Presentation in the National Seminar on "Organised retailing" | Fatima College, Madurai. | 2nd Prize |

## Participation in Republic Day Camps/parades

Cdt.D. Madeline Bapestha (07RD1612), attended the Republic Day Camp (2009) in New Delhi and had the privilege to take part in the Republic Day treat with the President of India in Rashtrapathi Bhavan, New Delhi.

## Participation in Youth Parliament

Mr.Leonald Christ Raj (09IT3316), participated in the Tenth National - Level Youth Parliament Final Competition among Indian Universities as a member of the Madurai Kamaraj University Team on 4-8-2011.

**NSS - Best Volunteer Awards**

| S.No | Name | Roll No | Department | Name of the Award | Year |
|------|------|---------|------------|-------------------|------|
| 1 | Ms.Sumithra M | 07BA3264 | Business Administration | University-Level Best Volunteer Award | 2008 – 09 |
| 2 | Mr.Satheesh Kumar D | 07CM3154 | Commerce | State-Level Best Volunteer Award | 2008 – 09 |
| 3 | Mr.Joshva T | 08IT3329 | Information Technology | State-Level Best Volunteer Award | 2009 – 10 |
| 4 | Ms.Angel Gracius D | 08EC1101 | Economics | State-Level Best Volunteer Award | 2009 – 10 |
| 5 | Mr.Ananda Kumar | 09HIS1256 | History | University-Level Best Volunteer Award | 2011 – 12 |

**5.3.3 How often does the College collect feedback from students for improving the support services? How is the feedback used?**

The feedback is obtained annually from student representatives in the Planning and Evaluation Committee. The feedback obtained is analysed and in consultation with Principal necessary corrective measures are taken.

**5.3.4 Does the College have a mechanism to seek and use data and feedback from its graduates and employers, to improve the growth and development of the College?**

Yes. The College collects feedback from the graduates during alumni meeting. The alumni share their experiences and also give suggestions for the growth and development of the College. The employers give suggestions on the basis of our students' performance in the interviews for improving the curriculum and also the skill set needed by the students. The departments make necessary changes in the curriculum accordingly.

**5.3.5 How does the College involve and encourage students to publish materials like catalogues, wall magazines, and other material? List the major publications / materials brought out by the students during the previous academic session.**

**College Magazine**

The students are encouraged to contribute their poems, essays, stories and drawings to the magazine

**Environment Awareness**

The first year undergraduate students have a paper on Environmental Studies in their curriculum. The students prepare posters, photo collections, models and charts related to environmental themes. The materials prepared are exhibited for the benefit of the student community. They are used by the extension services to display in the villages.

**Posters prepared for commemoration days**

Students prepare posters, wall hangings, photo collections on days of National importance.

**Videos produced by the History Department**

The Department of History has included video production as an option in their curriculum. With the assistance of videography experts, the students of History Department have scripted and produced videos on socially relevant themes. The following videos have been produced in the last four years.

| Year | Name of Video | Theme |
|------|---------------|-------|
| 2008-2009 | Uyirin Oli | On Organ donation |
| 2009-2010 | Nenju Porukkuthillaye (Something Unbearable) | On the problem of protection to the aged people |
| 2010-2011 | Gramathu Puyale (Village storm) | On lady cremator |
| 2011-2012 | Uthirum Mottugal (Withering buds) | On the evil of child marriage |
| 2012 - 2013 | Vazhi Thavariya Paravai | On the evil of smoking |

**Words Worth**

'An English word a day' is presented by the students, under the guidance of the Department of English, the meaning and the usage of an English word are written everyday for the benefit of the students.

**5.3.6 Does the College have a Student Council or any similar body? Give details on its constitution, major activities and funding.**

No, the college has no student Council.

Student Secretaries are elected for various Associations. They take care of all student needs, represent them to the authorities concerned and get them redressed. They assist in maintaining discipline and organise all the cultural and sports meet of the College and organise the Teacher's day every year. They work as excellent facilitators of the student community.

**5.3.7 Give details of various academic and administrative bodies that have student representatives on them. Provide details of their activities.**

The student representatives are members of the Planning and Evaluation Committee, IQAC and Magazine Committee. The students participate in all the meetings, give suggestions, voice their needs and assist in organising the meetings. Student representatives of various associations help in arranging meetings and also assist the faculty in maintaining discipline during meetings.

# GOVERNANCE, LEADERSHIP AND MANAGEMENT

## 6.1  INSTITUTIONAL VISION AND LEADERSHIP

The Corporate Policy of the Jesuit Higher Education in Madurai Province has its vision of "**integral formation by promoting a humanistic society in which men and women would become agents of social change working for the establishment of a just society with a focus on the excluded and the marginalised dalits**".

**Institutional Vision/Mission:** Integrated Development of Rural Students and empowering them for Social Transformation with the following mission:

a.  To provide facilities for academic excellence, training in soft skills and job placement
b.  To enable students to be agents of social transformation by imparting skills in research and social analysis, and
c.  To build Arul Anandar College into a policy advocacy centre.

This Jesuit vision of higher education is clearly reflected in the mission of Arul Anandar College, which aims at societal transformation by providing quality education to the socially and economically disadvantaged communities.

### 6.1.1  State the Vision and Mission of the College

**Vision**

- Integrated Development of Rural Students and empowering them for Social Transformation.

**Mission**

- To provide facilities for academic excellence, training in soft and professional skills and job placement.
- To enable students to become agents of social transformation by imparting skills in research and social analysis.
- To build Arul Anandar College into a policy advocacy centre.

### 6.1.2  Does the mission statement define the College's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, College's tradition and value orientations, vision for the future, etc., ?

Yes.

The distinctive character of the college is its commitment for empowering rural men and women. This commitment towards the community is reflected in its academic programmes which aim at achieving excellence by upholding moral and spiritual values and social justice. A number of job-oriented courses like RDS, IT&M, innovative curriculum (Food Science and Technology), committed faculty

and a proactive management go towards achieving this mission of making the students agents of social transformation. The extension programmes, RADAR, ARISE, VETEX and especially ACPR aim at building Arul Anandar College into a policy advocacy centre.

## Addressing the needs of the Society

The College was established in a most backward rural area with the specific purpose of uplifting the poor by addressing the educational needs of the first-generation learners belonging to scheduled castes/tribes and MBC (Most Backward Community) students who form the majority of the student population. The region is also known for female infanticide. Understanding the need to address the problem of female infanticide, Arul Anandar College opened its doors for women by admitting them, to an extent of 30%, in all the UG courses. Arul Anandar College is the first Jesuit institution in Tamil Nadu to admit girl students in to UG courses. Thus, this institution, through holistic quality education, empowers men and women to be socially conscious, committed and nationally concerned. The Centre for Women's Studies is another endeavour by the College to address the problems of women through awareness and educational programmes.

## Service to Students

The students admitted to various courses in Arul Anandar College mostly come from rural schools having Tamil as the medium of instruction and from disadvantaged sections of the Society. The parents are mostly agricultural labourers and coolies and are not-much-educated. The college provides with education to students coming from such families irrespective of their religion, caste, creed and community. The college provides good hostel facilities for boys and girls coming from interior villages of Madurai and the neighbouring districts of South Tamil Nadu and other states. Students who hail from economically poor families are financially supported through various Government and Management scholarships. Management and Endowment scholarships are also provided to poor students who are not covered by government scholarships on the basis of the merit.

## Value orientations

*The motto of the college is 'Work, Justice and Love'.*

The college professes a philosophy of hard work coupled with a passion for truth and justice in all their aspects and love for all. These values are reflected in all its academic and extension programmes serving the community with sensitivity and commitment. Value orientation among the students is sustained through incorporating value components in the content of Foundation Courses.

## Vision for the future

Conscious of the learning capability of the rural students the college strives to offer programmes that provide necessary skills to compete nationally and internationally. By upgrading the infrastructure, introducing need based new programmes, promoting community-oriented research and human resources, the college strives to become a National Centre for Rural Development.

**6.1.3 How is the leadership involved in * Ensuring the organisation's management system development, implementation and continuous improvement *Interaction with stakeholders *Reinforcing culture of excellence *Identifying needs and championing organisational development (OD)?**

The Organisational Development in the College involves:

- Master Plan where long term planning is done with future vision.
- Providing opportunities for each member to develop to his/her full potential.
- Increasing the effectiveness of the institution in terms of all of its goals.
- Creating an environment in which it is possible to undertake exciting and challenging work.
- Providing opportunities for people in the institution to influence the way in which they relate to work, the organization, and the environment.

The leadership is evolved by assigning responsibilities to members of the Management, faculty members and students in a participatory management practice. Assigning responsibilities to faculty members and students help realise their true potential thus ultimately benefiting the College in its quest for excellence.

**Implementation and Improvement**

In the participatory management system, the decisions taken for academic and administrative reforms are always by consensus. Various committees like Admission Committee, Planning and Evaluation Committee, Examination and Awards Committee, etc., help the Principal and the management in implementing the decisions. The faculty members are given responsibilities in an environment that promotes commitment and excellence.

**Interaction with stakeholders**

Parent-teacher meeting is held for I year, II year and III year students separately every year. These meetings create a bond between the institution and the stakeholders. Similarly, the alumni meet facilitates the sharing of information for improving College infrastructure and academic environment. Extension programmes constitute yet another mode of interaction with the community to which the College has a vowed commitment.

**Reinforcing a culture of Excellence**

Faculty development programmes are the regular feature of the college. In the beginning of every academic year faculty development programmes are conducted on topics like teaching-learning pedagogy, class room management and research. The newly appointed faculty are given an orientation on the vision and values of the college.

The organisation and all the college programmes are analysed and the deficiencies are documented for corrective measures. The IQAC has developed a structured questionnaire for assessing the performance of the faculty and officials. The academic programmes are evaluated by getting feedback from the stakeholders. Faculty evaluation by students and peers and management evaluation by faculty help reinforce a culture of excellence.

**6.1.4 Were any of the senior leadership positions of the College vacant for more than a year? If so, indicate the reasons.**

No.

**6.1.5 Does the College ensure that all positions in its various statutory bodies are filled and conduct of meetings at the stipulated intervals?**

Yes. All positions in various statutory bodies are filled on time. Meetings of various statutory committees are always conducted at regular intervals.

**6.1.6 Does the College promote a culture of participative management? If yes, indicate the levels of participative management**.

Yes. The college promotes a culture of participative management. Academic leadership of the college lies with the Principal while the Secretary holds the administrative leadership. The functions of these two positions are well synchronised by the Board of Management wherein the Principal and Secretary are ex-officio members. There is functional decentralisation by establishing Offices of Vice-Principals, Dean-Academic, Dean-Students, Dean-Women Students, Controller of Examinations and Treasurer.

All academic activities and the related policy changes are evolved and implemented through committees and thus increasing the effectiveness of the organization in achieving its goals.

### Administrative Decentralisation

**Governing Body:** The apex decision making body has members from among administrators including the Deputy Principal, Vice-Principals, Deans, Controller of Examinations, IQAC Coordinator. All the decisions taken by the Academic Council and various statutory bodies go for final approval by the Governing Body. The Governing Body Meeting is convened twice a year. Student admissions, faculty appointments, proposals on infrastructure facilities, funds received and the expenditure incurred, academic output and future directions for the college are presented in detail in the meeting for discussion and approval.

**Deputy Principal:** Assists the Principal by providing academic leadership to the self-financed courses. The Deputy Principal is assisted by two Vice-Principals who are faculty members from self-financed courses.

**Vice-Principals:** Two faculty members from the aided courses are appointed as Vice-Principals. One, a Jesuit Vice-Principal, stands in as acting Principal whenever the Principal is absent. He is also the Deputy Director of the Hostels for men and women. He coordinates the activities of students' admission and disciplinary committees. The second one, a faculty member, looks after the general facilities of students, students' attendance, the general discipline of Shift I and also

acts as the Chief Superintendent of Examinations. He organises Parent-Teacher meeting and is in-charge of student support services.

**Dean-Academic:** He is the coordinator for all the academic programmes and career-oriented courses. He is the member secretary of the Academic Council. In coordination with IQAC he conducts faculty development programmes and workshops. He prepares and submits the proposals for autonomous and other grants to the UGC. He convenes the meetings of all the statutory committees as per the instructions of the Principal. He prepares the college academic calendar, prospectus and college hand book.

**Dean-Students:** There are two Deans to take care of student-related activities. A woman faculty member has been appointed as a Dean from the academic year 2012-2013, to pay attention to the issues relating to women students. The two Deans coordinate in organising orientation programme for the freshers, election for various student associations to select student secretaries, monitor Part V programmes and conduct cultural festivals like Campus Fest, Theatre Fest and Saral. As members of the college administrative committee they represent students' issues in the meetings.

**Controller of Examinations:** The Controller of Examinations is appointed by the Management for a period of three years and he is responsible for planning and conducting all the end-semester examinations ensuring confidentiality.

**Treasurer:** The college has a treasurer, who is a Jesuit Priest, for managing the accounts of the college. He submits the accounts for auditing and presents them for approval in the Governing Body. He is also the designated Estate Officer of the college.

Principal, Deputy Principal and Vice-Principals, Deans, IQAC Coordinator and Controller of Examinations form the College Administrative Committee which meets once a week to review the functioning of the college and to plan ahead for the future. The ideas and issues evolved in the administrative committee meetings are taken up for discussion and implementation in the Staff Council.

**Staff Council:** The Staff Council consists of the Heads of all Departments, Deputy Principal, Vice-Principals, Deans, IQAC Coordinator, Controller of Examinations, etc. This council facilitates the process of decision making and implementation in academic matters. It is also a forum where the Heads of the Departments represent the views of the faculty on issues relating to administrative and academic matters.

**Statutory Bodies**

The Academic Council, Finance Committee, Planning and Evaluation Committee and Examination Committee are decision-making committees, whose recommendations are taken up for implementation. The faculty members play a vital role in all the decision making processes that are aimed at the actualization of Institutional goals. Each decision making committee, with the Principal as

Chairperson, and a faculty member as the convenor, has a sizeable number of faculty members for planning and implementing various activities of the College.

### Non-Statutory Bodies and Associations

The institution has created various non-statutory committees (administrative committee, staff council, planning and evaluation committee, etc.,) and associations to bring in quality, better management and organise need-based programmes. These committees effectively carry out curricular and co-curricular programmes of the college. The bodies are constituted by the Principal in the beginning of the academic year.

**6.1.7** **Give details of the academic and administrative leadership provided by the University to the College.**

Our College is affiliated to the Madurai Kamaraj University, Madurai.

The university nominates academicians of repute in the statutory bodies of the college, Academic Council and Boards of Studies of various Departments. The university nominees provide with valuable insights to various issues taken up for discussion in the committees.

**6.1.8** **How does the College groom the leadership at various levels?**

The college grooms leadership at all the three levels: Management and administration, teaching and non-teaching staff and students.

### Management and Administration

The Rector, who is the Head of the Institution and Appellate authority of the College, is always a Jesuit priest with a lot of experience in academic institutions in various capacities. His presence in the campus helps in guiding and grooming the leadership at the highest level.

The Principal and members of administrative offices frequently attend workshops on "Leading to Excellence" organised exclusively for administrators of Jesuit Colleges by the Jesuit Higher Education Commission. They also attend National-Level NAAC sponsored Conferences on quality in higher educational institutions.

The tenure of the administrative posts like Vice-Principals, Controller of Examinations and Deans is three years. The responsibilities are offered to the faculty members on the basis of their seniority and experience. The faculty members at various levels are sent for management development seminars organised by the province.

### Teaching and non-teaching Staff

The middle level faculty members with potential are identified and trained by entrusting them with the responsibility of an office or convenorship of various committees. The heads of the Departments are spared from the convenership of

committees, providing a chance for the others to learn and develop in to better leaders. The non-teaching staffs are also made members of a few committees taking responsibilities in their activities.

**Students**

The elected student leaders are given leadership training programmes by the college faculty and experts from other institutions. They also show their mettle by organising the College Teachers' Day, Department meetings and other events.

### 6.1.9 Has the College evolved any strategy for knowledge management? If yes, give details.

Yes. Knowledge management brings together three core organisational resources – people, processes and technologies – to enable the organisation to share and utilise information effectively.

The IQAC arranges conferences on topics like quality assurance systems in higher educational institutions, healthy and best practices, faculty seminars on academic audit, ICT in education, etc. The faculty are given information on the various grants and schemes of the UGC and other funding agencies by the Dean's Office.

The Department associations and various committees share information pertaining to their field through notice board.

Events of national importance are brought to the knowledge of the students by faculty lectures, awareness programmes, science melas and rallies. The students enact street plays to highlight social issues of the students and the community.

The publication of the research journal 'SPARKS' is an initiative of the college in making the outcomes of the faculty research available to the students and other institutions.

The Department of Computer Science has been given the responsibility of preparing a proposal for utilising technology for knowledge management system using open source software.

### 6.1.10 How are the following values reflected in various functions of the College? Contributing to national development

The college takes efforts to equip the students with knowledge and skills to meet the global challenges and also societal needs through its academic programmes and extension work. This is reflected in the various functions of the college through the following means:

- One of the missions of the college is to provide greater opportunities of access to higher education with equity to all the eligible persons and in particular to the vulnerable sections. The institution contributes to regional and national development by its inclusive admission policy.

- The institution promotes quality of higher education by investing on infrastructure, promoting academic reforms and the dedicated faculty help the hitherto educationally deprived communities.
- Student intake predominantly from the disadvantaged sections of society.
- 30% of under graduate admissions for women, preferably from local area.
- Providing employability skills through soft skill programmes.
- Social awareness and commitment to society inculcated through extension programmes like NSS, ARISE, VETEX and ACPR.
- Celebration of the Independence Day and the Republic Day in the College and villages creating a patriotic fervour among the students.

## Fostering global competencies among students

To compete successfully in the employment market the students are expected to have effective communication skills, leadership qualities and interpersonal skills.

The college promotes global competencies among students through:

- Continuous upgrading of the curriculum to meet national and global standards.
- Imparting Computer skills.
- Organising Soft skill programmes.
- Organising Leadership training programmes.
- Promoting Organisational skills through association and seminar activities.

## Inculcating a Value System among Students

The Jesuit Higher Education Policy stresses on value-based education. The college inculcates a value system among students through:

- Foundation courses in the curriculum, which includes "Personality Development", "Social Analysis" and "Life Issues and Coping Skills", and an optional programme on Bioethics enhances the moral values of the students.
- An optional course on Women's Studies and seminars on Women Empowerment promote gender equality
- Extension programmes promote the importance of "Serving the Poor and the Needy"

## Promoting Use of Technology

In the changing global scenario, technology has become an indispensable tool for improving the efficiency of the teaching-learning process and the College administration and management.

- Student admission and attendance are completely computerised.
- Student representatives' elections are conducted by electronic voting system.

- LCD projector enabled classrooms for departments.
- Provision of internet facilities and laptops to the departments.
- A language laboratory with 10 computer systems to improve language skills and voice culture.
- Browsing centre for students.
- Access to e-journals to facilitate research.
- Availability of audio and video resources for teaching.
- The college accounting, staff salary made software based.

### Quest for Excellence

Quality assurance, sustenance and enhancement have become an integral component of all the activities of the college. The IQAC plays a vital role in this quest for excellence by assuring, enhancing and sustaining quality of all the academic activities.

- Faculty development programmes.
- Motivation given to faculty to do research.
- Seminars and conferences on current topics are arranged by inviting eminent scholars as resource persons.
- Faculty evaluation by students and peer evaluation of faculty.
- Evaluation of all the seminars, workshops, faculty development programmes conducted by the college through structured questionnaire.
- Evaluation of CBCS by faculty and students for bringing necessary changes.

**6.1.11 Give details of the UGC autonomous review committee's recommendations and its compliance.**

The UGC Autonomy Review Committee visited the institution on 7$^{th}$ and 8$^{th}$ of December, 2011 for an inspection and appreciated the work done by the college under autonomy. The committee in its report has not specified any recommendation to the college for improvement.

Based on the recommendation of the review committee, the UGC has accorded its approval for continuation of autonomous status for a further five year period, from 2011-2012 to 2016-2017.

## 6.2 STRATEGY DEVELOPMENT AND DEPLOYMENT

### 6.2.1 Perspective Plan of the College

The perspective plans of the College on future accomplishments of various aspects for the next five year period are:

|  | Plan for the Next Five Year Period |
|---|---|
| Teaching and Learning | • Restructuring of Undergraduate courses.<br>• Smart class room and e-module creation.<br>• Promoting use of laptops by students to access study materials.<br>• NET/SLET coaching for PG courses.<br>• Restructuring PG courses that are less popular.<br>• Starting MBA in Rural Management.<br>• Examination reforms: on-line tests.<br>• AV Theatre to screen educational programmes like NPTEL.<br>• Making computer science students and others to take up online courses. |
| Research and Development | • Inter-disciplinary research in science.<br>• Augmenting research facilities in Mathematics and Chemistry.<br>• Creating a central instrumentation centre for research.<br>• Focus on major research projects.<br>• Collaborative research with other institutions.<br>• Encouraging newly appointed non-doctorate faculty to register for doctoral degrees. |
| Community Engagement | • Promotion of College-School interaction. |
| Human resource planning and development | • Faculty development programmes for the newly appointed faculty members. |
| Industry interaction | • Signing MoUs with industries for in-plant training, projects and placement.<br>• Promotion of industry participation in curriculum designing, especially in computer science.<br>• Formalising consultancy services. |
| Internationalisation | • Utilisation of MoUs signed with international universities for faculty and student exchange.<br>• College social network site for sharing information. |

**6.2.2    Enunciate the internal organisational structure of the college and decision making processes and their effectiveness.**
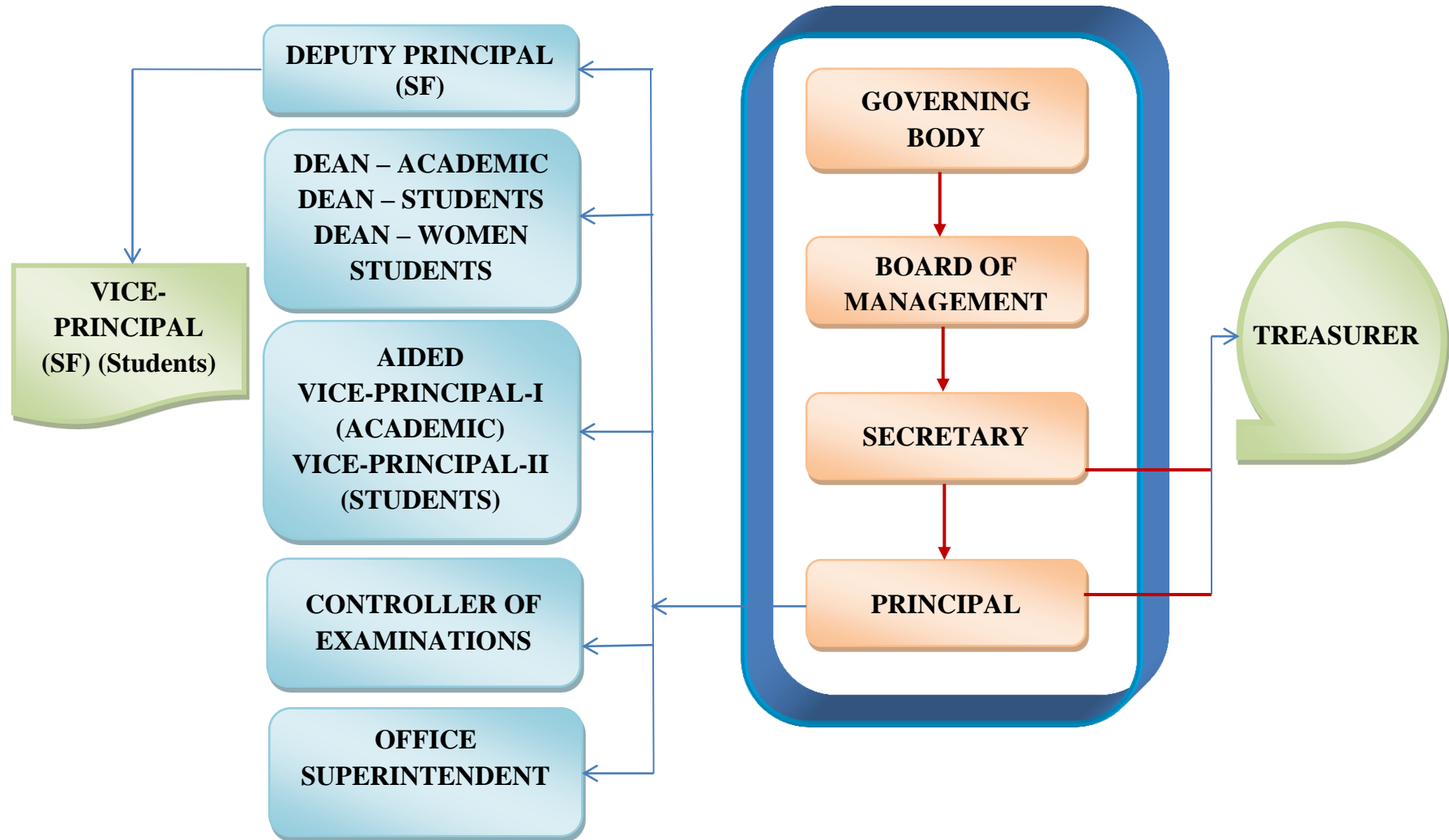
**Decision processes and their effectiveness**

- As a supreme decision making body the governing body has representation from UGC, state government, affiliating university, industry and includes the officials of the college.
- The board of management plays the role of executive body linking the governing body and the administrative committee.
- The administrative committee headed by the Principal, has all the officials of the college, implements the policy decisions and also the day-to-day academic activities.
- The administrative committee meets periodically to review the functioning of the college, monitors the activities and facilitates the regular activities of the departments and various units.
- The suggestions and policy-related proposals evolved in the administrative committee meetings are reviewed by the board of management and placed in the governing body for approval.
- The administrative committee is empowered to take decisions on routine administrative and academic matters. This implies the decentralized administrative and academic autonomy that helps smooth functioning of the college.
- The executive board of management – the nucleus of the board of management – is functioning as the standing committee of the administrative committee for any emergency decisions on vital issues.

**6.2.3   Specify how many planned proposals were initiated/ implemented, during the last four years. Give details.**

| | Plans initiated/implemented |
|---|---|
| 2008-2009 | <ul><li>Constitution of a Curriculum Development Council.</li><li>Feasibility study for starting a College of Physical Education.</li><li>NAAC sponsored National Seminar on Internal Quality Assurance Systems and Curriculum Development.</li><li>Construction of a new academic block started.</li><li>New laboratories for physics and chemistry planned.</li><li>Britto Informatics centre for farmers under RDS and ACPR.</li><li>Faculty development programmes.</li><li>Construction of the second floor in Women's hostel.</li><li>A new conference hall in the library building (Prince Hall).</li><li>Men's Hostel- stage and reading room constructed.</li><li>Computer training course for non-teaching staff.</li></ul> |
| 2009-2010 | <ul><li>Four faculty development programmes conducted.</li><li>Library automation software SOUL updated.</li><li>5 KWh backup power supply unit provided to library.</li><li>LCD projectors and computers provided to PG departments.</li><li>New laboratories for chemistry and physics constructed.</li><li>Mbps internet connection from BSNL installed.</li><li>Browsing Centre for students started.</li><li>Capacity Building programme for non-teaching staff.</li><li>Awards of excellence for best faculty, non-teaching staff, researcher, best extension activity and best student are instituted.</li><li>Staff family get together organised.</li></ul> |

| | |
|---|---|
| 2010-2011 | • Proposal for starting BSc. Food Science and Technology forwarded to UGC. <br> • Grade system in examination introduced. <br> • Examination results were uploaded on the college web site. <br> • Access to e-journals through INFLIBNET. <br> • Air conditioning of seminar and conference halls. <br> • Augmentation of water supply through new bore wells. <br> • Construction of a kiosk. <br> • Power supply to the college changed to 3 phase. <br> • Dean's and Controller's Office provided with high speed printers. <br> • VB-based data base system established in the Controller's Office. <br> • LCD projectors and audio facilities fitted in classrooms. <br> • Noon meal scheme for the needy introduced. <br> • Hostel kitchen and mess hall modernised. |
| 2011-2012 | • Construction of new indoor stadium started. <br> • Construction of a modern basketball court planned. <br> • Establishment of a mineral water plant. <br> • Construction of bio-gas plant from human waste. <br> • Installation of hybrid solar and wind power system initiated. |

**6.2.4 Does the College have a formally stated quality policy? How is it designed, driven, deployed and reviewed?**

Yes. The quality policy of the college stems from the corporate policies of Jesuit Higher Education. The college through academic excellence, social commitment and promotion of leadership aims at the "integrated development of rural students and empowering them for social transformation".

This quality policy of the college is the guiding principle of the departments in designing their curriculum and planning the programmes of the extension services. The quality policy of the college is periodically reviewed and revised by the Management after extensive consultative meetings with the faculty members.

**6.2.5 How does the College ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder relationship?**

The college has established effective mechanisms for attending to the grievances of staff and students.

**Redressal of Staff Grievances**

• Any grievance of a faculty on academic matters is generally presented by the Head of the Department in the Staff Council meetings.

• The Principal is always accessible to the faculty to share their grievances.

• The faculty members can present their grievances to the management in the staff meetings.

• The non-teaching staff presents their grievances to the Principal.

**Redressal of Student Grievances**

- Student grievances related to academics, examinations and faculty are generally dealt by the Head at the department level.
- Parents' grievances about their ward/college are attended to by the department during parent- teacher meetings.
- Students' Grievance and Appeal Committee has been constituted for Shift I and Shift II with the Principal as the Chairman. Students can submit their grievances in writing to the committee. The committee based on the nature of the problem suggests appropriate remedial action.
- Women Grievance Cell for Prevention of Sexual Harassment has also been constituted.

**6.2.6 Does the College have a mechanism for analysing student feedback on institutional performance? If yes, what was the institutional response?**

Yes.

The college obtained a feedback on the overall functioning of the college from the student representatives for the academic year 2011-12 on the following aspects: teaching-learning methods, infrastructure, library facilities, career guidance, soft skills training, placement, cultural, sports and games.

During the academic year 2012-2013, the Jesuit higher education commission has formed a committee to get feedback from students, faculty and other stakeholders on institutional performance through a structured questionnaire.

The feedback report is discussed elaborately with the academic heads and administrative officials for identifying remedies for appropriate follow up in the institutional development.

**6.2.7 In what way the affiliating University helped the College to identify the development needs of the College?**

The Madurai Kamaraj University to which the college is affiliated, nominates its representatives as members to the Governing Body, Academic Council and Boards of Studies. In the meetings the nominated members of the university offer their constructive suggestions for the development of the College.

The university also acts as a link between UGC/MHRD/NAAC and other funding agencies by forwarding the proposals submitted by the college.

**6.2.8 Does the affiliating university have a functional College Development Council (CDC) or Board of College and University Development (BCUD)? If yes, in what way College is benefitted.**

Yes.

The university has a functional College Development Council (CDC). It provides guidance to the college in applying for grants. It also forwards the proposals submitted by the college to the UGC and other funding agencies.

**6.2.9    How does the College get feedback from non-teaching, teaching, parents and alumni on its functioning and how it is utilised?**

The college obtains its feedback on the functioning of the institution in the staff meetings. The IQAC, in the year 2009-2010 obtained feedback from the faculty on the functioning of the management and administrative officials of the college. The feedback from the parents is obtained during the parent-teacher meeting. Feedback from the alumni is obtained during the annual alumni meet.

**6.2.10  Does the College encourage autonomy to its academic departments and how does it ensure accountability?**

Yes.

**Curriculum Designing**

The departments have full freedom to design their curriculum taking into consideration the vision of the college.

**Teaching-Learning and Evaluation**

The departments devise the teaching-learning pedagogies for the curriculum adopted. The departments have the freedom to invite subject experts of their choice for the guest lectures, seminars/workshops and association meetings organised by the departments.

They also have the freedom to arrange industrial and educational tours for the students.

On receiving the budgetary allocation from the Dean-Academic's office, the departments    place orders for purchasing the equipment and library books.

The department faculty have the freedom to decide the question paper pattern for the continuous internal examinations (CIA) for a maximum of 40 marks.

The departments suggest the panel of names of external examiners for question paper setting in the end-semester examinations to the Controller's Office.

During the pre-audit of the end-semester examination, the department Head has the liberty to modify the question paper set to an extent of 20% giving specific reasons.

The end-semester examination answer scripts are valued by the course teacher concerned and verified by the Head of the Department.

The end semester examination answer scripts are shown to the students for a review and the transparency is a checking mechanism ensuring accountability.

The Departments of Economics and Chemistry get written feedback from the students about the teaching-learning process and the facilities available in the department.

**6.2.11  Does the College conduct performance auditing of its various departments?**

No.

**6.3     FACULTY EMPOWERMENT STRATEGIES**

**6.3.1   What efforts are made by the College to enhance the professional development of teaching and non-teaching staff?**

The college at the beginning of every academic year conducts an orientation programme for the newly appointed self-financed course and management staff. In addition to these the college    periodically    organises    faculty    development programmes. The programmes conducted by the college for the professional development of the teaching and non-teaching staff are given in the following table.

| Date &Year | Programme conducted | Resource Persons |
|---|---|---|
| June 2008 | Orientation Programme for the newly appointed staff | Rector, Secretary, Principal and IQAC Convener |
| 22nd to 25th November 2008 | Refresher Course on Teaching-Learning Pedagogies | Fr.Thomas Alex, S.J. Principal, St.Xavier's College of Education, Palayamkottai.<br>Dr.S.Vincent, Former Professor of English, Arul Anandar College.<br>Dr.M.Lawrence, Faculty of English, The American College, Madurai.<br>Dr.R.Raja Govindasamy, Principal, Thiagarajar College, Madurai.<br>Dr.P.Annaraja, Dr.G.Porgio and Dr.M Alphonse Raj<br>Faculty, St.Xavier's College of Education, Palayamkottai. |
| 20th December 2008 | Research and Consultancy | Dr.M.A.Hanifa, CSIR Emeritus Scientist and Director CARE,<br>St.Xavier's College, Palayamkottai.<br>Fr.Dr.Amaladoss Anand, S.J., Professor, SatyaNilayam, Chennai.<br>Dr.Casimir Raja, Dean, Research, SRM University, Chennai.<br>Dr.Suresh Kumar, Faculty, Tamil Nadu Agricultural University, Coimbatore. |
| 29th and 30th January 2009 | National Conference on "Internal Quality Assurance Systems and Curriculum Designing" | Prof. N.Krishnaswamy, Former Professor, CIEFL, Hyderabad.<br>Mr.S.Ponmudiraj, Asst. Advisor, NAAC, Bangaluru.<br>Dr.G.Pankajam, Former Vice-Chancellor,<br>Gandhigram Rural Institute, Gandhigram.<br>Dr.BalachandraValke Director, Academy for Communication for English, Nasik,<br>Fr.Dr.Xavier Alphonse, S.J., Member UGC, Loyola College, Chennai.<br>Dr.R.V.Ram, Visiting Professor, Regional, Institute of English, Bangaluru. |
| 16th June 2009 | Research and Consultancy – Publication of Research Articles | Dr.T.Vanniarajan, Faculty, SVN College, Madurai.<br>Dr.C.Muthu, Faculty, St.Joseph College, Tiruchi.<br>Dr.M.A.Jeyaraj, Faculty, Gandhigram Rural Institute, Gandhigram.<br>Dr.Dunston Ambrose, Faculty, St.Xavier's College, Palayamkottai. |
| 17th and 18th July 2009 | Orientation Programme for the newly appointed staff | Rector, Secretary, Principal and IQAC Convener. |

| | | |
|---|---|---|
| 26th to 28th October 2009 | Communication and class room Management | Dr.Magdalene Dorairaj, Faculty, Fatima College, Madurai.<br>Dr.K.Alamar, Faculty, Arul Anandar College<br>Dr.C.Muthu, Faculty, St.Joseph College, Trichy. |
| 13th March 2010 | Workshop on Multimedia Teaching Materials | Dr.T.Manonmani, Faculty, Madurai Kamaraj University, Madurai<br>Dr.I.Casper Raj, Faculty, Gandhigram Rural Institute, Gandhigram. |
| 13th March 2010 | Refresher Programme for Non-Teaching Staff | Mr.Ramakrishnan, Accounts Officer (Retd), AG's Office, Chennai.<br>Mr.Kasirajan, Librarian, ANJA College, Sivakasi.<br>Er.Balamaurugan, Consultant, M.L. Measurement Equipments, Madurai.<br>Mr.Jude, Officer, HR Department, Apollo Hospitals, Madurai. |
| 15th June 2010 | Orientation Programme on "Mentor Care" | Rev.Dr. Michael Jeyaraj, S.J., Counselling Professional, Arul Anandar College. |
| 25th and 26th October 2010 | Enhancement of Teacher Effectiveness | Dr.N.Balaji, Faculty, Thiagarajar College of Engineering, Madurai.<br>Prof.T.Mutharasi, Faculty, Thiagarjar College of Management, Madurai.<br>Dr.Govindarajan, Faculty, The American College, Madurai.<br>Dr.M.Sundar, Faculty, Alagappa University, Karaikudi.<br>Dr.Suganthi Rajarajan, Faculty, Thiagarajar College, Madurai. |
| 14th June 2011 | Refresher Programme on Academic Calendar: Academic Audit Item Construction | Dr.S.Lourdunathan, Mr.N.Krishnamoorthy<br>Dr.M.John Joseph, Faculty, Arul Anandar College. |
| 20th and 21st July 2012 | National Colloquium for IQAC Coordinators on 'Best Practices' in HEIs | Dr.C.Thangamuthu, Former Vice-Chancellor, Bharathidasan University, Trichy.<br>Dr.A.Mercy Pushpalatha, Principal, Lady Doak College, Madurai.<br>Dr.Joe Jesudurai, Faculty, Loyola College, Chennai.<br>Rev.Dr.N.Casimir Raj, S.J., Rector, Arul Anandar College.<br>Rev.Dr.V. Joseph Xavier, S.J., Former Principal, Loyola College, Chennai.<br>Rev.Dr.S.Xavier Alphonse, S.J., Member, UGC.<br>Rev.Dr.G.Pushparaj, S.J., Coordinator, Jesuit Higher Education Commission, Trichy.<br>Rev.Dr.Jospine Nirmala Mary, Principal, Fatima College, Madurai.<br>Rev.Dr.V.K.Swamy, Principal, St. Joseph's PG College, Hyderabad.<br>Mr.B.S.Ponmudiraj, Assistant Advisor, NAAC, Bangaluru. |

**6.3.2    What is the outcome of the review of the performance appraisal reports? List the major decisions.**

The college has no practice of getting performance appraisal reports from the faculty.

**6.3.3    What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?**

The following schemes are available in the college for the welfare of the staff.

- A Baby Day Care Centre for infants and babies of teaching and non-teaching staff.
- Meeting a part of the expenses, Annual Tour arranged for the non-teaching staff.
- Preference for the children of the faculty and non-teaching staff in schools and colleges run by the Jesuits.
- Interest-free loan for the service staff.
- Two sets of uniforms are given to the service staff every year.
- Management staff and the staff of self-financed courses are given regular increment and the pay is revised periodically.
- The Management has given permission to run "AAC Staff Thrift Society" and "AAC Staff Mutual Fund" for the benefit of the staff.

**6.3.4    What are the measures taken by the College for attracting and retaining eminent faculty?**

The measures taken by the college for attracting and retaining faculty are:

- Periodic revision of pay scales of  management and self-financed faculty.
- The college gives permission for the faculty to take up research, attend Seminars, Workshops and Conferences irrespective of their number of years of service.
- The Self-Financed staff are given registration fee for paper presentations in conferences.

**6.3.5    Has the College conducted a gender audit during the last four years? If yes, mention a few salient findings.**

No.

**6.3.6    Does the College conduct any gender sensitisation programme for its staff?**

Yes. The Centre for Women's Studies plays a pivotal role in conducting gender sensitisation   programmes.

The centre has organised the following programmes:

- Gender Sensitisation programme was organised for final year UG boys and girls on 23-3-2010. Dr.Sugantha Ramamoorthy, Director, Centre for Women's Studies, Lady Doak College was the resource person.

- Orientation programme on Women's Issues for the staff was organised on 25th September, 2010.  Dr.N.Manimekalai, CWS, Bharathidasan University, Trichy, was the resource person.
- A workshop on Gender Sensitisation for local school teachers was conducted by Ms.Bimla Chandrasekhar, Director, and Ms.Gandhimathi, Development Consultant, EKTA Resource Centre, Madurai on 4th August, 2010.

**6.3.7  What is the impact of the University's UGC-Academic Staff College Programmes in enhancing competencies of the College faculty?**

The college faculty enhance their competency by attending Orientation Programmes and Refresher Courses organised by University's UGC-Academic Staff College
.

**6.4  FINANCIAL MANAGEMENT AND RESOURCE MOBILISATION**

**6.4.1  What is the institutional mechanism to monitor effective and efficient use of financial resources?**

For the effective and efficient use of financial resources of the College, a two-tier mechanism is adopted.

The College has the registered body named 'The Society of Arul Anandar' (As per ACT XXI of 1880 S.No. 82 of 1977, Madras and S.No.24 of 1985, New Delhi) comprising of the Jesuit Community of Arrupe  Illam. The Madurai Jesuit Province makes contribution to the corpus fund. The Society has a Finance Committee and Executive Committee which decide on the quantum of Management contribution towards development of the College, in terms of infrastructure, student and staff welfare.

The College Finance Committee invites budget proposals from the departments. It prepares and finalises the annual budget for the academic activities of the college. The proposed budget is placed in the Management Executive Committee for approval.

The approved budget allocation for various activities of the college is informed to the departments through Dean - Academic.
The entire financial accounting and monitoring is carried out by the Treasurer's office.

**6.4.2  Does the College have a mechanism for internal and external audit? Give details.**

Yes. The college accounts undergo one internal and two external audits. There is an internal audit of the accounts by a Chartered Accountant appointed by the college. The second audit is done by the Director of Collegiate Education and the third is carried out by the Office of the Accountant -General, Tamil Nadu Circle.

### 6.4.3 Provide audited income and expenditure statement of academic and administrative activities of the previous four years.

| INCOME | | | | |
|---|---|---|---|---|
| Particulars | 2008-09 | 2009-10 | 2010-11 | 2011-12 |
| BSR Grant | 10,00,000 | 0 | 0 | 0 |
| UG Dev Grant | 0 | 0 | 6,37,265 | 1,32,768 |
| PG Dev Gra-Eco | 0 | 0 | 3,00,000 | 2,00,000 |
| PG Dev Gra-Phil | 0 | 0 | 3,00,000 | 2,00,000 |
| PG Dev Gra-RDS | 0 | 0 | 4,80,000 | 3,20,000 |
| Merged Scheme | 0 | 0 | 8,25,000 | 3,160,500 |
| Addl. Assistance | 0 | 0 | 12,50,000 | 12,50,000 |
| Basketball Court | 0 | 0 | 0 | 2,50,000 |
| Indoor Stadium (UGC) | 0 | 0 | 0 | 35,00,000 |
| Indoor Stadium (Mgt) | 0 | 0 | 0 | 25,00,000 |
| UGC Auto. grant | 16,00,000 | 17,73,128 | 20,00,000 | 19,92,974 |
| Centre for Womens Studies | 0 | 3,00,000 | 2,40,000 | 2,77,079 |
| Govt. Grant-in-aid | 2,60,60,083 | 4,65,62,599 | 5,56,14,626 | 5,52,96,461 |
| ACPR | 2,00,000 | 10,79,307 | 11,89,509 | 8,61,024 |
| Intrest from fixed deposits | 5,49,806 | 4,47,721 | 6,05,985 | 10,23,033 |
| Examinations fees collected | 20,71,625 | 23,76,215 | 26,53,644 | 29,17,040 |
| Fees collection(SF) | 93,74,734 | 1,05,78,246 | 1,12,21,726 | 1,37,67,950 |
| Fees collection(MCA) | 39,38,380 | 25,24,359 | 20,61,045 | 14,75,670 |
| Mgt. Contribution (Secretary) | 39,12,056 | 46,42,633 | 47,35,718 | 58,04,006 |
| Mgt. Contribution | 9,31,948.75 | 0 | 0 | 19,82,837 |
| Total Income | 49,638,632.75 | 70,284,208 | 84,114,518 | 96,911,342 |
| EXPENDITURE | | | | |
| BSR Grant | 10,01,522 | 0 | 0 | 0 |
| UG Dev Grant | 0 | 0 | 7,74,138 | 2,70,789 |
| PG Dev Gra-Eco | 0 | 0 | 3,00,000 | 2,00,000 |
| PG Dev Gra-Phil | 0 | 0 | 3,00,090.20 | 2,00,000 |
| PG Dev Gra-RDS | 0 | 0 | 4,93,825 | 3,20,000 |
| Merged Scheme | 0 | 0 | 8,32,957 | 31,60,500 |
| Addl. Assistance | 0 | 0 | 12,55,498 | 12,58,375 |
| Basketball Court | 0 | 0 | 0 | 3,14,100 |
| Indoor Stadium | 0 | 0 | 0 | 60,00,000 |
| Auto grant uti | 21,09,373.75 | 19,29,556.80 | 20,06,834 | 20,15,763 |
| Centre for Women Studies | 0 | 2,40,000 | 3,01,816 | 3,00,000 |
| Govt. grant-in-aid | 2,60,60,083 | 4,65,62,599 | 5,56,14,626 | 5,52,96,461 |
| ACPR expenses | 2,00,000 | 10,79,307 | 11,89,504 | 3,42,853 |
| Fixed deposits | 32,60,000 | 11,70,287 | 2,60,000 | 76,74,290 |
| Examination expenses | 13,41,427 | 11,35,306 | 12,48,269 | 20,37,636 |
| Salary for staff (Management+SF) | 62,47,682 | 78,42,004 | 85,48,374 | 1,10,16,540 |
| Administrative expenses | 19,73,913 | 26,85,963 | 41,64,290 | 38,18,877 |
| Maintenance | 6,31,719 | 8,32,357 | 14,29,813 | 6,19,894 |
| Scholarships/ freeships | 1,61,136 | 1,24,345 | 1,61,976 | 1,05,062 |
| Seminars/ Workshops | 53,746 | 1,21,789 | 1,96,746 | 2,51,448 |
| Infrastructure Development | 12,35,765 | 31,20,946 | 13,46,022 | 2,26,661 |
| Books and journals | 3,21,949 | 2,84,959 | 1,18,510 | 1,456 |
| Equipment for lab | 10,15,469 | 2,11,716 | 1,67,188 | 1,14,677 |
| Electricity charges | 16,73,606 | 4,99,125 | 14,58,660 | 3,13,466 |
| Water charges | 1,08,328 | 1,47,780 | 67,308 | 1,16,227 |
| Office equipment | 8,30,780 | 1,69,039 | 1,00,000 | 77,379 |
| Furniture | 2,36,709 | 5,07,705 | 1,12,950 | 73,640 |
| Computers, Software and UPS | 5,64,720 | 1,20,953 | 4,00,576 | 2,95,450 |
| Miscellaneous Expenses | 6,10,725 | 0 | 7,88,619 | 4,89,798 |
| Total Expenditure | 49,638,632.75 | 68,785,736.80 | 83,638,589.20 | 96,911,342 |
| Excess over Expenses | 0.0 | 1,498,471.20 | 4,75,928.80 | 0.0 |

**6.4.4   Have the accounts been audited regularly? What are the major audit objections and how are they complied with?**

Yes.

The accounts have been audited regularly. Every financial year accounts have been audited and the Statement of accounts is placed in the Governing Body for discussion and approval.There have been no major audit objections.

**6.4.5   Narrate the efforts taken by the College for resource mobilisation.**

The College mobilises its resources through the following means:

- The fees received from the students are invested in fixed deposits till they are needed thereby gaining interest.
- For additional courses/skill development programmes, which are not part of the regular curriculum, fees is collected to meet the expenses.
- Grants, for carrying out research, from funding agencies like the UGC, the DST, the ICSSR are sought.
- Extension programmes like ACPR are well supported by foreign funding agencies.
- If the sanction of grant gets delayed, the Province provides with funds as loan for meeting expenses
- Staff members retiring from their service institute Endowment Scholarships for providing financial assistance to the poor and deserving students
- Arul Anandar College Jesuit Community Scholarship for poor students was established in 2011 with a donation of 8 lakh rupees by Rev.Fr. Leonard, S.J.

**6.4.6   Is there any provision for the College to maintain the 'corpus fund'? If yes, give details.**

Yes. The college maintains a corpus fund of 3 crores.

**6.5      INTERNAL QUALITY ASSURANCE SYSTEM**
**6.5.1   Does the College conduct an academic audit of its departments? If yes, give details.**

No.

**6.5.2    Based on the recommendations of academic audit what specific measures have been    taken by the College to improve teaching, learning and evaluation?**

The college has not conducted academic audit of the departments.

**6.5.3   Is there a central body within the College to continuously review the teaching-learning process? Give details of its structure, methodologies of operation and outcome?**

The Principal and the IQAC periodically review the teaching-learning process by administering structured questionnaire with weightage for different aspects.

Based on the feedback from students and the faculty, new strategies are formulated for implementation.

The outcome has been a continuous effort to implement learner-centric plans.

### 6.5.4 How has IQAC contributed to institutionalising quality assurance strategies and processes?

As a result of performance analysis of the departments and the feedback obtained from the stakeholders, IQAC has put in place the following mechanisms:

- Organising conferences to inculcate and internalise the quality parameters and best practices in higher educational institutions.
- Planning need based faculty development and enrichment programmes.
- Serving as advisory to the management on institutional needs and strategies for further development
- The IQAC emphasises quality in all academic activities and administrative performance.

### 6.5.5 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

Yes.

The IQAC has three external members, a Panchayat President, an industrialist and an academician from other institution. The external members give feedback on the various aspects of the college for betterment and improvement.

Some of the suggestions are:
- Imparting scientific temper among the students through science mela and exhibition.
- Conducting local festivals with the village community.

### 6.5.6 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

No.

### 6.5.7 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc?

The management committee through their periodic review meeting, analyses various aspects of the functioning of the college and delegates the Principal to conduct regular meeting at various intervals to review institutional progress. The administrative committee of the college meets once in a week for planning and review of the general functioning. The Heads of the Departments and functional area coordinators periodically meet for planning and evaluation.

# CRITERION - VII

# INNOVATION AND BEST PRACTICES

## 7.1 ENVIRONMENT CONSCIOUSNESS

The Management of Arul Anandar College is always proactive in protecting the environment. It has converted the once barren and dry campus into a lush green sylvan environment. Water conservation, biogas from human waste and installation of hybrid wind-solar power generation prove the environment consciousness of the management.

The college brings awareness to the students on the importance of preserving environment through seminars and conferences.

The extension units frequently conduct rallies and awareness programmes in the nearby villages making the community aware of the environmental protection.

**7.1.1 Does the College conduct a Green Audit of its campus?**
No.

**7.1.2 What are the initiatives taken by the College to make the campus eco-friendly?**

**Energy Conservation**
- The college has installed a biogas plant from human waste with the collaboration of the Sulabh International, New Delhi. This plant saves nearly 30% of the fuel bill of the college hostel mess.
- To save electricity, seminar halls are fitted with energy efficient star rated split air conditioners.

**Use of renewable energy**
- The college has installed a 5 KWH hybrid Wind-Solar power generation system with the assistance of Tamil Nadu Energy Development Agency, TEDA. This project generates and supplies electricity for ten class rooms.
- Solar water heaters have been fixed and are in use in Aruppe Illam.

**Water harvesting**
- The college has installed rain-water harvesting percolation ponds on the campus.
- The college has constructed an overhead water tank with a capacity of two lakh litres of water.

**Efforts for carbon neutrality through solid waste management**
- The food waste from the hostels are sent to piggery units.
- The perishable wastes are converted into organic manures.
- The non-perishable wastes are sold to local vendors.
- Use of plastic cups for serving coffee/tea in the hostels, canteen and seminars has been banned. Eco-friendly products are used instead.

**E-waste Management**
- The defective and unwanted electronic parts of the computers and its accessories are collected and sold as scrap to the vendors.

**Environmental Education**

- The college offers a paper titled "Environmental Studies for all the second year UG students.

- Mr.Francis Xavier, Managing Director, I-GREEN, Madurai, delivered a guest lecture on "350 Campaign and Climate Change" on 22[nd]December, 2010.

- Cleaning 25 tree sapling sites inside the college campus were carried out during 14th to 17[th]February, 2011.

- One-day training on Producing Eco-Friendly Non-woven Bags was organised for the students on 13th to 14[th]September, 2012.

- Students are encouraged to participate in Art from waste inter-departmental competitions.

- News items on "Environmental Issues", Global warming and Climate Change from all the daily Newspapers were cut and displayed throughout the year 2010-11 on the notice board.

- The students and staff members took part in a "Human Chain" on 15th September, 2011 to celebrate the World Ozone Day. Students prepared hoardings bearing slogans that indicate protection of ozone layer, planting saplings and avoiding the usage of plastics.

- The Nature Club students of our college conducted an awareness programme cum exhibition on "Green Products" as part of the celebration of "Green Consumer Day" on 28[th]September, 2011. The program emphasised the use of (i) the paper bags instead of plastic bags (ii) the CFL bulbs instead of ordinary bulbs, (iii) the solar energy and wind energy.

**Social activity of Nature Club at St.Claret's Primary School, Karumathur**

- Our students planted tree saplings at St.Claret Primary School, Karumathur on 20[th]December, 2011.

- The students staged a Tamil Drama on "Poomi Kulirattum" (Let the Earth get Cool) for the school students.

- Nature Food Festival, a unique function to encourage and create awareness about the natural food items and natural medicines was held on 15th February, 2012. The students collected nearly 30 varieties of herbal plants from the college campus and kept them as exhibits along with notes and a good number of books on nature, natural foods, organic farming and vermicomposting.

- A collection of traditional organic grains was exhibited.

## 7.2 INNOVATIONS

### 7.2.1 Provide details of innovations introduced during the last four years which have created a positive impact on the functioning of the College.

Arul Anandar College aspires to be benchmarked as a rural abode of shared learning, action and responsibilities in terms of providing access, equity, inclusiveness and social justice in higher education.

### Innovations

1.  The introduction of Electronic Voting for student-body elections has created awareness on the need for familiarity with ICT

2.  Verification of the valued answer scripts by the respective student has been introduced as an innovative measure of transparency in the academic delivery system. The transparency system has created an atmosphere of confidence among the staff about their evaluation process and satisfaction among the students about their performance and grading.

3.  The organic link between the college and the community has reinforced the slogans of 'Taking University to the Villages' and 'From Lab to Land' respectively. This has been actualised through the dissemination of scientific temper and information to the Science teachers in the village schools, school children, the panchayat leaders, the NGOs and the Self-Help Groups and the villagers.

## 7.3    BEST PRACTICES

### 7.3.1    Give details of any two best practices which have contributed to better academic and administrative functioning of the College.

**Best Practice – I**

**"Convergence between the College and Community for sustainable Social Transformation"**

**Objectives**

*   To promote an ongoing engagement of the college with the rural community for Integrated Societal Transformation.
*   To involve the staff and students in the service of the rural poor
*   To empower the poor with knowledge and skills for improving their quality of life.
*   To provide an educational impetus for women empowerment.

**Strategy**

Engineering a social transformation through:

*   Extension programmes.
*   Making Community service as a part of the curriculum through ARISE and Part V courses.
*   Making use of the talents of the students in cultural activities to promote social awareness among the people.
*   Organising free medical camps. Community health programmes and veterinary camps in villages.
*   Organising programmes on environmental awareness.
*   Enabling people to identify their problems and represent them to the government departments for speedy redressal.

### The Context

An overall social, economic and educational backwardness has given the college the motivational challenge to catalyze rural education in terms of access, equity, inclusiveness and social justice. The need for a multipronged approach with clear targets in all areas has given direction and a sense of purpose in designing and implementing programmes and activities to actualize the vision of continuing conversation between college and community through curriculum design, academic programming and administrative functioning.

### The Practice

The convergence between the college and the community has become more articulate by the activities and events managed by the Part V programmes such as the National Service Scheme (NSS), National Cadet Corps (NCC), Youth Red Cross (YRC), ROTARACT and Physical Education with an allocation of one credit. Besides, a well knitted and intensive extension programme consisting of ARISE, RADAR, ACPR, VETEX and CCRG has foregrounded the relevance of the college and the community engagement. These programmes instill a value system of social harmony and commitment among the students.

**ARISE (AR**ulanandar **I**nitiative for **S**ocial **E**ducation) is implemented in close collaboration with NGOs, Government officials and local village leaders. All the II year UG students are involved in this programme. It carries one credit. ARISE creates an opportunity for the students to reach out to the people with knowledge and skill to animate people and help them develop themselves by mobilizing the locally available resources. The ARISE programme is conducted in 15 selected villages of the Chellampatti Block. The programme aims at developing the neighbourhood communities through Literacy, Health, Legal Rights, Environmental Awareness, Sanitation and Women Empowerment.

**RADAR (R**ural **A**ction **D**evelopment **A**nd **R**esearch**)** acts as a catalyst and adopts the following strategies:

- Collaboration between the college and the villages.
- Participatory survey research by students and staff with the rural community.
- Periodic social and community orientation Programmes.
- On-going training to community workers and leaders.

### Development Initiatives by RADAR for rural community:

- HIV/AIDS awareness campaign in villages.
- Youth and Women Development.
- Eradication of Female infanticide in collaboration with Nehru Yuva Kendra.
- Education for students through evening tuition centres in the villages.
- Personality development for students from $5^{th}$ to $10^{th}$ standards.

**Guidance to the unorganised Sector:**

Tailors, Street vendors, construction labourers, washermen and women from the unorganized sector were guided by RADAR to register themselves with Department of Tamil Nadu Labour Welfare Board, Madurai. Registration Cards have been obtained for 34 rural workers.

**ACPR (A**rrupe **C**entre for **P**olicy **R**esearch**)** undertakes research and training programmes relating to rural livelihood.

Its salient features are:

- Rural Resource Data Archive (**RRDA**) that houses the complete data base of the Chellampatti Panchayat Union.
- Facilitating micro planning through Participatory Rural Appraisal (**PRA**).
- Partnership with the Commonwealth of Learning for "Learning for Development".
- Britto Agro-Informatics Centre with the Touch Screen Kiosk.
- Vaigai Vivasaigal Nala Sangam (Vaigai Farmer's Welfare Society) with 140 progressive farmers and 14 farmers Clubs.
- Introduction of one year Diploma programme on Multimedia Development
- Dynamic partnership with Reddiyarchatram Seed Growers Association (**RSGA**) and the NGO, VIDIYAL.

  The contribution of ACPR to the training of the locals include production of 202 e-content and 6000 voice mail, a certificate course on multimedia of lifelong learning for 105 students, 3 batches of 7-day animation training for students, staff and NGO staff numbering 77, training on seed production to 350 progressive farmers and training to 36 women and men in cottage production of masala powder and phenol.

**VETEX (VET**erinary **EX**tension**)** offers ready services to the villagers in cattle management and cattle reproduction practices.

**Activities:**

- Veterinary treatment to the animals in the clinic.
- Breeding facility to upgrade the local cattle.
- Training to the students of Rural Development Science as part of practical.
- Conducting village level animal health camps.
- Offering information on economic farming.
- Dairy milk production involving the farmers from 35 villages of the Chellampatti Block.

**On-going Programmes:**

- Treatment for common diseases.
- Artificial insemination.
- De-worming.

- Castration.
- Immunization.
- Pregnancy diagnosis.
- Simple surgical treatments.
- Basic pathological examination.
- Infertility treatment.

**CCRG** (**C**omputer **C**ourse for **R**ural **G**irls) functions with the objective of economic empowerment through skill development and educational process. By providing with computer training to the rural women the programme aims at providing economic independence. Motivation is being given to the rural girls to shed their fear and apprehension about the English language and computer usage.

### Evidence of Success
### Britto Agro-Informatics Centre

The Touch Screen Kiosk installed in the Britto Agro-Informatics Centre through its animated programmes provides agricultural information updates to the local farmers.

### Vaigai Vivasaigal Nala Sangam (Vaigai Farmer's Welfare Society)

140 farmers have registered in this society and function in fourteen farmer club units. The society with the linkage of NABARD helps the farmers in receiving development funds.

### .Veterinary Extension (VETEX) Achievements (2008-2013)
- Total number of veterinary cases attended          : 7486
- Total number of artificial inseminations          : 803
- Total number of veterinary camps                   : 9
- Backyard poultry farm and milk yield from dairy unit enhanced the livelihood of the local rural people.

### Problems Encountered and Resources Required
- Transport difficulty to  carry out extension work in the villages.
- For expansion of extension activities the institution looks forward to more resources.

### Best Practice – II
### "Participatory Management Practices"

. There are two levels of decision-making in Arul Anandar College.
- At the Province level
- At the College level.

In the Jesuit Policy Formulation process the professional expertise of the lay faculty is being involved at various stages. To promote genuine involvement in the enunciation of vision, policies and goals of the institution in the decision making process and in the administration of the college, the Policies of Jesuit Higher Education envisage a participatory management process involving the college faculty.

### Objectives

- To promote a shared vision among the Jesuits and the lay academic and administrative staff in carrying out the common mission.
- To create a conducive climate of freedom and fellowship on the campus.
- Decision making by consensus.
- Promoting leadership qualities and administrative responsibilities among the staff.
- Involving students wherever possible as they are the ultimate beneficiaries.

### The Context

The purpose of establishing the College in this rural background location is to bring about social transformations through education and dedicated service to the community. To achieve its mission, the Management has a shared vision with the staff members making them aware of the implications of the Jesuit vision and mission. To make the process more effective, the management decided to involve the faculty not only at the operational level of the decision making but also at the level of the policy.

### The Practice

The college management has delegated administrative responsibilities to lay faculty based on the level of their competency. The lay faculty are members of the Governing Body and as Vice-Principals, Deans and Controller of Examinations.

Students are involved in committees, Planning and Evaluation Committee and IQAC.

### Evidence of Success

The participatory management practices involving the management and the lay faculty has made feasible ambience in all the avenues of the institution.

Any additional information regarding innovations and best practices, which the institution would like to include.

### OTHER BEST PRACTICES

1. The orientation programme for the freshers about the academic and the various aspects of the campus life has created a sense of ease and composure among the new-comers. The departmental welcome and induction further the climate of confidence in the students and reduces the feeling of strangeness.
2. A leadership training and capacity building for the elected student secretaries and representatives bestows the students character values.  In the last five years, the elected representatives have come to play an important role in the smooth running of the college. They are trained in communication skills and they paticipate actively in the college activities and programmes.
3. One Semester Intensive Bridge Course in English is conducted by the department of English for all the first year undergraduate students  with one credit. It facilitates the teaching-learning process.

4.  Every year an induction programme is organized for the newly recruited members of the staff to orient them about the vision and mission of the college. The IQAC assessment indicates that it has strengthened the quality and capacity of the staff.

5.  Student welfare measures in terms of financial assistance to deserving students are carried out through different scholarships.

6.  The Mentor care programme and the counselling unit attend to the psychological needs of the students.

7.  The interdepartmental English Drama competition 'Theatre Fest' organized by the Department of English has created an opportunity for the student community to exercise their communicative skills, theatrical nuances, play writing, leadership and the spirit of healthy competition and cooperation.

8.  Similarly 'Saral' an inter-departmental Tamil Drama competition organized by the Department of Tamil has helped the students excel in their vernacular language skills.

9.  The weekly 'SPEAKPARK' programme organized by the department of English on every Tuesday engages the students from the different departments and makes them deliver well prepared speeches in English.

10. Publication of research findings by the faculty members has been made easy by the printing of the institutional journal "SPARKS" (Scientific Praxis and Action Research for Knowledge Society). (ISSN 2277-5021)

11. The students are issued free English daily paper "The Times of India" to cultivate the habit of 'newspaper reading' among students.

12. The Manithaneyam IAS Academy, Chennai, conducts coaching classes for the aspirants of IAS/IPS in our campus.

13. The Centre for Women's Studies and the Forum for Women Students have frequently organized awareness programmes on health, nutrition, hygiene, legal rights, female infanticide, women issues and human rights. Medical camps are conducted to check and monitor their health status. Necessary attention is paid to the needy students in the form of financial assistance and follow-up action.

14. The college has organized National Science Melas, Farm Festival, Science Workshops, Science Rallies, and campaigns with the collaboration of renowned National Institutes like Tata Institute of Fundamental Research, Mumbai, Indira Gandhi Centre for Atomic Research, Chennai and Neutrino Observatory Research Centre, Chennai.

15. Installation of Bio-Gas Plant from Human Waste with the support of the Sulabh International in the hostel makes a narration for environmental awareness.

16. The IQAC of the college serves as resource centre and consultation for other colleges.

17. The 'Campus Fest' organized every year gives an opportunity to the students to bring out their literary, artistic and cultural talents.

18. The Department of RDS organizes the harvest festival "Pongal" every year as a hallmark of its commitment to the development of land related agricultural practices.

19. The Department of Rural Development Science organised "Pannai Thiruvizha" (Farm Festival) with local farmers.

20. The college has instituted nine Awards of Excellence in the names of former Rectors, Secretaries, Principals and other Jesuits for the teaching staff, non-teaching staff and the students for their outstanding contribution to Teaching, Research and Extension. The awards are given during the college day celebration for every academic year.

21. The college has initiated the practice of honouring the faculty who have made significant contribution through publication of books and research degrees.

# E  EVALUATIVE REPORT OF THE DEPARTMENTS

## DEPARTMENT OF TAMIL

| | | |
|---|---|---|
| 1. | Name of the department and its year of establishment | Tamil<br>Aided – 1970<br>Self-Financed - 2002 |
| 2. | Programmes /Courses Offered | Tamil under Part I of the curriculum for Arts, Science and Commerce (Aided and Self-Financed) |
| 3. | Interdisciplinary Courses and Departments involved | Nil |
| 4. | Annual/Semester/Choice Based Credit System | Semester and CBCS |
| 5. | Participation of the Department in the courses offered by other Departments | Self-Learning Course Papers offered (Basic Tamil, Advanced Tamil, Non-Major Elective) |

### 6. Number of teaching posts sanctioned and filled

| Designation | Regular | | Self-Financed | |
|---|---|---|---|---|
| | Sanctioned | Filled | Sanctioned | Filled |
| Associate Professor | 1 | 1 | - | - |
| Assistant Professor | 3 | 3 | 6 | 6 |

### 7. Faculty Profile (Aided and Self-Financed)

| Name | Qualification | Designation | Specialisation | No. of years of experience in this College |
|---|---|---|---|---|
| Dr. A. Anandan | M.A., M.Phil., Ph.D. | Associate Professor and Head | Sangam Literature | 28 |
| Dr. A. Joseph Charlie Arockia Doss | M.A., M.Phil., Ph.D. | Assistant Professor | Journalism | 5 |
| Fr.Anbarasu Maria Raj S.J | M.A., | Assistant Professor | Sangam Literature | 6 |
| Mr. G.Gurusamy | M.A., M.Phil., D.C.A. | Assistant Professor | Grammar | 1 |
| **Self-Financed 2012-2013** | | | | |
| Dr. M. Santhanam | M.A., Ph.D., D.G.T., Cert.in Drama. | Assistant Professor and Head | Sangam Literature | 1+34* *(Worked in Tamil – Aided Department) |
| Ms.S. Jagadeeswari | M.A., M.Phil., | Assistant Professor | Ancient Litt. | 7 |
| Dr.S.Ganesh | M.A., M.Phil., Ph.D., PGDJMC. | Assistant Professor | Modern Litt. | 4 |
| Ms. S. Dennila | M.A. M.Phil., | Assistant Professor | Ancient Litt. | 1 |
| Ms. Manimegala | M.A., M.A., (Phil), M.Phil., D.G.T. PGDSCR, PGDRPCR. | Assistant Professor | Ancient Litt. | 1 |

| 8. | Percentage of classes taken by temporary faculty | Nil |
|---|---|---|
| 9. | Programme-wise Teacher-Student Ratio | Not applicable |
| 10. | Number of Academic support staff and administrative staff: Sanctioned and Filled | Nil |
| 11. | Number of Faculty with On-going Projects | One<br>Dr. A. Joseph Charlie Arockia Doss |
| 12. | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Nil |
| 13. | Research Facility | Nil |
| 14. | Publications | International : Nil<br>National : 7<br>Editing Books : 5 |
| 15. | Details of Patents and Income generated | Nil |
| 16. | Areas of Consultancy and Income generated | Nil |
| 17. | Faculty Recharging Strategies | Orientation, Refresher Course and Seminars |
| 18. | Student Projects | Not Applicable |
| 19. | Awards/Recognitions Received | Nil |

20. Seminars, Conferences Organised

| Name of the Seminar | Funding Agency | Year |
|---|---|---|
| Sanga Ilakkiya Chorpolivu | Management | 2008 |
| Penniya Karuththarangam | Management | 2009 |
| Sirappu Chorpolivu | Management | 2010 |
| Silampil esai | Management | 2011 |
| ViduthalaikkuMunnar Kaththolikkar Tamilpani | Management | 2012 |
| Imperunkappiyangal | Management | 2013 |
| Kaththolikkarkalin Tamil pani | Management | 2013 |
| Pakkthi Eyakkamai Valarntha Pakthi Ilakkiyam | Management | 2013 |

| 21 | Student Profile | Not applicable |
|---|---|---|
| 22 | Diversity of Students | Not applicable |
| 23 | Number of Students cleared Civil Services, NET, SLET, GATE, etc., | Not applicable |
| 24 | Student Progression | Not applicable |
| 25 | Diversity of Staff | Same parent university – 85%<br>Other University within the State 15%<br>From other universities in other States - Nil |
| 26 | Number of Faculty who were awarded Ph.D., D.Sc., D.Litt. during the assessment period | One – Ph.D.<br>Dr. A. Anandan, Madurai Kamaraj University, 2011. |
| 27 | Infrastructural Facilities | Internet facilities for staff: Available |
| 28 | Number of Students of the department getting | Not Applicable |

| | | |
|---|---|---|
| | financial assistance from the College | |
| 29 | Was any need assessment exercise undertaken before the development of new programmes? | No new programme has been developed during the assessment period |
| 30 | Does the department obtain feedback from? | |
| | A) Faculty on Curriculum as well as teaching- learning – evaluation? and what is the response of the department utilize it? | Periodical Department meeting conducted. |
| | B) Students on staff, curriculum as well as teaching- learning – evaluation and what is the responds of the department to the same? | Nil |
| | C) Alumni & Employers | Not Applicable |
| 31 | List the distinguished alumni of the Department | Not applicable |
| 32 | Give details of student enrichment programmes with external experts | Nil |
| 33 | List the teaching methods adopted by the faculty | • Lecture<br>• Seminar<br>• Debate<br>• Group Discussion<br>• Class tests<br>• Internal Assessment Tests<br>• Semester Examinations |
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | |
| 35 | Highlight the participation of students and faculty in extension activities | Nil |
| 36 | Give details of 'beyond syllabus scholarly activities" of the department | Saraal (Tamil Drama Competition)<br>Kaviarangam<br>Bhuthan Virunthu (A Special Talk on Current Issues)<br>Aaivu Vattam ( Faculty Seminar) |
| 37 | State whether the programme/department is accredited/graded by other agencies | No |
| 38 | Tamil Department | |
| | Strengths | Well qualified staff<br>Regular meetings |
| | Weaknesses | Less motivated students. |
| | Opportunities | Well-equipped library<br>To contact remedial classes to the needy<br>To encourage all the faculty members to pursue Doctral Degree. |
| | Challenges | Low level language knowledge even in their mother tongue. |
| 39 | Future Plans of the Department | To Start B.A. Tamil Literature |

## DEPARTMENT OF ENGLISH

| | | |
|---|---|---|
| 1 | Name of the department and its year of establishment | English -1970 |
| 2 | Programmes /Courses Offered | U.G. Part II (Aided) |
| | | U.G. Part II (Self-Financed) – 2002 |
| 3 | Interdisciplinary Courses and Departments involved | Nil |
| 4 | Annual/Semester/Choice Based Credit System | Semester and CBCS |
| 5 | Participation of the Department in the courses offered by other Departments | Nil |

6. Number of teaching posts sanctioned and filled

| Aided | Designation | Regular | | Management | |
|---|---|---|---|---|---|
| | | Sanctioned | Filled | Sanctioned | Filled |
| | Associate Professor | 1 | 1 | - | - |
| | Assistant Professor | 3 | 3 | - | - |
| Self-Financed | | Regular | | Management | |
| | | Sanctioned | Filled | Sanctioned | Filled |
| | Associate Professor | - | - | - | - |
| | Assistant Professor | - | - | 7 | 7 |

7. Faculty Profile

| Name | Qualification | Designation | Specialisation | No. of years of experience in this College |
|---|---|---|---|---|
| **AIDED** | | | | |
| Mr. S. Jesurajan | M. A., M.Phil., B. Ed., M.A (JMC) | Associate Professor& Head | American Literature | 13 |
| Ms. A. Sahaya Josephine Mary | M.A., M.Phil., | Assistant Professor | English Language Teaching | 5 |
| Fr. Godwin Rufus, S.J. | M.A., M.Phil., | Assistant Professor | British Literature | 2 |
| Sr. Dr. C. Mary Lowrencia | M.A., B. Ed., Ph.D. | Assistant Professor | English Language Teaching | 1 |
| **Self-Financed** | | | | |
| Mr. P. Veerasamy | M.A., M.Phil., | Assistant Professor | Indian Writing | 8 |
| Ms. Ramakrishnan Deepa | M.A., M.Phil., B. Ed., | Assistant Professor | American Literature | 2 |
| Ms.A. Hemamalathy | M.A.,M.Phil., B.Ed., | Assistant Professor | Indian Writing | 2 |
| Mr.A. Raja | M.A., M. A., M.Phil., | Assistant Professor | Indian Writing | 1 |
| Mr. A. Johnson Amirtharaj | M. A., M.Phil., | Assistant Professor | Indian Writing | 1 |

| 8 | Percentage of classes taken by temporary faculty | Nil |
|---|---|---|
| 9 | Programme-wise Teacher-Student Ratio (2012- 13) | Not applicable |
| 10 | Number of Academic support staff and administrative staff: Sanctioned and Filled | Nil |
| 11 | Number of Faculty with On-going Projects | Nil |
| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Nil |
| 13 | Research Facility | Nil |
| 14 | Publications | National                   : Nil<br>International         : 1<br>Chapter(s) in Books    : 3<br>Text Books for Part II English are edited & published by the Department every three years |
| 15 | Details of Patents and Income generated | Nil |
| 16 | Areas of Consultancy and Income generated | Nil |
| 17 | Faculty Recharging Strategies | • Attending Conferences, Workshops and Seminars<br>• Participation/paper presentation in State/National Level Seminars, Conferences |
| 18 | Student Projects | Not Applicable |
| 19 | Awards/Recognitions Received | Nil |
| 20 | Seminars, Conferences Organised | Nil |
| 21 | Student Profile | Not Applicable |
| 22 | Diversity of Students | |
| | Aided | Not Applicable |
| | Self-Financed | Not Applicable |
| 23 | Number of Students cleared Civil Services, NET, SLET, GATE, etc., | Nil |
| 24 | Student Progression | Not applicable |
| 25 | Diversity of Staff | |
| | Aided | Same parent university – 50%<br>Other University within the State – 50%<br>From other universities in other States- Nil<br>Same parent university – 75% |
| | Self-Financed | Other University within the State – 25%<br>From other universities in other States- Nil |
| 26 | Number of Faculty who were awarded Ph.D, D.Sc., and D.Litt., during the assessment period | Nil |
| 27 | Infrastructural Facilities | Internet facilities for Staff  : Available<br>Language Laboratory        : Available |

| 28 | Number of Students of the department getting financial assistance from the College | Not Applicable |
|---|---|---|
| 29 | Was any need assessment exercise undertaken before the development of new programmes? | Yes<br><br>B.A., English Literature was started during the assessment period 2011 |
| 30 | Does the department obtain feedback from? | |
| | Faculty on curriculum as well as teaching-learning evaluation? | No |
| | Students on staff, curriculum as well as teaching-learning-evaluation | No |
| | Alumni and employers on the programmes and what is the response of the department to the same? | No |
| 31 | List the distinguished alumni of the Department | Not Applicable |
| 32 | Give details of student enrichment programmes with external experts | • Theatre Fest is conducted annually<br>• Special guest lectures are arranged inviting subject experts from nearby colleges and Universities.<br>• SPEAKPARK is organized every Thursday to augment English speaking skills of students. |
| 33 | List the teaching methods adopted by the faculty | • Computer aided teaching<br>• Weekly compositions<br>• Assignments<br>• Documentary shows<br>• Film shows (syllabus based)<br>• English Grammar Video Clippings<br>• Student Seminars<br>• Power point Presentations<br>• Spoken English – Audio & Video<br>• Group discussion<br>• Public speaking<br>• Role play and Improvisation<br>• Language games |
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | • Analysis of Assignments<br>• Observations on students performing a task<br>• Periodical snap tests<br>• Quiz programmes<br>• CIA Tests and Semester Examinations. |
| 35 | Highlight the participation of students and faculty in extension activities | Nil |

| 36 | Give details of 'beyond syllabus scholarly activities" of the department | • WORDS-WORTH is displayed on public notice board to enlarge vocabulary building of the students.<br>• Literary competitions provide platform to exhibit their skills |
|----|----|----|
| 37 | State whether the programme/department is accredited/graded by other agencies | Not applicable |
| 38 | **English Department**<br><br>Strengths | • Experienced and committed faculty<br>• Updated syllabus<br>• Availability of Language lab and Audio – Video facility |
|    | Weaknesses | • Less motivated students from rural background |
|    | Opportunities | • To get minor/major projects to strengthen communicative skills of the rural students<br>• To focus on research<br>• To have special programmes for the normal learners |
|    | Challenges | • To hone the skills of the students to make them effective communicators |
| 39 | Future Plans of the Department | • Starting M.A., English Literature<br>• Networking with the feeder schools for better outcome of the students in plus two<br>• Increasing research and publications<br>• Training for competitive examinations. |

## DEPARTMENT OF HISTORY

| 1 | Name of the department and its year of establishment | History– 1980 |
|---|---|---|
| 2 | Programmes /Courses Offered | B.A. History<br>COC- 2004 |
| 3 | Interdisciplinary Courses and Departments involved | NIL |
| 4 | Annual/Semester/Choice Based Credit System | Semester and CBCS |
| 5 | Participation of the Department in the courses offered by other Departments | • Non-Major Elective for Arts students.<br>• Non-Major Elective for Science students.<br>• Self-Learning Courses for Arts and Science students<br>• COC: Tourism & Hospitality Management |

6. Number of teaching posts sanctioned and filled

| Aided | Designation | Regular | | Management | |
|---|---|---|---|---|---|
| | | Sanctioned | Filled | Sanctioned | Filled |
| | Associate Professor | 2 | 2 | - | - |
| | Assistant Professor | 2 | 1 | - | 1 |

7. Faculty Profile

| Name | Qualification | Designation | Specialisation | No. of years of experience in this college | No. of Ph.D. guided |
|---|---|---|---|---|---|
| Dr. R. Antony Paul Gnanasekar | M.A., M.Phil., Ph.D., M.C.J. | Associate. Professor& Head | Religious-Cultural History | 30 | 5 |
| Dr.M.S.Bernard Shaw | M.A., M.Phil., Ph.D., A.M.A. | Associate Professor | Socio-Cultural History | 27 | 5 |
| Mr. M.Francis Joseph | M.A., M.Phil., | Assistant Professor | Archaeology | 12 | - |
| Mr. P. Nallathambi (Management) | M.A., M.Phil., | Assistant Professor | Indian History | 2 | - |

| 8 | Percentage of classes taken by temporary faculty | **27** |
|---|---|---|
| 9 | Programme-wise Teacher-Student Ratio | 1:24 |
| 10 | Number of Academic support staff and administrative staff: Sanctioned and Filled | Nil |
| 11 | Number of Faculty with On-going Projects | One Minor Project<br>Dr. R. Antony Paul Gnanasekar |

| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Nil |
|----|----|----|
| 13 | Research Facility | Nil |
| 14 | Publications | National : 18 |
| | | International : Nil |
| | | Chapter in Books : 2 |
| | | Edited Books : 1 |
| | | Books with ISBN Number : 4 |
| 15 | Details of Patents and Income generated | Nil |
| 16 | Areas of Consultancy and Income generated | Nil |
| 17 | Faculty Recharging Strategies | Attending Conferences, Workshops, Refresher Courses and Seminars. |
| 18 | Student Projects | Nil |
| 19 | Awards/Recognitions Received | Nil |

20. Seminars/Conferences Organised:

| Date | Seminar | Funding Agency |
|----|----|----|
| 28th August 2008 | Sethu Samudram – Perspectives | UGC |
| 25th September 2009 | Racism – A Historical Overview | UGC |
| 31st August 2010 | Bhopalicide and the Aftermath | UGC |
| 28th September 2011 | The C-Words that imperil India | UGC |
| 29th September 2012. | Indian Agriculture – Yesterday and Today | UGC |

21. Student Profile

| Name of the Course | Year | Application Received | Selected | | Pass percentage | |
|----|----|----|----|----|----|----|
| | | | Male | Female | Male | Female |
| B.A. | 2008-09 | 83 | 50 | 11 | 75 | 80 |
| | 2009-10 | 91 | 44 | 14 | 43 | 67 |
| | 2010-11 | 73 | 35 | 5 | 73 | 91 |
| | 2011-12 | 55 | 26 | 10 | 43 | 55 |
| | 2012-13 | 36 | 19 | 17 | 46 | 25 |
| COC – Tourism and Hospitality Management | 2008-09 | 42 | 32 | 10 | 84 | 80 |
| | 2009-10 | 26 | 20 | 6 | 90 | 67 |
| | 20010-11 | 30 | 26 | 4 | 50 | 100 |
| | 2011-12 | 40 | 34 | 6 | 59 | 67 |

22. Diversity of Students

| Name of the Course B.A. History | % of Students from the same College | % of Students from the Same State | % of Students from Other States | % of Students from Other Countries |
|----|----|----|----|----|
| 2008-2011 | NA | 100 | Nil | Nil |
| 2009-2012 | | 97.68 | 2.32 | |
| 2010-2013 | | 95.11 | 4.89 | |
| 2011-2014 | | 100 | Nil | |
| 2012-2015 | | 85.3 | 14.7 | |

23 | Number of Students cleared Civil Services, NET, SLET, GATE, etc., | Nil

## 24. Student Progression

| Student Progression | Percentage Against Enrolled |
|---|---|
| UG to PG | 10 |
| PG to M.Phil/ | Nil |
| PG to Ph.D. | Nil |
| Ph.D to Post – Doctoral | Nil |
| Employed<br>Campus Selection<br>Other than Campus Recruitment | Nil<br>Nil |
| Entrepreneurs | |

| | | |
|---|---|---|
| 25 | Diversity of Staff | Staff from same university – 75%<br>Staff from other university within the State –25% |
| 26 | Number of Faculty who were awarded Ph.D, D.Sc and D.Litt during the assessment period | Nil |
| 27 | Infrastructural Facilities | Internet facilities for staff and students: Available<br>Total number of class rooms  : 3<br>Class rooms with ICT facility : 1<br>Students' Laboratories        :<br>Catering Lab |
| 28 | Number of Students of the department getting financial assistance from the College and other units | Management : 2 |
| 29 | Was any need assessment exercise undertaken before the development of new programmes? | No new programme has been developed during the assessment period. |
| 30 | Does the department obtain feedback from?<br>   a.  Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it? | Yes. Through Board of studies |
| |    b.  Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same? | Nil |
| |    c.  Alumni and employers on the programmes and what is the response of the department to the same? | Yes. The alumni suggested giving intensive coaching in English. Accordingly the department offers special classes out of class hours. |

| 31 | List the distinguished alumni of the Department | 1. | Mr. John Kingston, Cashier, SBI, Dindigul. |
|----|----|----|----|
| | | 2. | Mr. Maria Christopher, Project Coordinator, DRDA, Chennai. |
| | | 3. | Dr.Dhanasekaran, Asst. Professor, Govt. Arts College, Thiruverumpur, Trichy. |
| | | 4. | Ms.Sumathi, Asst. Professor, MSW, PMT College, Usilampatti. |
| | | 5. | Mr.Arivazhagan, Management Trainee, Meenakshi Mission Hospital, Madurai. |
| | | 6. | Mr. E. Prabusankar, Development Trainee, Action Aid India, New Delhi. |
| | | 7. | Mr. T. Krishnakumar, Management Trainee, (Sales), TVS (ALJD-SBO), Trichy. |
| | | 8. | Mr. P. Meenal Pandian, Lawyer, High Court, Madurai. |
| | | 9. | Mr. V. Akilarajan, Lawyer, High Court, Madurai. |
| | | 10. | Mr. D. Thanis, Area Manager, (Sales) Parle Agro Products Ltd, Madurai Region. |

32. Give details of student enrichment programmes with external experts

| Date | Programme | External Expert |
|------|-----------|-----------------|
| 20.3.2009 | A one day Workshop on English Communication Skills | Fr.Dr.Michael Jeyaraj, S.J., Former Provincial, Arul Anandar College. |
| 24.2.2010 | A one day Workshop on English Communication Skills | Ms. B.Annapurani, Asst. Prof., Department of English, Jeyaraj Annapackiam College for Women, Periyakulam. |
| 17.2.2012 | A one day Workshop on English Communication Skills | Ms.K.Keerthika, Asst. Prof. Department of English, P.M.T.College, Usilampatti. |
| 31.8.2010 | A one day State Level Seminar on Bhopalicide & The Aftermath | Prof. R.Kathiresasn (Rtd) Department of Commerce, Madurai Kamaraj University, Madurai. |

| | | |
|---|---|---|
| 28.9.2011 | A one day State Level Seminar on The 'C' Words that imperil India | Dr.I.Devesahayam, Director, IHRE, People's Watch, Madurai Mr.V.Krishna Iyer, Cheif Justice, Madurai. |
| 10.10.2012 | A one day State Level Seminar on Indian Agriculture– Yesterday & Today | Dr.C.Thomas, Asso. Prof. Department of History, E.V.R. Periyar Arts College, Trichirapalli. |
| 15.3.2012 | Guest Lecture on Crisis of Kudangulam | Ms. Arockia Mary, Social Activist, Member of All Tamil Women's Association, Karaikudi. |
| 1.3.2013 | Workshop on English Communication Skills | Mr.P. Maria Christopher, UNICEF Consultant, Chennai. |

| 33 | List the teaching methods adopted by the faculty | <ul><li>Lectures</li><li>Study Trips</li><li>Seminars</li><li>Audio-visual Sessions</li><li>Varaloviam – To document students' creative mind</li><li>Power point Presentations</li><li>OHP for Map Classes</li></ul> |
|---|---|---|
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | <ul><li>Analysis of assignments</li><li>Student seminars</li><li>Through class snap tests</li><li>Quiz programmes</li><li>Internal and External exams</li></ul> |
| 35 | Highlight the participation of students and faculty in extension activities | <ul><li>All the second year Major students take part in the compulsory extension programme ARISE.</li><li>ACHIEVE (Arul Anandar College History Integrated Extension for Village Development).</li><li>Organises quiz contests</li><li>Heritage walks for school students</li><li>Taking coaching classes for school students, encouraging school students to participate in workshops.</li><li>A Newsletter - TARIKH is published by the Department listing the activities of the programme.</li></ul> |
| 36 | Give details of 'beyond syllabus scholarly activities" of the department | Nil |

| 37 | State whether the programme/department is accredited/graded by other agencies | No |
|---|---|---|
| 38 | History Department | |
| | Strengths | • Well qualified faculty<br>• Fully equipped ICT teaching methods<br>• Catering and Video production courses for self-employment<br>• Competitive Examination – oriented Syllabus<br>• Exclusive extension programme - ACHIEVE |
| | Weaknesses | • No research focus<br>• Students with socio-economic problems<br>• Staff Strength not sufficient<br>• Financial aid insufficient |
| | Opportunities | • To serve the poor and needy<br>• To give quality education<br>• Integrated personality development<br>• Out of the syllabus exposure<br>• Extension activity available |
| | Challenges | • Many poor students [socio – economic]<br>• English communication barrier<br>• First generation learners<br>• Giving them all round growth |
| 39 | Future Plans of the Department | • Starting coaching classes for the Competitive Examinations like TNPSC<br>• Establishing a museum<br>• Promotion of folk arts of Tamil Nadu through a new course. |

# DEPARTMENT OF ECONOMICS

| 1 | Name of the department and its year of establishment | Economics - 1970 |
|---|---|---|
| 2 | Programmes /Courses Offered | B.A. Economics : 1970<br>M.A. Economics : 1984<br>M.Phil : 1990 (Self-Financed)<br>Ph.D : 2001<br>COC : 2004 |
| 3 | Interdisciplinary Courses and Departments involved | Nil |
| 4 | Annual/Semester/Choice Based Credit System | Semester and CBCS |
| 5 | Participation of the Department in the courses offered by other Departments | • UG: Fundamentals of Economics (Science Students)<br>• UG: Comparative Economic System for Arts Major<br>• NME for PG : Issues in Indian Economy<br>• History Major : General Economics (Allied)<br>• History Major : Indian Economy (Allied)<br>• COC – Marketing Management<br>• COC – Foreign Trade |

## 6. Number of teaching posts sanctioned and filled

| | Designation | Regular | | Management | |
|---|---|---|---|---|---|
| | | Sanctioned | Filled | Sanctioned | Filled |
| Aided | Associate Professor | 6 | 6 | - | - |
| | Assistant Professor | 4 | 4 | 1 | 1 |

## 7. Faculty Profile

| Name | Qualification | Designation | Specialisation | No. of years of experience in this College | No. of Ph.D. Guided |
|---|---|---|---|---|---|
| Dr. N. Murali | M.A., M.Phil., Ph.D. | Associate Professor.& Head | Fiscal Economics | 27 | 6 |
| Dr. M. J. Kennedy | M.A., M.Phil., Ph.D., MBA. | Associate Professor | International Economics | 26 | 7 |
| Dr. M. James Antony | M.A., M.Phil., B.Ed., Ph.D., MBA. | Associate Professor | Labour Economics | 25 | 5 |
| Dr. M. Joseph Selvaraj | M.A., M.Phil., Ph.D. | Associate Professor | Agricultural Economics | 21 | 5 |
| Dr. M. Jeyabal | M.A., M.Phil., B.Ed., PGDAE, Ph.D. | Associate Professor | Labour Economics | 14 | - |
| Dr. I. Jeyaraj | M.A., M.Phil., B.Ed., Ph.D. | Assistant Professor | Agricultural Economics | 13 | - |
| Dr. D. Antony Singh Dhas | M.A., M.Phil., Ph.D. | Assistant Professor | Labour Economics | 6 | - |

| Mr. D. Yuvaraj | M.A., | Assistant Professor | International Trade | 1 | - |
|---|---|---|---|---|---|
| Dr.K.Vennila | M.A., M.Phil., Ph.D. | Assistant Professor | Labour Economics | 1 | - |
| Dr. A. P. Ramabhai (Self-Financed) | M.A., M.Phil., Ph.D. | Assistant Professor | Fiscal Economics | 4 | - |

| **Commerce** | | | | | |
|---|---|---|---|---|---|
| Name | Qualification | Designation | Specialisation | No. of years of experience in this College | No. of Ph.D. guided |
| Dr.A.Michael Raj | M.Com., M.Phil., Ph.D. | Assistant Professor | Entrepreneur - ship | 1 | - |

| 8 | Percentage of classes taken by temporary faculty | 10 |
|---|---|---|
| 9 | Programme-wise Teacher-Student Ratio (2012- 13) | B.A Economics : 1:24<br>M.A Economics : 1:10<br>M.Phil. Economics : 1:9 |
| 10 | Number of Academic support staff and administrative staff: Sanctioned and Filled | Management Sanctioned : 1<br>Filled : 1 |
| 11 | Number of Faculty with On-going Projects | Dr. M. James Antony – ICSSR<br>Dr. M. James Antony – UGC<br>Dr. M. Jeyabal – UGC |
| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Nil |
| 13 | Research Centre Facility | Recognised Research Centre by Madurai Kamaraj University<br>Journal subscribed : 14<br>News Paper subscribed (Business Line) : 1<br>Rooms for Research Scholar : 1 |

14. Publications

| International Journal | 11 |
|---|---|
| National Journal | 7 |
| State Journal | 4 |
| Text Books | 4 |
| Edited Books | 2 |
| Papers published in Compiled/Edited Books | 25 |
| Article in News Papers | 2 |
| International Conference Volume | 2 |

| 15 | Details of Patents and Income generated | Nil |
|----|------------------------------------------|-----|
| 16 | Areas of Consultancy and Income generated | Dr.M.Jeyabal, Honorary Consultant on 'Biometric Technology in Attendance and Payroll' for J.J. Software, Tirupur<br><br>Dr.M.Joseph Selvaraj, Honorary Consultant to Loyola Academic And Technical Institution, Chennai, and Sri Sakthi Trust, Aiyampalayam, Dindigul District. |
| 17 | Faculty Recharging Strategies | • Attending Conferences, workshops and Seminars<br>• Refresher and Orientation Programmes<br>• Acquiring additional qualifications |
| 18 | Student Projects | Percentage of students who have done in-house projects including Inter-departmental (PG & M.Phil.) : 100%<br>Percentage of students doing projects in collaboration with industries / institutes: Nil |
| 19 | Awards/Recognitions Received at the National and International level | • ICSSR Research Grant for the Ph.D Scholar: Mrs. A. Pandiammal (2012-2013).<br>• Rajiv Gandhi Fellowship for SC/ST students was awarded to two research scholars: Mr. Kadarkari and Ms. Saranya Devi.<br>• Tamil Nadu State Council for Science and Technology (TNSCST) research grant was awarded to two scholars: Ms. N.Saira Banu and Mr.K.Subramianian.<br>• Dr. Maria John Kennedy received the Best Teacher Award in Economics in Tamilnadu" for 2010-2011 by Malcolm Adhiseshia Elizabeth Trust, Chennai.<br>• Dr. I. Jeyaraj received Achievement Award, 2011 by Samuha Seva Sangam, Madurai, for the service in Education and Society. |

## 20. Seminars, Conferences organised

| Name of the Seminar | Funding Agency | Year |
|---|---|---|
| Inclusive Growth & Indian Economy | UGC | 25$^{th}$& 26$^{th}$ March, 2009 |
| Global Financial Crisis and its Impact on Indian Economy | UGC | 28$^{th}$& 29$^{th}$ January, 2010 |
| Recent Insights in Economics | UGC | 10$^{th}$ to 12$^{th}$ March, 2010 |
| Analysis and Interpretation of Data in Research | UGC | 9$^{th}$ to 11$^{th}$ March, 2011 |
| Rationale for Second Green Revolution | UGC | 24$^{th}$ January, 2012 |
| FDI in Retail Sector | UGC | 9$^{th}$ January, 2013 |
| Innovative Strategies in Marketing the Manufactured Products by SHG | UGC | 7$^{th}$& 8$^{th}$ March, 2013 |

## 21. Student Profile

| Name of the Course | Year | Applications Received | Selected | | Pass Percentage | |
|---|---|---|---|---|---|---|
| | | | Male | Female | Male | Female |
| B.A. Economics | 2008-09 | 124 | 52 | 11 | 72 | 100 |
| | 2009-10 | 116 | 41 | 14 | 51 | 50 |
| | 2010-11 | 67 | 32 | 7 | 65 | 100 |
| | 2011-12 | 54 | 24 | 4 | 45 | 62 |
| | 2012-13 | 64 | 46 | 18 | 60 | 80 |
| M.A. Economics | 2008-09 | 32 | 10 | 4 | 100 | 100 |
| | 2009-10 | 17 | 8 | 3 | 44 | 100 |
| | 2010-11 | 27 | 15 | 5 | 75 | 100 |
| | 2011-12 | 30 | 18 | 7 | 73 | 100 |
| | 2012-13 | 19 | 13 | 6 | 40 | 100 |
| M.Phil. Economics | 2008-09 | 22 | 12 | 10 | 58 | 100 |
| | 2009-10 | 33 | 7 | 11 | 92 | 100 |
| | 2010-11 | 10 | 3 | 3 | 100 | 100 |
| | 2011-12 | 15 | 8 | 6 | 100 | 100 |
| | 2012-13 | 09 | 8 | 1 | - | - |
| COC–Marketing Management | 2008-09 | 69 | 53 | 16 | 98 | 94 |
| | 2009-10 | 59 | 43 | 16 | 51 | 88 |
| | 2010-11 | 43 | 29 | 14 | 69 | 86 |
| | 2011-12 | 53 | 49 | 4 | 72 | 100 |
| COC– Foreign Trade | 2008-09 | 37 | 33 | 4 | 79 | 100 |
| | 2009-10 | 30 | 25 | 5 | 84 | 100 |
| | 2010-11 | 40 | 23 | 17 | 35 | 76 |
| | 2011-12 | 58 | 25 | 33 | 72 | 97 |

22. Diversity of Students (2012-2013)

| Name of the Course | % of Students from the College | % of Students from the STATE | % of Students from Other States | % of Students from Other Countries |
|---|---|---|---|---|
| BA Economics | Not Applicable | 98 | 2 | Nil |
| M A Economics | 0 | 100 | Nil | Nil |
| M.Phil., Economics | 0 | 100 | Nil | Nil |

23   Number of Students cleared Civil      Three
     Services, NET, SLET, GATE, etc.,       Ms.N.Saira Bhanu - M.Phil.  (NET- 2011)
                                            Ms.S.Saranya Devi - M.Phil. (SET – 2012)
                                            Dr.V.Nirmal Rajkumar – Ph.D. (SET – 2012)

24. Progression

| Student Progression | % Against Enrolled | | | |
|---|---|---|---|---|
| | 2008-2009 | 2009-2010 | 2010-2011 | 2011-2012 |
| UG to PG | 22.2 | 27 | 37.5 | 38.2 |
| PG to M.Phil. | 40 | 21 | 45 | 20 |
| M.Phil. to PhD | 4.5 | 11.1 | 16.7 | 35.7 |
| Ph.D. to Post-Doctoral | Nil | Nil | Nil | Nil |
| **Employed** | | | | |
| Campus Selection | Nil | Nil | Nil | Nil |
| Other than Campus Selection | 30.8 | 22.1 | 32.1 | 37.1 |
| Entrepreneurs | 11.1 | 6.4 | 7.8 | 7.3 |

| 25 | Diversity of Staff | Same parent university          - 45% <br> Other university within the State      - 55% <br> Other universities from other States -  Nil |
|---|---|---|
| 26 | Number of Faculty who were awarded Ph.D. during the assessment period | Two <br> Dr. A. Michael Raj, Madurai Kamaraj University, September, 2012 <br> Dr.D.Antony Singh Dhas, Madurai Kamaraj University, March, 2013 |
| 27 | Infrastructural Facilities | Department Library with one newspaper and fourteen Journals <br> Internet facilities for staff and students <br> Total number of class rooms   : 6 <br> Class rooms with ICT facility : 1 <br> Students' Laboratories        : Not applicable <br> Research Laboratories        : Not applicable |
| 28 | Number of Students of the department getting financial assistance from the College and other units | 7 |

| 29 | Was any need assessment exercise undertaken before the development of new programmes? | No new programme has been developed during the assessment period. |
|---|---|---|
| 30 | Does the department obtain feedback from? | |
| | Faculty on curriculum as well as teaching-learning evaluation? | • Periodical department meetings<br>• Evaluation meeting at the end of every semester |
| | Students on staff, curriculum as well as teaching-learning-evaluation | Off –Campus evaluation |
| | Alumni and Employers | Oral feedback collected from Alumni during the Alumni meeting on yearly basis |
| 31 | List the distinguished alumni of the Department | • Mr. Krishnamoorthy, Proprietor, Mary Fashion Impex, Export Unit, Thiruppur.<br>• Mr. R. Siva Sankar, Proprietor, Muthura Bankers, Thenkasi (3 branches).<br>• Mr. Elangovan, Proprietor, M. Global Solutions, Madurai.<br>• Mr. Tamilazhagan, Chairman, Thirumangalam Union.<br>• Mr. Pommayan, Star Agent, LIC, Madurai.<br>• Dr. Thiruppa, Correspondent, Padma Ramasamy Matric School, Aundipatti, Theni District.<br>• Mr. Anbarasan, System Engineer, TCS, Chennai<br>• Ms. U.S.Bharathi, City Head, Ultra Tech Cement  LTD, Chennai.<br>• Dr. Maria Saleth, Director, Madras Institute of  Development Studies, Chennai.<br>• Mr.Arockia Raj, Reporter, *Times of India*, Madurai.<br>• Mr.Saravana Kumar, President, Youth Congress, Theni Parlimentary Constituency. |
| 32 | Give details of student enrichment programmes with external experts | • Special lectures are organised every year with external subject experts.<br>• National level workshop and seminar are organised every year<br>• Presentation of project proposal by M.A. and M.Phil., students in research |

| | | | External Experts: |
|---|---|---|---|
| | | | 1. Dr.H.B.N. Shetty<br>Former Secretary, Government of Tamil Nadu.<br>2. Dr.Maria Saleth,<br>Director, Madras Institute of Development Studies.<br>3. Dr.Rama Gopal,<br>Prof. of Economics, Annamalai University, Chidambaram.<br>4. Dr.Selvaraj,<br>Former President, MADITSSIA, Madurai.<br>5. Dr.Renga Reddy,<br>Emeritus Professor, Shri Venkateshwara University. Tirpathi.<br>6. Dr.Iyyampillai<br>Prof & Head, Department of Economics, Bharathidasan University.<br>7. Dr.Archunan<br>Professor & Head, Department of Economics, Annamalai Universtiy.<br>8. Dr.Vijaya Mohanan Pillai,<br>Professor in Economics, Centre for Development Studies.<br>9. Dr.Hariharan,<br>Co-ordinator, School of Economics, Madurai Kamaraj University.<br>10. Dr. Mohana Sundaram,<br>Associate Professor & Head, P.S.G. Arts College, Coimbatore. |
| 33 | List the teaching methods adopted by the faculty | | • Lectures<br>• Student seminar<br>• Group Discussions<br>• Power Point Presentations<br>• Net-Based Assignments |
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | | • Analysis of Assignments<br>• Periodical department meetings<br>• Through Class Tests (Unit Test)<br>• Evaluation meeting at the end of every semester<br>• Internal and External assessment exams<br>• Feedback from mentor |
| 35 | Highlight the participation of students and faculty in extension activities | | • Dr.I.Jeyaraj and Dr. D. Antony Singh Dhas are the Programme Officers in NSS |

| 36 | Give details of 'beyond syllabus scholarly activities" of the department | <ul><li>All the faculty members and II year UG students are involved in ARISE</li></ul> |
|---|---|---|
| | | <ul><li>NET/SLET Coaching classes</li><li>Encouraging and training students to present papers in conferences/seminars</li><li>Promotion of extra-curricular and co-curricular activities among students</li><li>Consultant for research scholars from other colleges</li><li>Students' participation in the Inter-Collegiate Competitions organised by other colleges.</li></ul> |
| 37 | State whether the programme/department is accredited/graded by other agencies | Not Applicable |
| 38 | **Economics Department** | |
| | Strengths | <ul><li>Research Centre</li><li>Quality Infrastructure</li><li>90% of the Faculty members are Ph.D. Holders</li><li>4 faculty members are Ph.D. Guides</li><li>2 faculty members have cleared SLET</li><li>3 faculty members are MBA(additional) Degree holders</li><li>1 faculty member has acquired additional degree in Education</li><li>Publication of books by reputed National publishers</li></ul> |
| | Weaknesses | <ul><li>Disparity between staff in research and publication.</li></ul> |
| | Opportunities | <ul><li>Best coaching for competitive examinations</li><li>Departmental Projects.</li><li>Multi-disciplinary projects.</li></ul> |
| | Challenges | <ul><li>Getting quality students as input</li><li>Converting existing class rooms into smart class rooms.</li></ul> |
| 39 | Future Plans of the Department | <ul><li>Coaching centre for major competitive examinations.</li><li>Resource centre for advanced research.</li><li>Departmental Audit</li><li>Post-Doctoral Research</li></ul> |

# DEPARTMENT OF PHILOSOPHY

| 1 | Name of the department and its year of establishment | Philosophy – 1970 |
|---|---|---|
| 2 | Programmes /Courses Offered | B.A. Philosophy (1970)<br>M.A. Philosophy (1986)<br>Ph.D. (Part-Time) (Since 2000) |
| 3 | Interdisciplinary Courses and Departments involved | Nil |
| 4 | Annual/Semester/Choice Based Credit System | Semester and CBCS |
| 5 | Participation of the Department in the courses offered by other Departments | UG: Professional Ethics for Science Majors<br>UG: Study Skills and Philosophical Methods of Reasoning for Arts Major<br>NME for PG : Logic and Test of Reasoning<br>Self Learning Courses to Arts/Science Departments |

## 6. Number of teaching posts sanctioned and filled

| Aided | Designation | Regular | | Management | |
|---|---|---|---|---|---|
| | | Sanctioned | Filled | Sanctioned | Filled |
| | Associate Professor | 04 | 04 | - | - |
| | Assistant Professor | 05 | 02 | - | 3 |

## 7. Faculty Profile

| Name | Qualification | Designation | Specialisation | No. of years of experience in this college |
|---|---|---|---|---|
| Dr.S.Lourdunathan | M.A., M.Phil., M.A.(Pol.Sci), Ph.D. | Associate Professor & Head | Philosophy of Liberation | 26 |
| Dr.S.Vanathu Antoni | M.A., M.A.(Eng), M.A. (Soc), M.Sc., (Psy), M.Phil., Ph.D. | Associate Professor | Eco-Consciousness-Science-Religion Engagement | 25 |
| Fr.Peter Amaladoss | M.A., M.Phil., | Associate Professor | Ethics of Emmanuel Levinas & St.Paul and Christian Studies | 24 |
| Dr. M. George Joseph | M.A., M.Phil., Ph.D. Dip. In Sanskrit. | Associate Professor | Marxism and Cultural Studies | 21 |
| Dr. S. Seshuraja | M.A., Ph.D. | Assistant Professor | Ethics | 13 |
| Fr. S.Basil Xavier | M.A., M.Phil., | Assistant Professor | Anthropology | 13 |
| Fr. A.Irudayaraj | M.A., M.Phil., | Assistant Professor (Management Staff) | Tribal Studies | 08 |
| Mr. H.Lourduraj | M.A., | Assistant Professor (Management Staff) | Periyar Studies | 04 |
| Fr. Anto Nelson | M.A., | Assistant Professor (Management Staff) | Metaphysics | 01 |

| 8 | Percentage of classes taken by temporary faculty | 33% |
|---|---|---|
| 9 | Programme-wise Teacher-Student Ratio (2012- 13) | 1: 8  (UG + PG ) |
| 10 | Number of Academic support staff and administrative staff: Sanctioned and Filled | Nil |
| 11 | Number of Faculty with On-going Projects | One<br>On-going UGC Major Research Project since 2013 |
| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Nil |
| 13 | Research Facility | • Two staff members are recognised guides by Madurai Kamaraj University to guide part-time Ph.D. candidates<br>• No of Ph.D. Registered Scholars – 06(Part-Time) |
| 14 | Publications | National (Articles)          : 10<br>International               : 13<br>Chapter(s) in Book       : 07<br>Editing Books & Journals   : 03<br>Books                    : 02 |
| 15 | Details of Patents and Income generated | Nil |
| 16 | Areas of Consultancy and Income generated | Offers Honorary Academic Consultancy as Visiting Professor:<br>1. Dr.S.Lourdunathan to St. Joseph's Philosophical College, Kotagiri, Ooty.<br>2. Dr.S.Lourdunathan to Claretian Ashram Philosophy College, Wardha, Maharashtra.<br>3. Dr.S.Lourdunathan to Tamilnadu Theological Seminary, Madurai.<br>4. Dr.S.Lourdunathan to St. Paul's Seminary, Madurai.<br>5. Dr.S.Lourdunathan serves as a Research consultant for Dalit Resource Centre, Tamilnadu Theological Seminary, Madurai.<br>6. Dr.S. Lourdunathan offers Academic Consultancy to revamp Philosophy Curriculum on par with International standards in the Universities of Tamilnadu (2013).<br>7. Fr.Peter Amaladoss to Schoenstatt Philosophy College, Madurai. |

| | | |
|---|---|---|
| | | 8. Fr.Peter Amaladoss offers consultancy as the Dean of Studies at SMA Philosophy College, Madurai. |
| | | 9. Dr.S.Seshuraja to Schoenstatt Philosophy College, Madurai. |
| | | 10. Fr. Basil Xavier. S.J., offers academic consultancy as a visiting professor at Carmel Philosophy College, Faridabad, Delhi. |
| | | 11. Fr. Basil Xavier.S.J., offers academic consultancy as a visiting professor to St. Joseph's Philosophical College, Kotagiri, Ooty. |
| | | 12. Fr. A. Irudayaraj offers academic consultancy as a visiting professor at St. Joseph's Philosophical College, Kotagiri, Ooty. |
| 17 | Faculty Recharging Strategies | 1. Periodical Faculty Seminars - Unique programme of the Department of Philosophy wherein the faculty members periodically present research papers (usually outside the college working-hours) followed by discussion, which enables the faculty to research potential and better academic quality. <br> 2. Presentation of Papers at National Seminars: Dept. Faculty is regularly involved in presentation of papers in seminars/conferences which in turn leads to research publications. <br> 3. Faculty is felicitated to attend Refresher Courses depending upon the requirements. |
| 18 | Student Projects | Percentage of students who have done in-house projects including Inter-departmental (PG): **100%** Percentage of students doing projects in collaboration with industries / institutes: Nil |
| 19 | Awards/Recognitions Received | Nil |
| 20 | Seminars, Conferences , Guest Lectures Organised | Three types of Programmes: <br> (i) International Seminars (ii) National Seminars (iii) State Level Programmes. |

| | | | International Programmes: |
|---|---|---|---|
| | |  | Conference:<br>1. A Two Day International Conference on "*Re-imaging the Face of the other. Dalit Cultural Politics*" (Alumni Spons.) on 21<sup>st</sup> and 22<sup>nd</sup> July 2011.<br>2. A Two Day International Seminar on "*Eastern Rationality: Trends and Relevance in a Technocratic Society*" on 19<sup>th</sup>&20<sup>th</sup>, Jan, 2012.<br>Training Series:<br>3. Two Week Training *cum* Educational Exposure Programme organised by the department from 9-1-2012 to 24-1-2012 to International Students of Winchester University.<br>4. Five Day Training on *Reflexio Therapy* on 4-10 Jan 2012 for Winchester University Students. |
| | | | Guest Lecture Series<br>5. International Guest Lecture on *Religious Plurality* delivered by Dr. Yim Tesuon on 3<sup>rd</sup> August, 2011.<br>6. International Guest Lecture on *Indian Social Politics and Ambedkar Discourse* delivered by Dr. S. Lourdunathan to scholars of BCA |
| | | | 7. Study Programme abroad-Boston Students, USA at the dept on 20<sup>th</sup> June, 2011.<br>8. International Guest Lecture on *Interplay of Social Theories*, delivered by Dr. Solomon, Professor of Sociology, Claffin University, USA, on23<sup>rd</sup> June, 2011.<br>National Seminars / Conferences<br>9. A Two Day ICPR (sponsored) National Seminar on "*Consciousness Embodied and/or Constructed Reality: An inquiry into the Indian and European Philosophical Traditions*" on 1<sup>st</sup> and 2<sup>nd</sup> September 2008.<br>10. A Two Day National Seminar on "*Ideological Conflicts in Society*" (UGC Autonomy Grant) on 22<sup>nd</sup>&23<sup>rd</sup> February, 2011. |

| | 11. A one day Commemorative National Conference on Raimundo *Panikkar* 27.11.2011. |
| | 12. A one day ICPR National Seminar on *Phenomenology* delivered by Dr. Kerstin Neuman (West Germany)on 12th February, 2013. |
| | 13. A Two Day National Conference, Indian Institute of Advanced Study, Shimla, spons., *Social Epistemology & Ethics for Dalit Emancipatory Discourse* on 22-23, March, 2013. |
| | State Level Programme |
| | 14. A one day State level Seminar on *Death Punishment: Denial of Democracy*, in collaboration with Evidence NGO, Madurai on 14th September, 2011. |

21. Student Profile - UG

| Year | Applications Received | Selected | | Pass Percentage (%) | |
|---|---|---|---|---|---|
| | | Male | Female | Male | Female |
| 2008 – 09 | 32 | 31 | NIL | 100 | NA |
| 2009 – 10 | 36 | 32 | NIL | 100 | NA |
| 2010 – 11 | 14 | 14 | NIL | 100 | NA |
| 2011 – 12 | 26 | 22 | NIL | 94 | NA |
| 2012 - 13 | 26 | 26 | NIL | 100 | NA |

Student Profile - PG

| Year | Applications Received | Selected | | Pass Percentage (%) | |
|---|---|---|---|---|---|
| | | Male | Female | Male | Female |
| 2008 – 09 | 13 | 13 | NIL | 100 | NA |
| 2009 – 10 | 5 | 5 | NIL | 85 | NA |
| 2010 – 11 | 3 | 3 | NIL | 100 | NA |
| 2011 – 12 | 8 | 8 | NIL | 50 | NA |
| 2012 - 13 | 8 | 8 | NIL | 80 | NA |

22. Diversity of Students

Students hail from different States (Orissa, West Bengal, Kerala, Andhra, Tamil Nadu, Sri Lanka & Africa.

| Name of the Course B.A. Philosophy | % of students from the College | % of students from the State | % of students from other States | % of students from other countries |
|---|---|---|---|---|
| 2008-2009 | NA | 48% | 52% | Nil |
| 2009-2010 | NA | 58% | 36% | 6% |
| 2010-2011 | NA | 38% | 62% | Nil |
| 2011-2012 | NA | 33% | 58% | 9% |
| 2012-2013 | NA | 39% | 52% | 9% |

| Name of the Course M.A. Philosophy | % of students from the College | % of students from the State | % of students from other States | % of students from other countries |
|---|---|---|---|---|
| 2008-2009 | Nil | 82% | 18% | Nil |
| 2009-2010 | 67% | 33% | Nil | Nil |
| 2010-2011 | Nil | Nil | 100% | Nil |
| 2011-2012 | 80% | 20% | Nil | Nil |
| 2012-2013 | 89% | Nil | 11% | Nil |

| 23 | Number of Students cleared Civil Services, NET, SLET, GATE, etc., | TWO 1. Mr. T. Suresh Thomas – NET – 2006 2. Mr. A. Spencer Jeice – SET – 2012 |
|---|---|---|

24. Student Progression

| Students Progression | Percentage Against Enrolled | | | |
|---|---|---|---|---|
| | 2008-09 | 2009-10 | 2010-11 | 2011-12 |
| UG to PG | 9 | 9 | 10 | 6 |
| PG to M.Phil | Nil | | | |
| PG to Ph.D | Nil | | | |
| Ph.D. to Post – Doctoral | Nil | | | |
| Employed • Campus selection • Other than campus recruitment | Nil Nil | | | |
| Entrepreneurs | Nil | | | |

| 25 | Diversity of Staff | Same Parent university – 33.3% Other University within the State – 33.3% From other Universities in other States – 33.3% |
|---|---|---|
| 26 | Number of Faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period | Nil |
| 27 | Infrastructural Facilities | Internet facilities for staff and students: Available Total number of class rooms : 05 Class rooms with ICT facility : 01 Spacious Faculty Room : 01 Record Maintenance Cupboards : 04 |
| 28 | Number of Students of the department getting financial assistance from the College and other units | Management : ELEVEN UGC : TWO 1. Mr. K. Reegan – P G Merit Scholarship for Rank Holders (2012-2014) – UGC – February, 2013. |

| | | | 2. Mr. T.Arokia Viknesh– P G Merit Scholarship for Rank Holders (2012-2014) – UGC – February, 2013. |
|---|---|---|---|
| 29 | Was any need assessment exercise undertaken before the development of new programmes? | | No new programme has been developed during the assessment period. |
| 30 | Does the department obtain feedback from?<br><br>Faculty on curriculum as well as teaching-learning evaluation? | | • Department Meetings – Periodical<br>• Programme Evaluations Forms<br>• Board of Studies Meetings<br>• Comprehensive Exam Pattern s (Oral & Written)<br>All contribute to continuous revitalization strategies |
| | Students on staff, curriculum as well as teaching-learning-evaluation | | No |
| | Alumni and Employers on the programmes | | • Rectors/Parents Meetings once in a year |
| 31 | List the distinguished alumni of the Department | | • Dr. Sathiyaprakash T Ramdoss Assistant Professor, New Mexico State University  Las Cruces, NM 88003-0001.U.S.A. sathiya.ramdoss@mail.utexas.edu<br>• Fr. Patrickson, Petere Amalai, - Indian Delegate for SMA   Religious Order.<br>• Dr. P.A.Sekar Sebastian-Professor and Dean of Studies, Sacred Heart Philosophy College, Chennai.<br>• Fr. Vincent Anaesthasiar, ir-Provincial Superior of Claretian Province, Chennai.<br>• Fr. Jeyabalan, SS-Deputy Secretary, TASSOS, Tiruchy.<br>• Fr.Britto Amalanathan-Research Scholar, France.<br>• Fr. Xavier Arulraj- Advocate & Secretary, Minority Commission, Tamilnadu.<br>• Dr. Siluvai, Heks, India, Consultant (Funding Agency), Chennai.<br>• Fr. Lawrence Xavier- Principal, Community College, Kanyakumari. |

**32. Give details of student enrichment programme with external experts**

| Date | Title of the Programme | External Expert |
|---|---|---|
| 19th & 28th January 2012 | "Eastern Rationality: Trends and Relevance in a Technocratic Society" | Dr.S.Paneer Selvam, Head & Professor, Department of Philosophy, University of Madras. |
| | | Dr.R.Murali, Principal, Madura College, Madurai. |
| | | Dr.Sree Kala.M.Nair, Department of Philosophy, Sri Sankaracharya University, Kalady, Kerala |
| | | Dr.N.Muthumohan, Professor & Head, Department of Gurunanak Studies, M.K.university. |
| | | Dr.Uma Maheshwari, Principal, Dr.MGR.Janaki Arts & Science College, Chennai. |

| | | |
|---|---|---|
| 33 | List the teaching methods adopted by the faculty | • ICT enabled teaching tools for most subjects.<br>• Mortuary visit for the Course on Anthropology.<br>• Temple visit for the Course on Indian Philosophy and Aesthetics.<br>• Film Presentations for Courses related to Ethics, Social and Western Philosophy.<br>• Discussion and debate both in class room and Association Meetings.<br>• Presentation of assignments by students for all the courses.<br>• Educational exposure and Participation seminars to other institutes mostly for PG and Final year UG students. |
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | • Through Continuous Internal Assessment Tests, Assignments, Presentations, Class/ Group work.<br>• Comprehensive Oral Examination conducted at the end of every Academic Year and End Semester Examinations. |
| 35 | Highlight the participation of students and faculty in extension activities | • ARISE, YRC, ROTARACT, Consumer Club, Nature Club-Students' Membership in any one of the Extension Activities of the College is compulsory and treated as Part-V paper.<br>• Department staff Member Dr. M. George Joseph serves as Co-ordinator for YRC and Foundation Course.<br>• Fr.Irudayaraj serves as co-coordinator for ARISE.<br>• Prof.H.Lourduraj serves as course teacher for Foundation Course. |

| 36 | Give details of beyond syllabus scholarly activities of the department | • Students Participation at Cultural Programmes, Extracurricular activities, Seminars at different educational institutes.<br>• Annual Visit to Heritage centers and Govt. Rajaji Hospital, Madurai.<br>• Staff and Students' Participation in Academic Seminars, Guest lectures.<br>• Exposure tour programmes arranged to meet scholars in Philosophy. |
|----|----|----|
| 37 | State whether the programme /department is accredited/graded by other agencies | No |
| 38 | Philosophy Department<br><br>Strengths | • Department has specific Vision Statement: Integral Formation for Social Transformation through Philosophy and Research Communication - Academic Programmes are equipped towards this Vision.<br>• Specific Academic Planner of the dept.<br>• Publication of Episteme News Letter (Annual) consolidates the academic performance of the department.<br>• Qualitative and relevant Syllabus<br>• Multi-Cultural Students' Presence of students enables inter-cultural learning experience.<br>• The Overall Performance (Results) of the Students: 95% of students do pass the examinations, of whom almost 80% score first class.<br>• Conduct of regular Philosophy Association Meetings in Groups enhances greater participation of Students to academic activities beyond the syllabi.<br>• Student Enrichment Programmes: Guest Lecture Series, National Seminars & Entry, Exit Level Training Programmes.<br>• Conduct of Comprehensive Examination: Oral & Written annually.<br>• Higher Education Bodies like Indian Council of Philosophical Research and Indian Institute of Advanced Study, Shimla, recognize our faculty to hold research oriented programmes at National level.<br>• Faculty Participation at Faculty Seminars and National level Seminars.<br>• Faculty being invited as Resource persons/visiting professors at National level.<br>• ICT enabled teaching Methods used by Faculty. |

| | | Weaknesses | • Decrease of students 'strength to philosophy<br>• Though publication of Articles and Seminar Presentations are many the number of authorship of books needs to be increased.<br>• Financial constraints to subscribe international journals. |
|---|---|---|---|
| | | Opportunities | • Qualitative Teaching with well-prepared course materials<br>• Greater scope for exercise of Research potential<br>• Opportunity to channelize inter personal relationship of Staff and Students and Parents & Management<br>• More space for Students' Projects and Programmes<br>• Alumni at National/ International Presence<br>• Inter-institutional exposure to students through Educational tour programme.<br>• To introduce interdisciplinary/optional programmes.<br>• Undertaking more research projects within the college-level teaching demands |
| | | Challenges | • Matching the classroom teachings at UG and PG level with higher research aspirations<br>• Students' interest to complete the course and not necessarily to research undertakings in the subject area. |
| 39 | Future Plans of the Department | | 1. To become a Research Centre.<br>2. Enabling the Staff to undertake National Level Research Projects leading to quality publications.<br>3. To study the possibility to get international journals.<br>4. To offer training courses in Reflexology and Social Counselling. |

# DEPARTMENT OF MATHEMATICS

| 1 | Name of the department and its year of establishment | Mathematics -1970 |
|---|---|---|
| 2 | Programmes /Courses Offered | B.Sc., Mathematics<br>B.Sc., Mathematics(SF) – 2004<br>M.Sc., Mathematics(SF) – 2005 |
| 3 | Interdisciplinary Courses and Departments involved | Nil |
| 4 | Annual/Semester/Choice Based Credit System | Semester and CBCS |
| 5 | Participation of the Department in the courses offered by other Departments | • Allied Mathematics for the aided programmes (U.G. Physics and Chemistry)<br>• Non-Major Elective : Mathematics for Competitive Examinations for Arts<br>• Non-Major Elective : Operations Research Techniques for Science Departments<br>• Core : Mathematical Statistics for B.Sc. Food Science and Technology.<br>• Non-Major Elective : Mathematics for Life for other M.Sc. Physics and MCA students.<br>• Core Paper for MCA: Mathematical Foundations of Computer Science<br>• Self-Learning Courses for Arts and Science students |

6. Number of teaching posts sanctioned and filled

| | Designation | Regular | | Management | |
|---|---|---|---|---|---|
| | | Sanctioned | Filled | Sanctioned | Filled |
| Aided | Associate Professor | 2 | 2 | - | - |
| | Assistant Professor | 3 | 2 | - | 1 |
| | | Regular | | Management | |
| | | Sanctioned | Filled | Sanctioned | Filled |
| Self-Financed | Associate Professor | - | - | - | - |
| | Assistant Professor | - | - | 8 | 8 |

## 7. Faculty Profile

| Name | Qualification | Designation | Specialisation | No. of years of exp. in this college |
|------|--------------|-------------|----------------|--------------------------------------|
| **AIDED** | | | | |
| Dr.T.Salai Parkunan | M.Sc., M.Phil., M.Ed., PGDCA, MCA, M.Phil.(CS), Ph.D. | Associate Professor & Head | Topology | 35 |
| Dr.M.Joseph Israel | M.Sc., M.Phil., PGDCA, MCA, Ph.D. | Associate Professor | Topology | 30 |
| Mr.J.Xavier Adaikalaraj | M.Sc., M.Phil., PGDCA | Assistant Professor | Differential Equations | 12 |
| Mr.J.Robert Dhiliban | M.Sc., M.Phil. | Assistant Professor | Complex Analysis | 5 |
| Ms.W.Sahaya Thivya (Management Staff) | M.Sc., B.Ed. | Assistant Professor | Real Analysis | 1 |
| **Self-Financed** | | | | |
| Mr.M.Sajan Joseph | M.Sc., M.Phil., B.Ed., PGDCA | Assistant Professor | Topology | 6 |
| Mrs. I. Pradeepa | M.Sc., M.Phil. | Assistant Professor | Differential Equations | 5 |
| Ms.B.Kaleeswari | M.Sc., M.Phil., PGDCA | Assistant Professor | Topology | 4 |
| Mr.A.Gnana Arockiam | M.Sc., M.Phil., M.Ed. | Assistant Professor | Graph Theory | 1 |
| Ms. R. Yogarani | M.Sc., M.Phil., | Assistant Professor | Differential Equations | 1 |
| Ms.A.Amala Priya | M.Sc., M.Phil., | Assistant Professor | Graph Theory | 1 |
| Mr. A. Antony George | M.Sc., M.Phil., | Assistant Professor | Real Analysis | 1 |
| Ms.J.Johnsi | M.Sc., B.Ed., | Assistant Professor | Topology | 1 |

| | | |
|---|---|---|
| 8 | Percentage of classes taken by temporary faculty | 20% ( Aided Programme) Nil (SF) |
| 9 | Programme-wise  Teacher-Student Ratio (2012- 13) | UG   : 1:35   PG   : 1:13 |
| 10 | Number of Academic support staff and administrative staff: Sanctioned and Filled | Nil |
| 11 | Number of Faculty with On-going Projects | Nil |
| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Nil |
| 13 | Research Facility | Nil |

| 14 | Publications | National              : 4<br>International       : 34<br>International Proceedings : 8<br>Books               : 2<br>Chapter(s) in Books   : Nil<br>Editing Books       : Nil |
| 15 | Details of Patents and Income generated | Nil |
| 16 | Areas of Consultancy and Income generated | Dr.T.Salai Parkunan and Dr.M.Josph Israel Associate Professors, offer honorary consultancy to other Colleges on College Autonomy, Accreditation and Academic Audit. |
| 17 | Faculty Recharging Strategies | • Attending Conferences, Workshops and Seminars<br>• Participation/Paper Presentation in State/National level Seminars and Conferences |
| 18 | Student Projects<br>   • Percentage of students who have done in-house projects including inter-departmental<br><br>   • Percentage of students doing projects in collaboration with industries / institutes | 100% - All final year PG Mathematics students' projects<br><br>Nil |
| 19 | Awards/Recognitions Received | Dr.M.Lellis Thivagar, Department of Mathematics, was awarded Tamil Nadu Scientist Award (TANSA) – for the year 2008 by Tamil Nadu State Council for Science and Technology (TNSCST), in 2009. (He has since joined Madurai Kamaraj University) |

20. Seminars, Conferences Organised

| S.No. | International / National / State | Theme | Date | Source of funding |
|-------|----------------------------------|-------|------|-------------------|
| 1 | National | Emerging Trends in Modern Topology | 22.02.2011 | UGC |
| 2 | State | Career Vista for Mathematicians | 16.03.2009 | UGC |
| 3 | State | New Insights in Modern Topology | 01.03.2010 | UGC |
| 4 | State | Emerging Trends in Applied Mathematics | 08.03.2010 | UGC |
| 5 | State | Emerging Trends in Mathematics | 01.03.2012 | UGC |
| 6 | State | New Frontiers in Mathematics | 07.02.2013 | UGC |

### 21. Student Profile

| Name of the Course (refer question no. 2) | Applications received | Selected Male | Selected Female | Pass percentage Male | Pass percentage Female |
|---|---|---|---|---|---|
| **B.Sc., Mathematics (Aided)** | | | | | |
| 2008-09 | 130 | 36 | 19 | 47 | 93 |
| 2009-10 | 176 | 34 | 19 | 93 | 100 |
| 2010-11 | 147 | 26 | 32 | 88 | 89 |
| 2011-12 | 131 | 21 | 43 | 66 | 71 |
| 2012-13 | 60 | 25 | 35 | 83 | 97 |
| **B.Sc., Mathematics (Self-Financed)** | | | | | |
| 2008-09 | 24 | 15 | 08 | 71 | 100 |
| 2009-10 | 63 | 44 | 14 | 71 | 80 |
| 2010-11 | 52 | 31 | 11 | 47 | 88 |
| 2011-12 | 122 | 35 | 25 | 50 | 85 |
| 2012-13 | 45 | 25 | 20 | 60 | 82 |
| **M.Sc., Mathematics (Self-Financed)** | | | | | |
| 2008-09 | 4 | 03 | 01 | 80 | Nil |
| 2009-10 | 20 | 10 | 07 | 50 | 100 |
| 2010-11 | 34 | 22 | 05 | 100 | 86 |
| 2011-12 | 21 | 13 | 06 | 38 | 60 |
| 2012-13 | 34 | 18 | 16 | 73 | 50 |

### 22. Diversity of Students

| Name of the Course (refer question no. 2) | % of Students from the College | % of Students from the State | % of Students from other States | % of Students from Other Countries |
|---|---|---|---|---|
| B.Sc. Mathematics (Aided) | - | 98% | 2% | Nil |
| B.Sc., Mathematics (Self-Financed) | | 100% | Nil | Nil |
| M.Sc., Mathematics (Self-Financed) | 08-09…...Nil<br>09-10......31%<br>10-11…..54%<br>11-12…..47%<br>12-13......50% | 100% | Nil | Nil |

23  Number of Students cleared Civil Services, NET,          Nil
    SLET, GATE etc

### 24. Student Progression

| Student progression | Percentage Against Enrolled |
|---|---|
| UG to PG | 41% |
| PG to M.Phil. | 10% |
| PG to Ph.D. | Nil |
| Ph.D. to Post-Doctoral | Nil |
| Employed<br>• Campus selection<br>• Other than campus recruitment | <br>Nil<br>Nil |
| Entrepreneurs | Nil |

## 25. Diversity of Staff

| Aided | |
|---|---|
| Percentage of faculty who are graduates: | |
| (a) of the same parent university | 40% |
| (b)from other universities within the State | 60% |
| (c)from other universities from other States | Nil |
| **Self-Financed** | |
| Percentage of faculty who are graduates: | |
| (a)of the same parent university | 13% |
| (b)from other universities within the State | 87% |
| (c)from other universities from other States | Nil |

| | | |
|---|---|---|
| 26 | Number of Faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period | Two - Ph.D<br>Dr.T.Salai Parkunan, Manonmaniam Sundaranar University, 2012.<br>Dr.M.Joseph Israel, Madurai Kamaraj University, 2012 |
| 27 | Infrastructural Facilities | Internet facilities for staff and students: Available<br>Total number of class rooms : 8<br>Class rooms with ICT facility:1 |
| 28 | Number of Students of the department getting financial assistance from the College and other units | 32 |
| 29 | Was any need assessment exercise undertaken before the development of new programmes? | No new programme has been developed during the assessment period. |
| 30 | Does the department obtain feedback from? | |
| | Faculty on curriculum as well as teaching-learning evaluation? | Through monthly department meetings Board of Studies Meeting |
| | Students on staff, curriculum as well as teaching-learning-evaluation | Nil |
| 31 | List the distinguished alumni of the Department | 1. Dr.G.Sethuraman, Ph.D., Associate Professor, College of Engineering, Anna University, Chennai.<br>2. Mr.M.Nagalingam, Chairman, Nagasiva Polytechnic College, Madurai.<br>3. Dr.S.Nagarathinam, Associate Professor and Head, Dept of Communication, Madurai Kamaraj University, Madurai. |

| | | 4. Mr.Lourdu Manoharan, Software Professional, Oracle Corporation, Bangalore. |
| | | 5. Mr.A.Chellamani, High Court Advocate, Madras High Court –Madurai Bench. |
| | | 6. Mr.S.Rajagopal, Branch Manager, LIC, Salem |
| | | 7. Mr.S.T.Andrew, Software Professional, Wipro, Bangalore. |
| | | 8. Mr.A.Mahendran, Deputy Inspector of schools, Usilampatti region. |
| | | 9. Dr.Muthukamachi, Associate Professor of Mathematics, RD Govt Arts College, Sivagangai. |
| | | 10. Mr.Benedict Cyril Raj, Inspector, Income Tax Office, Madurai. |

32. Give details of student enrichment programmes with external experts
   • Seminars are organised with eminent Mathematicians as Resource Persons.

| International / National / State Seminars | Date | External Experts |
|---|---|---|
| National Seminar Emerging Trends in Modern Topology | 22.02.2011 | • Dr.S.S.Benchali, Professor of Mathematics, Karnatak University, Dharwar, Karnataka. <br> • Rev. Dr.I.Arockiarani, Associate Professor of Mathematics, Nirmala College for Women, Coimbatore, Tamilnadu. <br> • Dr.S.Sivaraj, Professor of Mathematics, GKM College of Technology, Chennai, Tamilnadu. <br> • Dr.O.Ravi, Associate Professor of Mathematics, PMT College, Usilampatti, Tamilnadu. |
| State Level Seminars Career Vista for Mathematicians | 16.03.2009 | • Dr.Emmanuel Jebarajan, Associate Professor and Head, PG Dept. of Mathematics, The American College, Madurai. <br> • Dr.R.B.Gnanajothi, Reader in Mathematics, VVV College for Women, Virudhunagar. <br> • Dr.P.Rajarathinam, HH Rajah College, Pudukottai. <br> • Dr.D.Alex, Professor of Philosophy, Arul Anandar College, Karumathur. |

| New Insights in Modern Topology | 01.03.2010 | • Dr.P.Sundaram, Principal (Retd), NGM College, Pollachi.<br>• Dr.M.Murugalingam, Head, Dept. of Mathematics, Thiruvallur College, Papanasam.<br>• Dr.O. Ravi, Associate Professor of Mathematics, PMT College, Usilampatti.<br>• Dr.S.Pious Missier, Associate Professor of Mathematics, VOC College, Tuticorin. |
| --- | --- | --- |
| Emerging Trends in Applied Mathematics | 08.03.2010 | • Dr.Rajkumar Dare, Head, Dept. of Mathematics, Madras Christian College, Chennai.<br>• Dr.Vlifrad Kamal Professor of Mathematics, St.Jude's College, Thoothur.<br>• Dr.R.Uthayakumar, Associate Professor of Mathematics, Gandhigram Rural University, Dindigul.<br>• Dr.C.Elango, Associate Professor of Mathematics, CPA College, Bodi. |
| Emerging Trends in Mathematics | 01.03.2012 | • Dr.G.Sethuraman, Associate Professor of Mathematics, Anna University, Chennai.<br>• Dr.S.Athisaya Ponmani, Associate Professor of Mathematics, Jeyaraj Annapackiam College for Women, Periyaklam.<br>• Dr.R.Uthayakumar, Associate Professor of Mathematics, Gandhigram Rural University, Dindigul. |
| New Frontiers in Mathematics | 07.02.2013 | • Dr.M. Lellis Thivagar, Professor and Head, Dept of Mathematics, Madurai Kamaraj University, Madurai.<br>• Dr.A.Antony Eldred, Assistant Professor of Mathematics, St.Joseph's College, Trichy.<br>• Dr.S.Nagarathinam, Associate Professor and Head, Dept. of Communication, Madurai Kamaraj University, Madurai. |

Annual inter-collegiate MATAAC function is organised with competitions conducted in topics on Mathematics

- MATAAC2011
  Chief Guest –Dr.K.Kannan, Principal,Yadava College, Madurai
- MATAAC2012
  Chief Guest – Dr.P.Helen Chandra Secretary, JAC for Women, Periyakulam
- MATAAC2013
  Chief Guest –Dr.Emmanual Jebarajan, Pandian Saraswathi Yadav Eng. College, Sivagangai

- "Workshop on Mathematical Skills", Mr.S.Balamurugan, Managing Director, RP Study Centre, Usilampatti. 15-12-2011.

| 33 | List the teaching methods adopted by the faculty | <ul><li>Lectures</li><li>Mathematical Models</li><li>E- assignments</li><li>Quiz in Maths</li><li>Videos</li><li>Student Seminars</li><li>Power point presentations</li></ul> |
|----|---|---|
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | <ul><li>Analysis of assignments</li><li>Observation on students performing a task</li><li>Through class tests</li><li>Quiz programmes</li><li>Students interaction</li><li>Internal tests and External Semester Exams</li></ul> |
| 35 | Highlight the participation of students and faculty in extension activities | II B.Sc., Maths students adopt a village for services in the extension programme ARISE under the guidance of Ms.W.Sahaya Thivya<br>Mr.J.Robert Dhiliban is the Programme Officer of NCC<br>Mr.J.Xavier Adaikalaraj is the Coordinator of ROTARACT for Shift I and Mr.M.Sajan Joseph is the Coordinator of ROTARACT for Shift II<br>Students taking up NCC, ROTARACT under Part V of the curriculum take up community welfare work in the nearby villages. |
| 36 | Give details of beyond syllabus scholarly activities of the department | <ul><li>The students are encouraged and allowed to attend intercollegiate seminars and competitions</li><li>Intra-departmental Mathematical Quiz competitions organised</li><li>Educational Tour is arranged every year</li></ul> |
| 37 | State whether the programme / department is accredited/graded by other agencies | No |
| 38 | Mathematics Department<br>        Strengths | <ul><li>Well Experienced and dedicated faculty</li><li>PG Mathematics</li><li>Updated syllabus</li><li>Need-based computer knowledge /skills like C++, Java included in the curriculum.</li><li>Guidance for higher studies</li><li>Remedial coaching</li></ul> |

| | | Weaknesses | • Entry level quality of admitted students.<br>• Economically poor students<br>• Lack of motivation among the students |
|---|---|---|---|
| | | Opportunities | • To get minor/major projects<br>• To conduct coaching classes to meet the requirements of various competitive examinations<br>• Focus on research |
| | | Challenges | • Providing best placement for our students<br>• Motivating the students for higher studies |
| 39 | Future Plans of the Department | | • Focus on research<br>• Training the students for civil services and defence services.<br>• Training for NET, SLET & GATE exams. |

| 1 | Name of the department and its year of establishment | Physics - 1988 |
|---|---|---|
| 2 | Programmes /Courses Offered | B.Sc., Physics : 1988<br>M.Sc., Physics : 2005<br>Research Centre : 2013 |
| 3 | Interdisciplinary Courses and Departments involved | Nil |
| 4 | Annual/Semester/Choice Based Credit System | Semester and CBCS |
| 5 | Participation of the Department in the courses offered by other Departments | Non - Major Elective courses for other UG courses<br>Allied Physics for B.Sc., Chemistry and Mathematics<br>PG – Non-Major elective for other PG courses |

6. Number of teaching posts sanctioned and filled

| Designation | Regular | | Self Financed | | Management | |
|---|---|---|---|---|---|---|
| | Sanctioned | Filled | Sanctioned | Filled | Sanctioned | Filled |
| Associate Professor | 3 | 3 | - | - | - | - |
| Assistant Professor | 2 | 2 | 5 | 5 | 1 | 1 |

7. Faculty Profile

| Name Aided | Qualification | Designation | Specialisation | No. of years of experience in this College |
|---|---|---|---|---|
| Dr.I.Kulandaisamy | M.Sc., M.Phil., Ph.D. | Associate Prof. & Head | Environmental Physics | 29 |
| Dr.M.A.Jothirajan | M.Sc., M.Phil., Ph.D., M.Ed. | Associate Professor | Polymer Physics | 21 |
| Dr.K.S.Joseph Wilson | M.Sc., M.Phil., Ph.D. | Associate Professor | Low Dimensional Systems | 20 |
| Dr.A.Shanmugaraju | M.Sc., PGDCA, Ph.D. | Assistant Professor | Astrophysics | 5 |
| Dr.S.Valanarasu | M.Sc., M.Phil., Ph.D. | Assistant Professor | Thin Films; Semi-Conductor Devices | 1 |
| **Management** | | | | |
| Mr.S. Sebastian | M.Sc., M.Ed., M.Phil., | Assistant Professor | Solid State Physics | 2 |
| **Self-Financed** | | | | |
| Mr. D.James Silvia | MSc., B.Ed., M.Phil., | Assistant Professor | Material Science | 3 |
| Ms. A.Malarkodi | M.Sc., B.Ed., | Assistant Professor | Solid State Physics | 2 |
| Mr. S.Santhosh Kumar Jacob | M.Sc., M.Phil., | Assistant Professor | Solid State Physics | 2 |
| Mr. R.Thomas | MSc., B.Ed., M.Phil., | Assistant Professor | Microprocessor | 1 |

| 8 | Percentage of classes taken by temporary faculty | 17% |
|---|---|---|
| 9 | Programme-wise  Teacher-Student Ratio (2012- 13) | B.Sc., Physics :  1:21<br>M.Sc., Physics : 1:8 |
| 10 | Number of Academic support staff and administrative staff: Sanctioned and Filled | Store Keeper    : 1<br>Lab Assistants   : 2 |
| 11 | Number of Faculty with On-going Projects | 1.  Dr.M.A.Jothirajan- UGC-DAE<br>2.  Dr. K.S.Joseph Wilson – UGC<br>3.  Dr. A.Shanmugaraju – UGC |
| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Nil |
| 13 | Research Facility | Room for Research Scholars : 1 |
| 14 | Publications | National              : 4<br>International         : 25<br>Chapter(s) in Books   : 3<br>Editing Books         : 2 |

Faculty Publications  -  Impact Factor / SNIP / SJR

| | Journal Name | Impact Factor | SNIP | SJR |
|---|---|---|---|---|
| Dr.M.A.Jothirajan | Materials Letters | 2.307 | 0.260 | 0.339 |
| | Spectroscopy Letters: An International Journal for Rapid Communication | 0.72 | - | - |
| Dr.K.S.Joseph Wilson | Int. J. of Modern Physics - B | - | 0.030 | 0.071 |
| Dr.A.Shanmugarau | Astronomy and Astrophysics | 4.587 | 0.210 | 0.547 |
| | Solar Physics | 2.776 | 0.337 | 0.086 |
| | Astrophysical Journal | 6.024 | 0.340 | 0.697 |
| | Astrophysics and Space Science | 4.587 | 0.210 | 0.547 |
| | Advances in Space Research | 1.178 | 0.120 | 0.178 |
| Mr.S.Santhosh Kumar Jacob | Material Science Forum | - | 0.060 | 0.098 |

| 15 | Details of Patents and Income generated | Nil |
|---|---|---|
| 16 | Areas of Consultancy and Income generated | Nil |
| 17 | Faculty Recharging Strategies | • Attending Conferences, Workshops and Seminars<br>• Refresher and Orientation Programmes |
| 18 | Student Projects (PG) | Range of students who have done in-house projects Including Inter-departmental: 70-75%.<br>Range of students doing projects in collaboration with industries / institutes: 25 – 30% |

| 19 | Awards/Recognitions Received | • Dr.A.Shanmugaraju got a Monetory Support of Rs.5000/- for International Year of Astronomy 2009 from Astronomical Society of India (ASI), Pune.<br>• Dr.I.Kulandaisamy and Dr.K.S.Joseph Wilson have received a letter of appreciation from Department of Atomic Energy for the successful conduct of ARRIS-2009 workshop during Feb, 2009.<br>• Dr.Michael Anjello Jothirajan - Award – Top 100 Scientists of the year 2012, International Biographical Centre, England-16.12.2011.<br>• Dr. S. Valanarasu has finished his post doctoral study in Dongguk University, Seoul, South Korea.<br>• Ms.G.Viji (07PY5308), awarded PG project grant from TNSCST, Chennai. |

## 20. Seminars, Conferences Organised

| Title of the Programme | Level | Resource Persons | Sponsor | Date |
|---|---|---|---|---|
| Awareness Workshop on Applications of Radiation in Research, Industry, and Society (ARRIS – 2009) | National | Scientists from DAE, Mumbai, IGCAR, Kalpakkam & Kudankulam Atomic Power Station, Kudankulam. | DAE | 24-26, Feb, 2009 |
| Two day "Orientation cum Workshop for School Science Teachers" of Usilampatti District | Regional Level | 1. Dr.Iyyamperumal, TNSC, Chennai.<br>2. Dr.Sundararajaperumal TNSC, Chennai. | TNSC, Chennai | 3rd &4th Dec, 2009 |
| Orientation cum Workshop for Rural Schools Science Teachers. | State Level | 1. Dr.Gnanakumar, School of Chemistry, MK University, Madurai.<br>2. Prof.T.Mathavan, Dept. of Physics, SVN college, Madurai.<br>3. Dr.Arockiam Thadedeus, Dept. of Zoology, J.A.College, Periyakulam. | TNSC, Chennai | 2.12.2010 & 3.12.2010 |

| | | 1. Ms.A. Gnana Gowri, DEEO, Madurai. | | |
|---|---|---|---|---|
| Workshop on "Recent Trends in Science" | Regional | 2. Dr.P. Iyamperumal, Executive Director, TamilNadu S&T Centre, Chennai. 3. Dr.S.Soundararaja Perumal, Joint Director, TamilNadu S&T Centre, Chennai. | TNSC, Chennai | 01.12.2011 & 02.12.2011 |
| Seminar on "Role of Physics in Weather Forecasting" | State | Dr.S.R.Ramanan, Director, Regional Meteorological Centre, Chennai. | UGC | 04.08.2012 |

21. Student Profile

| Name of the Course | Year | Applications Received | Selected | | Pass Percentage | |
|---|---|---|---|---|---|---|
| | | | Male | Female | Male | Female |
| B.Sc. Physics | 2008-09 | 77 | 21 | 11 | 78 | 100 |
| | 2009-10 | 98 | 30 | 14 | 82 | 88 |
| | 2010-11 | 95 | 31 | 12 | 78 | 80 |
| | 2011-12 | 68 | 29 | 16 | 68 | 64 |
| | 2012-13 | 47 | 29 | 18 | 67 | 80 |
| M.Sc. Physics | 2008-09 | - | - | - | 33 | 50 |
| | 2009-10 | - | - | - | - | - |
| | 2010-11 | - | - | - | - | - |
| | 2011-12 | 12 | 7 | 3 | - | - |
| | 2012-13 | 24 | 9 | 15 | 83 | 100 |

22 Diversity of Students (2012-13)

| Name of the Course | % of Students from the College | % of Students from the State | % of Students from Other States | % of Students from Other Countries |
|---|---|---|---|---|
| B.Sc. Physics | Not Applicable | 100% | Nil | Nil |
| M.Sc. Physics | Nil | 100% | Nil | Nil |

| 23 | Number of Students cleared Civil Services, NET, SLET, GATE, etc., | One |
|---|---|---|

24.

| Student Progression | Percentage Against Enrolled |
|---|---|
| UG to PG | 55% |
| PG to M.Phil | 23% |
| PG to Ph.D | 35% |
| Ph.D. to Post-Doctoral | Nil |
| Employed • Campus selection • Other than campus recruitment | 5% 30% |
| Entrepreneurs | Nil |

| 25 | Diversity of Staff | Same parent university – 55%<br>Other University within state – 45%<br>From other universities in other states – Nil |
|----|----|----|
| 26 | Number of Faculty who were awarded Ph.D. during the assessment period | Two |
| 27 | Infrastructural Facilities | Library : General Library<br>Internet facilities for staff and students: Available<br>Total number of class rooms : 5<br>Class rooms with ICT facility : 1<br>Students' Laboratories : 2<br>Research Laboratories : 2 |
| 28 | Number of Students of the department getting financial assistance from the College and other units | 15 |
| 29 | Was any need assessment exercise undertaken before the development of new programmes? | Yes<br>A need assessment was carried out before upgrading the Department as Research Centre in Physics. |
| 30 | Does the department obtain feedback from?<br>Faculty on curriculum as well as teaching-learning evaluation? | <br>• Department meeting once in every month and evaluation meeting at the end of every year. |
| | Students on staff, curriculum as well as teaching-learning-evaluation<br>Alumni & Employers | • Open feedback by outgoing students during farewell programme.<br>Nil |
| 31 | List the distinguished alumni of the Department | 1. Ms. A.Arthy, Infosys, Bangalore.<br>2. Mr. Kalidas, TCS, Chennai.<br>3. Ms. Lakshmi, Infosys, Bangalore.<br>4. Mr. Anguprasad, Infosys, Bangalore.<br>5. Mr. Arul Andand, Kingfisher Airlines, Chennai.<br>6. Mr. Manikandan, Lecturer, PMT College, Usilampatti.<br>7. Mr. Moovandran, Research Scholar, M.K.University.<br>8. Mr. Nimroth, Research Scholar, M.K.University.<br>9. Mr. Seenithurai, Research Scholar, Thiagarajar College of Engineering, Madurai.<br>10. Mr. Kennedy, Research Scholar, Pope's College, Sawyerpuram. |

| 11. Ms. Kalyani, Cognizent Technologies, Bangalore. |
| 12. Mr. Easwaran, State Bank of India, Theni. |
| 13. Mr. Thivakar, TN State Secretariat, Chennai. |
| 14. Ms. Kavitha, Lecturer, PMT College, Usilampatti. |
| 15. Mr. Arvind, ICICI Bank, Madurai. |
| 16. Mr.Wilber, Designer, Dhinamalar, Madurai. |

## 32. Give details of student enrichment programmes with external experts

### 2008-2009

| Title of the Programme | Level | Resource Person | Date |
|---|---|---|---|
| State Level Seminar on Applications of Magnetic Materials | Regional | Dr.Mahendran, Dept. of Physics, Thiagarajar College of Engineering, Madurai. | 24th September, 2008. |
| Guest Lecture | Local | Dr.Arun Kumar, Asst. Professor, Dept. of Forensic Medicine, Govt. Medical College & Hospital, Theni. | 25.06.2008 |
| Guest Lecture | Local | Dr.Sr.Lawrencia, ICFAI National College, Madurai. | 13.12.2008 |
| Guest Lecture | Local | Dr.Krishnakumar, Thiagarajar College, Madurai. | 18.12.2008 |

### 2009-2010

| Title of the Programme | Level | Resource Person | Date |
|---|---|---|---|
| Seminar on "Myths and Realities of Solar Eclipse" | Regional | 1. Dr.S.Vincent, Member Secretary, TNSCST, Chennai. 2. Dr.P.Rajamanickam, Saraswathi Narayan College, Madurai. 3. Dr.R.V.Krishnakumar, Thiagarajar College, Madurai. | 14th July, 2009 |
| Awareness programme for school students on "Solar Eclipse" | Local | Dr.A.Shanmugaraju, Arul Anandar College. | 21st July, 2009 |
| Eclipse Watching-Camp | For Public | III Year Physics Students. | 22nd July, 2009 |
| Guest Lecture | Local | Ms.Clara Dhanemozhi, Jeyaraj Annapackiam College for Women, Periyakulam. | 16th Sep, 2009 |
| Intercollegiate Seminar "PHYSAAC – 2010" | State Level | 1. Dr.M.Sivaraman, Gandhigram Rural University, Dindigul. | 22 Jan,2010 |
| Guest Lecture | Local | Mr.Pon Dhanabalan, All India Radio, Madurai. | 10th Jan, 2010 |
| Interaction with Scientist | Local | Dr.Ebenezar, Indian Institute of Astrophyiscs, Bangalore. | 28th Jan, 2010 |

| 2010-2011 | | | |
|---|---|---|---|
| One day seminar on "E-learning in physics" | State | 1. Dr.N.Soundararajan, School of Physics, MK University, Madurai.<br>2. Dr.R.V.Krishnakumar, Thiagarajar College.<br>3. Dr.S.Jeyakumar, RKM Vivekananda Collge, Chennai. | 13.12.2010 |
| Intercollegiate Programme | State | Dr.Mrs.Mary Mathelane, Mother Therasa Women's University, Kodaikanal. | 10.02.2011 |
| 2011 – 2012 | | | |
| State Level Seminar "Nanoscience and Technology (an overview)" | State Level | Dr. P. Palanisamy, IGCAR, Kalpakkam<br>Dr. M. Mangalraj, Bharathiyar University.<br>Dr. R. Saraswathi, Madurai Kamaraj University. | 16.09.2011 |
| Seminar on "Role of Science in Weather Forecasting" | State Level | Dr. S.R.Ramanan, Director, Regional Meterological Center, Chennai.<br>Dr.K.Navaneethakrishnan, Head, KLN College of Eng., Madurai.<br>Dr.Veerakumar, SRF, India Meterological Dept., Chennai. | 4.8.2012 |

| 33 | List the teaching methods adopted by the faculty | • Lectures<br>• Student seminar<br>• Group Discussions<br>• Power point Presentations<br>• Net-based assignments |
|---|---|---|
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | • Evaluation of Assignments<br>• Department meeting every month<br>• Through class tests<br>• Evaluation meeting at the end of every semester<br>• Internal and External assessment exams<br>• Feedback from mentor |
| 35 | Highlight the participation of students and faculty in extension activities | • Two faculty members are the programme officers in Part V<br>• Science teaching in rural schools after the college hours<br>• Faculty member and II year UG students are involved in ARISE |
| 36 | Give details of beyond syllabus scholarly activities of the department | • NET/SLET Coaching classes<br>• Encouraging and training students to present papers in conferences/seminars. |

| 37 | State whether the programme / department is accredited/graded by other agencies | Nil |
|----|----|----|
| 38 | Physics Department<br><br>Strengths | • All the Faculty members (aided) are Ph.D. Holders.<br>• Three faculty members are Ph.D. Guides. |
| | Weaknesses | • Institution - Industry link.<br>• English Language (Medium problem for the students in the first year). |
| | Opportunities | • Attending national/international conferences.<br>• Publishing papers/books.<br>• Invitees as resource persons.<br>• Participation of U.G. and P.G. students in intercollegiate programmes.<br>• Attending summer / winter programmes.<br>• Member of Boards of studies in different institutions.<br>• Member in Exam panel for question setting and valuation, viva-voce for M.Sc., M.Phil. and Ph.D. programmes. |
| | Challenges | • Getting quality students compromise between teaching and research. |
| 39 | Future Plans of the Department | • Planning to undertake many projects & guiding more Ph.D. students.<br>• NET/SLET coaching for PG students.<br>• MoU between different institutes.<br>• Industry – Institute collaboration. |

# DEPARTMENT OF CHEMISTRY

| 1 | Name of the department and its year of establishment | Chemistry - 1979 |
|---|---|---|
| 2 | Programmes /Courses Offered | B.Sc., Chemistry – 1979<br>COC – 2004 |
| 3 | Interdisciplinary Courses and Departments involved | Nil |
| 4 | Annual/Semester/Choice Based Credit System | Semester and CBCS |
| 5 | Participation of the Department in the courses offered by other Departments | Non-major Elective courses for all Arts and Science UG courses<br>Allied Chemistry Offered to B.Sc., Physics and Mathematics<br>COC: Clinical Nutrition & Lab Technology |

## 6. Number of teaching posts sanctioned and filled

| Designation | Regular | | Management | |
|---|---|---|---|---|
| | Sanctioned | Filled | Sanctioned | Filled |
| Associate Professor | 3 | 3 | - | - |
| Assistant Professor | 2 | 2 | 1 | 1 |

## 7. Faculty Profile

| Name | Qualification | Designation | Specialisation | Years of experience in this College |
|---|---|---|---|---|
| Mr.N. Krishnamoorthy | M.Sc., M.Phil., | Associate Professor & Head | Organic Chemistry | 31 |
| Dr. J. A.Charles | M.Sc., M.Phil., Ph.D. | Associate Professor | Natural Products Chemistry | 28 |
| Mr.S. Rayappan | M.Sc., M.Phil., | Assistant Professor | Physical Chemistry | 9 |
| Dr.N. Savitha Devi | M.Sc., M.Phil., Ph.D. | Assistant Professor | Organic Chemistry | 1 |
| Mr.S. Hosimin | M.Sc., M.Phil., | Assistant Professor | Inorganic Chemistry | 1 |
| Mrs.L. Anu (Management Staff) | M.Sc., M.Phil., | Assistant Professor | Organic Chemistry | 2 |

| 8 | Percentage of classes taken by temporary faculty | 16% |
|---|---|---|
| 9 | Programme-wise Teacher-Student Ratio (2012- 13) | 1 : 24 |
| 10 | Number of Academic support staff and administrative staff: Sanctioned and Filled | Store Keeper – 1<br>Laboratory Assistants - 2 |
| 11 | Number of Faculty with On-going Projects | Nil |
| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR etc. | Nil |

| 13 | Research Facility | Nil |
|---|---|---|
| 14 | Publications | Nil |
| 15 | Details of Patents and Income generated | Nil |
| 16 | Areas of Consultancy and Income generated | Mr.N.Krishnamoorthy and Dr.J.A.Charles, Associate Professors, offer honorary consultancy to other Colleges on College Autonomy, Accreditation and Academic Audit |
| 17 | Faculty Recharging Strategies | • Attending conferences, workshops and Seminars<br>• Refresher and orientation programmes |
| 18 | Student Projects | No Projects in the UG Curriculum |
| 19 | Awards/Recognitions Received | Nil |
| 20 | Seminars/Conferences organised and the source of funding | • Expanding Frontiers in Chemistry – an yearly State-Level Seminar series in which eminent academicians and researchers give lectures<br>Funding: UGC Autonomy Grant<br>• National Level Seminar on Expanding Frontiers in Chemistry was organised in collaboration with the School of Chemistry, Madurai Kamaraj University, Madurai on14th& 15th Feb, 2013. Research Papers were presented by scholars from various Universities<br>Funding: UGC Autonomy Grant |

| Name of the Course | Year | Application Received | Selected | | Pass Percentage (Out Going Students) | |
|---|---|---|---|---|---|---|
| | | | Male | Female | Male | Female |
| B.Sc. Chemistry | 2008-09 | 92 | 28 | 17 | 64 | 100 |
| | 2009-10 | 139 | 34 | 21 | 52 | 67 |
| | 2010-11 | 122 | 28 | 20 | 62 | 91 |
| | 2011-12 | 103 | 37 | 15 | 27 | 71 |
| | 2012-13 | 51 | 23 | 28 | 59 | 70 |
| COC - Clinical Nutrition & Lab Technology | 2008-09 | 34 | 23 | 11 | 43 | 100 |
| | 2009-10 | 34 | 15 | 19 | 60 | 42 |
| | 2010-11 | 40 | 23 | 17 | 65 | 71 |
| | 2011-12 | 34 | 21 | 13 | 48 | 92 |

| 22 | Diversity of Students (2012-13)<br><div align="right">B.Sc. Chemistry</div> | % of students from the state – 100 % |
|---|---|---|
| 23 | Number of Students cleared Civil Services, NET, SLET, GATE,etc., | Nil |

24.  Student Progression

| | % Against Enrolled | | | |
|---|---|---|---|---|
| | 2008-2009 | 2009-2010 | 2010-2011 | 2011-2012 |
| UG to PG | 65% | 58% | 64% | 70% |
| PG to M.Phil | - | - | - | - |
| M.Phil. to Ph.D | - | - | - | - |
| Ph.D. to Post Doctoral | - | - | - | - |
| Employed<br>Campus Selection<br>Other than Campus Selection | - | - | - | one |
| Entrepreneurs | Nil | | | |

| | | |
|---|---|---|
| 25 | Diversity of Staff | Same parent university                    - 25%<br>Other University within the State       - 75%<br>From other universities in other States  -  Nil |
| 26 | Number of Faculty who were awarded PhD during the assessment period | Nil |
| 27 | Infrastructural Facilities | Internet facilities for staff and students: Available<br>Total number of class rooms  :  3<br>Class rooms with ICT facility :  1<br>Students' Laboratories           :  2<br>Research Laboratories            :  Nil |
| 28 | Number of Students of the department getting financial assistance from the College and other units | 6 |
| 29 | Was any need assessment exercise undertaken before the development of new programmes? | No new programme has been developed during the assessment period |
| 30 | Does the department obtain feedback from?<br>Faculty on curriculum as well as teaching-learning evaluation?<br>Students on staff, curriculum as well as teaching-learning-evaluation<br>From Alumni | Yes<br>Through monthly Department meetings<br>Written feedback from students<br><br>Informally on Graduation Day and Alumni Meeting |

| 31 | List the distinguished alumni of the Department | 1. Dr. Saravanakumar Narayanan<br>   Research Associate, Molecular Pharmacology<br>   Harvard Medical School, Boston, MA. USA.<br>2. Dr.G.Gnanakumar, Assistant Professor<br>   Department of Physical Chemistry<br>   Madurai Kamaraj University, Madurai.<br>3. Dr. Jacob Anna Raja, Assistant Professor,<br>   Department of Material Science<br>   Madurai Kamaraj University, Madurai.<br>4. Dr.Jeyachandran, Assistant Professor,<br>   Department of Chemistry<br>   Sri Paramakalyani College, Alwarkurichi.<br>5. Dr.J.Sooriyakumar<br>   Project Manager, Jubilant Biosys, Bangalore.<br>6. Ms.Ramya<br>   Senior Research Analyst, Mercer India<br>   Bangalore.<br>7. Mr.A.Joseph Martin<br>   Proprietor, ERIC Pharmaceuticals<br>   Medavakam, Chennai.<br>8. Mr. J. Dominic<br>   Project Assistant Level III, National<br>   Aeronautical Laboratories, Bangalore.<br>9. Mr. Annapushpa Raja<br>   Quality Control Manager,<br>   Dubai Aluminium, Dubai. |
|----|----|----|
| 32 | Give details of student enrichment programmes with external experts | • Guest Lectures by faculty from other colleges<br>• Seminars<br>• Industrial visits |
| 33 | List the teaching methods adopted by the faculty | • Lectures<br>• Student seminar<br>• Discussions<br>• Power point Presentations<br>• Net-based assignments |
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | Department Meeting after internal tests<br>Students performance evaluation at the end of semester<br>Mentor-student report |
| 35 | Highlight the participation of students and faculty in extension activities | Student Participation through Part V programmes<br>Student and Staff Participation through ARISE by adopting a nearby village |

| 36 | Give details of beyond syllabus scholarly activities of the department | • Industrial visit<br>• Career Guidance to students<br>• Inter-group competitions among students<br>• Assistance for student participation in inter-collegiate competitions and seminars |
|---|---|---|
| 37 | State whether the programme/department is accredited/graded by other agencies | Not applicable |
| 38 | Chemistry Department | |
| | Strengths | • Dedicated and qualified faculty<br>• Well-equipped laboratory<br>• Availability of e-resources and software in the department<br>• Excellent staff-student relationship |
| | Weaknesses | • Poor study skills of students<br>• Lack of faculty research facilities |
| | Opportunities | • Starting PG Course<br>• Getting Research Projects |
| | Challenges | • Lack of funds to start PG Course |
| 39 | Future Plans of the Department | Starting PG Course |

| | | |
|---|---|---|
| 1 | Name of the department and its year of establishment | Rural Development Science - 1973 |
| 2 | Programmes /Courses Offered | B.Sc. Rural Development Science (1973) <br> M.Sc. Rural Development (1983) <br> Research Centre (2001) <br> COC – (2004) |
| 3 | Interdisciplinary Courses and Departments involved | RDS course itself is inter-disciplinary <br> Nodal Department for Food Science & Technology |
| 4 | Annual/Semester/Choice Based Credit System | Semester and CBCS |
| 5 | Participation of the Department in the courses offered by other Departments | Non - Major Electives to other Departments <br> • Food Preservation (for UG) <br> • Development Project Management (for UG) <br> • Social problems and Innovative Strategies (for PG) <br> COC – Commercial Horticulture <br> COC – NGO Management |

6. Number of teaching posts sanctioned and filled

| Designation | Regular | | Management | |
|---|---|---|---|---|
| | Sanctioned | Filled | Sanctioned | Filled |
| Associate Professor | 8 | 8 | - | - |
| Assistant Professor | 8 | 8 | - | 1* |
| *One Associate Professor has gone for Post-Doctoral Studies. In his place a management staff is appointed. | | | | |

7. Faculty Profile

| Name | Qualification | Designation | Specialisation | No. of years of Exp. In this College |
|---|---|---|---|---|
| Dr. M. John Joseph | M.A.,(Soc), M.A.,(Eco), M.A.,(SW), PGDCA, M.Phil., MBA., Ph.D. | Associate Professor& Head | Social Sciences | 29 |
| Dr.J.S.A. Casimir Raj | MSW., M.Phil., Ph.D. | Associate Professor | Social Sciences | 27 |
| Dr.A. Thomas William | MSW, Ph.D. | Associate Professor | Social Sciences | 15 |
| Dr.S.Arul Prasad | MSW, PGDPM, Ph.D. | Assistant Professor | Social Sciences | 12 |
| Fr.Dr.Xavier Vedam S.J | M.A., M.Phil., Ph.D. | Associate Professor | Social Sciences | 4 |
| Fr.Dr.A. Sebastian Mahimai Raj | MSW, PGDHRM, M.Phil., Ph.D. | Assistant Professor | Social Sciences | 1 |
| Ms.Abirami | M.A., M.Sc., M.Phil. | Assistant Professor | Social Sciences | 1 |
| Dr.K.Kubendran | M.A., M.Phil., Ph.D. | Assistant Professor | Social Sciences | 1 |
| Dr.I.Devanan | M.Sc., Ph.D. | Associate Professor | Agriculture | 27 |
| Dr.Ambudoss Arvind | M.Sc. (Agri), Ph.D. | Associate Professor | Agriculture | 22 |

| | | | | |
|---|---|---|---|---|
| Ms.M.Pandeeswari | M.Sc., M.Phil., | Asst. Professor | Agriculture | 1 |
| Dr.L. Arockiaraj | M.Sc., Ph.D. | Associate Professor | Animal Husbandry | 27 |
| Dr.D. Premkumar | B.V.Sc., M.Sc., | Associate Professor | Animal Husbandry | 22 |
| Dr.N. Sivakumar | M.Sc., M.A.(Eco), M.A.(Soc), M.Phil., Ph.D | Assistant Professor | Animal Husbandry | 1 |
| Dr.A. Sundararaj | M.Sc., M.Phil., PGDCA, Ph.D. | Associate Professor | Zoology | 25 |
| Mr.V.J.F. Kennedy | M.Sc.(Agri) | Assistant Professor | Botany | 12 |
| Mr.A. James (Management Staff) | MSW | Assistant Professor | Social sciences | 2 |

| 8 | Percentage of classes taken by temporary faculty | Not applicable |
|---|---|---|
| 9 | Programme-wise  Teacher-Student Ratio (2012- 13) | RDS – (UG + PG)  1: 10 |

10.  Number of Academic support staff and administrative staff: Sanctioned and Filled

| | Sanctioned | Filled |
|---|---|---|
| Technical Staff | 1 | 1 |
| Field Staff | 2 | 2 |

11. Number of Faculty with On-going Projects

| FOUR | |
|---|---|
| 1. Dr. S. Arul Prasad | UGC |
| 2.Dr. Thomas William | ICSSR |
| 3. Dr. A. Sundararaj | UGC |
| 4.Dr.Ambudoss Arvind | DST |

| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Two : 1. Dr.Thomas William - ICSSR              2. Dr.Ambudoss Arvind - DST |
|---|---|---|
| 13 | Research Facility | Approved Research Centre by Madurai Kamaraj University Computers,  Library and Research Rooms |
| 14 | Publications | National            : 1 International       : Nil Chapter(s) in Books   : 6 Editing Books        : Nil Editing volumes       : 15 |
| 15 | Details of Patents and Income generated | Nil |
| 16 | Areas of Consultancy and Income generated | NGO consultancy (Honorary) |
| 17 | Faculty Recharging Strategies | • Attending Conferences, workshops and Seminars • Presenting papers • Acting as Resource Persons |

| 18 | Student Projects<br>Percentage of students who have done in-house projects including inter-departmental | : 100% - All P.G students |
|---|---|---|
| | Percentage of students doing projects in collaboration with industries / institutes | : Nil |
| 19 | Awards/Recognitions Received | 1. Best Abstract Award: Dr. M. John Joseph – Lifelong Learning for Farmers: A new pedagogy for development – 2010 – Joint World Conference on Social Work and Social Development, Hong Kong, China.<br>2. Post-Doctoral Fellowship: Dr. Thomas William<br>3. Best Paper Presentation & Chairperson Award : Fr. Sebastian Mahimai Raj |

## 20. Seminars, Conferences Organised

| S. No | Name of the Seminar | Level | Funding Agency | Year |
|---|---|---|---|---|
| 1 | UGC Sponsored State level Conference on "Technological Innovation for Rural Livelihood" | National | UGC | 17th & 18th March, 2009 |
| 2 | National Seminar on Climate Change and Development Alternatives | National | UGC | 4th & 5th March, 2010 |
| 3 | State Level Workshop on Institutionalizing Open and Distance learning for Livelihood Promotion | State | COL | 6th January, 2010 |
| 4 | UGC sponsored International Conference on "Development Discourse" | International | UGC | 15th to 17th March, 2011 |
| 5 | State level Seminar on "Women's Participation in Local Governance (UGC) | National | UGC | 29th February, 2012 |
| 6 | National seminar on " Food Security: Issues and concerns | National | COL NABARD ICSSR | 21st & 22nd February, 2013 |
| 7 | One Day State Level Seminar on Institutionalizing Lifelong Learning in Tertiary Education | State | COL | 6th March, 2013 |

## 21. Students' Profile

| Name of the Course | Year | Application Received | Selected | | Pass Percentage | |
|---|---|---|---|---|---|---|
| | | | Male | Female | Male | Female |
| B.Sc. RDS | 2008-09 | 91 | 43 | 13 | 75 | 80 |
| | 2009-10 | 100 | 55 | 6 | 49 | 100 |
| | 2010-11 | 116 | 41 | 6 | 89 | 83 |
| | 2011-12 | 83 | 52 | 6 | 41 | 100 |
| | 2012-13 | 63 | 52 | 10 | 36 | 100 |

| | | | | | | |
|---|---|---|---|---|---|---|
| M.Sc. RDS | 2008-09 | 12 | 9 | 1 | 92 | 100 |
| | 2009-10 | 3 | 1 | Nil | 17 | 100 |
| | 2010-11 | 11 | 10 | 1 | 0 | 0 |
| | 2011-12 | 5 | 4 | 1 | 25 | 100 |
| | 2012-13 | 4 | 3 | 1 | 50 | 100 |
| COC – Commercial Horticulture | 2008-09 | 52 | 35 | 17 | 54 | 100 |
| | 2009-10 | 58 | 38 | 20 | 68 | 90 |
| | 2010-11 | 59 | 47 | 12 | 64 | 58 |
| | 2011-12 | 60 | 43 | 17 | 88 | 100 |
| COC – NGO Management | 2008-09 | 58 | 42 | 16 | 40 | 94 |
| | 2009-10 | 46 | 33 | 13 | 70 | 69 |
| | 2010-11 | 41 | 32 | 9 | 47 | 78 |
| | 2011-12 | 58 | 32 | 26 | 66 | 96 |

22. Diversity of Students:

| Name of the Course | % of Students from the College | % of Students from the State | % of Students from other States | % of Students from other Countries |
|---|---|---|---|---|
| B.Sc., RDS | NA | 98% | 1% | 1% |
| M.Sc., RD | 100% | Nil | Nil | Nil |

| 23 | Number of Students cleared Civil Services, NET, SLET, GATE etc. | 4 |
|---|---|---|

24. Student Progression

| Students Progression | Percentage against enrolled | | | |
|---|---|---|---|---|
| | 2008-09 | 2009-10 | 2010-11 | 2011-12 |
| UG to PG | 16 | 22 | 26 | 30 |
| PG to M.Phil | 5 | 3 | 2 | 1 |
| PG to Ph.D | - | - | - | - |
| Ph.D. to Post – Doctoral | - | - | - | - |
| Employed <br> • Campus selection <br> • Other than campus recruitment | 31 | 33 | 32 | 35 |
| Entrepreneurs | Nil | Nil | Nil | Nil |

| 25 | Diversity of Staff | Same parent university – 44% <br> Other University within the State – 56% <br> From other universities in other States – Nil |
|---|---|---|
| 26 | Number of Faculty who were awarded Ph.D., D.Sc., D.Litt. during the assessment period | Six |

| Faculty | Year of Award of Ph.D | University |
|---|---|---|
| Dr. L. Arockiaraj | 2008 | Madurai Kamaraj University |
| Dr. AmbudossArvind | 2008 | Madurai Kamaraj University |
| Dr. A. Thomas William | 2008 | Bharathiar University |
| Dr. J. S. A. Casimir Raj | 2010 | Madurai Kamaraj University |
| Dr. S. Arul Prasad | 2010 | Madurai Kamaraj University |
| Fr. Dr. A. Sebastian Mahimai Raj | 2012 | Bharthidasan University |
| Dr. K. Kubendran | 2012 | Madurai Kamaraj University |

| 27 | Infrastructural Facilities | Library : Yes<br>Internet facilities for staff and students : Available<br>Total number of class rooms : 6<br>Class rooms with ICT facility : 1<br>Student's laboratories : 1<br>Research Laboratories : 1<br>Agriculture Farm : 1<br>Animal Husbandry Farm : 1<br>VETEX – Animal Husbandry Unit : 1 |
|---|---|---|
| 28 | Number of Students of the department getting financial assistance from the College and other units | 8 |
| 29 | Was any need assessment exercise undertaken before the development of new programmes? | Yes.<br>Need Assessment exercise was undertaken to introduce the Innovative Programme B.Sc., Food Science and Technology from the academic year 2012 with the Financial Assistance of UGC. |

| 30 | Does the department obtain feedback from? | |
|---|---|---|
| | Faculty on curriculum as well as teaching-learning evaluation? | Yes.<br>Through periodical Department meetings. |
| | Students on staff, curriculum as well as teaching-learning-evaluation | Yes<br> Informal feedback from students |
| | Alumni and employers on the programmes and what is the response of the department to the same? | Yes. The Alumni Day was conducted every year. |
| 31 | List the distinguished alumni of the Department | 1. Dr.Rajiakodi,<br>    Dean, CDC, Madurai Kamaraj University, Madurai.<br>2. Dr.Bhuvaneswaran,<br>    Associate Professor, Madurai Kamaraj University, Madurai. |

| | | 3. Dr.Raj Kumar, Associate Professor, Madurai Kamaraj University, Madurai.<br>4. Mr.Jegan Karuppia, Consultant, MSSRF, Chennai.<br>5. Mr.Dharmaneethi, Director, WED Trust, Chellampatti, Madurai.<br>6. Dr.Senapathy, Professor, Department of Social Science, Ethiopia, Africa.<br>7. Mr.Arockiam, Development Consultant, Hyderabad. |
|---|---|---|
| 32 | Give details of student enrichment programmes with external experts | 1. "Soft Skills and Development Research". Mr.Jegan Karuppaia, Social Scientist MSSRF, Chennai. 2-3-2012.<br>2. "Higher Education in Social Sciences". Dr. Solomon Selvam, Professor, Department of Sociology, Claflin University, USA. 26-7-2011. |
| 33 | List the teaching methods adopted by the faculty | • Lectures<br>• Student Seminars<br>• Group Discussions<br>• ICT – with Laptops by the students.<br>• Film Analysis |
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | • Analysis of Assignments<br>• Through Class tests<br>• Internal and External assessment exams |
| 35 | Highlight the participation of students and faculty in extension activities | Five faculty members are the programme officers in ACPR, ARISE, ROTARY CLUB, NSS, RADAR.<br>Dr. M. John Joseph  - ACPR<br>Fr.Dr.A.Sebastian Mahimai Raj - ARISE<br>Dr.N. Sivakumar – ROTARY Club<br>Dr.S.Arul Prasad - NSS<br>Students as part V programme participate in all the above programmes |
| 36 | Give details of 'beyond syllabus scholarly activities" of the department | • MoU: Department of Rural Development Science has entered into an agreement with Projects Abroad for providing with veterinary training to the students from other countries from 2010 to 2011.<br>• Arranging special training programmes for students in other institutions.<br>• Exposure visit to institutions in Orissa<br>• Guiding Foreign Scholars for Ph.D. in Foreign Universities. |

| 37 | State whether the programme/department is accredited/graded by other agencies | No | |
|----|----|----|----|
| 38 | RDS Department | | |
| | Strengths | • Highly qualified faculty – 81% of the staff are Ph.D. holders<br>• Excellent learning Environment<br>• Innovative teaching methods with ICT tools.<br>• Placement record of past students<br>• Approved Research Centre<br>• Field work based inter-disciplinary curriculum<br>• Availability of P.G and Ph.D programmes ensuring vertical mobility | |
| | Weaknesses | • Lack of motivation among the students<br>• Students admitted with below average of marks. | |
| | Opportunities | • To get minor and major projects<br>• To meet requirements of various competitive exams<br>• More Focus on research<br>• To apply for Departmental Projects | |
| | Challenges | • Poor academic ability of students at entry level.<br>• Providing placements with higher monetary benefits. | |
| 39 | Future Plans of the Department | • To establish tie-up with industries<br>• To train students for NET, SET and Group I and II service exams<br>• Making the Department a Policy Advocacy Centre | |

# DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

| | | |
|---|---|---|
| 1 | Name of the department and its year of establishment | Food Science And Technology - 2012 |
| 2 | Programmes /Courses Offered | B.Sc., Food Science and Technology (2012) (Innovative Programme – UGC Funded) |
| 3 | Interdisciplinary Courses and Departments involved | • Biochemistry – Department of Chemistry<br>• Statistics – Department of Mathematics<br>• Computer Applications – Department of Computer Science<br>• Meat Science and Dairy Technology – Department of Rural Development Science |
| 4 | Annual/Semester/Choice Based Credit System | Semester Pattern and CBCS |
| 5 | Participation of the Department in the courses offered by other Departments | • Non- Major Electives to other Departments<br>  • Basic of Food Science for Arts<br>  • Basic of Food Science for Science<br>• Self-Learning Courses offered by the department<br>• Self-Learning Courses from other departments.<br>• Foundation Course from Religion and Value Education department |

6. Number of teaching posts sanctioned and filled

| Designation | Regular | | Management | |
|---|---|---|---|---|
| | Sanctioned | Filled | Sanctioned | Filled |
| Associate Professor | - | - | - | - |
| Assistant Professor | 2 | 2 | - | - |

7. Faculty Profile

| Name | Qualification | Designation | Specialisation | No. of Years of Exp. in this College |
|---|---|---|---|---|
| B.Sc., Food Science & Technology | | | | |
| Dr.S.Durga Devi | M.Sc., Ph.D. | Assistant Prof. | Food Science & Nutrition | 1 |
| Mrs. P. Revathi | M.Sc., M.Phil. | Assistant Prof. | Food Science & Nutrition | 1 |

| | | |
|---|---|---|
| 8 | Percentage of classes taken by temporary faculty | Nil |

| 9  | Programme-wise Teacher-Student Ratio (2012- 13) | 1:13 |
|----|--------------------------------------------------|------|
| 10 | Number of Academic support staff and administrative staff: Sanctioned and Filled | Sanctioned: 1<br>Filled : Nil |
| 11 | Number of Faculty with On-going Projects | Nil |
| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Nil |
| 13 | Research Facility | Nil |
| 14 | Publications | National : Nil<br>International : Nil<br>Chapter(s) in Books : Nil<br>Editing Books : Nil<br>Editing volumes : Nil |
| 15 | Details of Patents and Income generated | Nil |
| 16 | Areas of Consultancy and Income generated | Nil |
| 17 | Faculty Recharging Strategies | Attending Orientation Programme, Seminars, Workshops. |
| 18 | Student Projects | |
|    | Percentage of students who have done in-house projects Including Inter-departmental | Nil |
|    | Percentage of students doing projects in collaboration with industries / institutes | Nil |
| 19 | Awards / Recognitions Received | Nil |

20. Seminars, Conferences Organised

| Sl. No | Name of the Seminar | Level | Funding Agency | Year |
|--------|---------------------|-------|----------------|------|
| 1 | National Seminar on " Food Security: Issues and concerns (Collaboration with RDS) | National | COL - Canada<br>NABARD - Mumbai<br>ICSSR – New Delhi | 21st &22nd Feb,2013 |

21. Student Profile Course – Wise

| Name of the Course | Year | Applications Received | Selected | | Pass Percentage |
|--------------------|------|-----------------------|----------|--------|-----------------|
|                    |      |                       | Male | Female |                 |
| B.Sc., Food Science & Technology | 2012-2013 | 26 | 16 | 10 | Not Applicable |

## 22. Diversity of Students

| Name of the Course | % of the Students from the College | % of Students from the State | % of Students from other States | % of Students from Other Countries |
|---|---|---|---|---|
| UG – Food Science & Technology | Nil | 100% | Nil | Nil |

| 23 | Number of Students cleared Civil Services, NET, SLET, GATE, etc., | Nil |
|---|---|---|

## 24  Student Progression

| Students Progression | Percentage Against Enrolled 2012-2013 |
|---|---|
| UG to PG | Not Applicable |
| Employed<br>• Campus selection<br>• Other than campus recruitment | Not Applicable |
| Entrepreneurs | Not Applicable |

| 25 | Diversity of Staff | Same parent university – Nil<br>Other University within the State – 50%<br>From other universities in other States – 50% |
|---|---|---|
| 26 | Number of Faculty who were awarded Ph.D, D.Sc., and D.Litt., during the assessment period | Nil |
| 27 | Infrastructural Facilities | Internet facilities for staff and students : Available<br>Total number of class rooms : 2<br>Class rooms with ICT facility : Nil<br>Students' laboratories : 3<br>Research Laboratories : Nil |
| 28 | Number of Students of the department getting financial assistance from the College and other units | Management : 2 |
| 29 | Was any need assessment exercise undertaken before the development of new programmes? | Nil |
| 30 | Does the department obtain feedback from?<br>Faculty on curriculum as well as teaching-learning evaluation? | Periodical  department meetings |
|  | Students on staff, curriculum as well as teaching-learning-evaluation | No |
|  | Alumni and Employers | Not Applicable |

| 31 | List the distinguished alumni of the Department | Not Applicable |
|---|---|---|
| 32 | Give details of student enrichment programmes with external experts | Invited Lectures<br>Guest Lectures<br>Seminar<br>Conference |
| 33 | List the teaching methods adopted by the faculty | • Power Point Presentations<br>• Demonstration<br>• Quiz<br>• Seminar<br>• Group Discussion |
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | Through:<br>• Class tests<br>• Quiz programmes<br>• Assignments<br>• Internal and External assessment exams |
| 35 | Highlight the participation of students and faculty in extension activities | Not Applicable in I year |
| 36 | Give details of beyond syllabus scholarly activities of the department | Nil |
| 37 | State whether the programme/department is accredited/graded by other agencies | No |
| 38 | Food Science & Technology Department<br><br>Strengths | • UGC sponsored Innovative Programme and the only college offering B.Sc., Food Science and Technology in this area<br>• Laboratory facilities<br>• Interdepartmental collaboration with RDS, Chemistry, Mathematics, Computer Science<br>• A multidisciplinary course with job assurance. |
|  | Weaknesses | • Poor grasping power of students due to shift in medium of communication |
|  | Opportunities | • Collaboration with State and Central universities<br>• Collaboration with Industries assuring the students for training and development in the future |
|  | Challenges | • Aiming 100% employment for every outgoing batch.<br>• To make students compete with B.Tech. students.<br>• To aim for sponsored students from Food companies |

| 39 | Future Plans of the Department | • To train the students in knowledge and technical skills making them confident to be self employed<br>• To extend research facilities and aim in publishing the project works of undergraduate students as well.<br>• To conduct food company sponsored seminars/ workshops to boost the students and to enlighten their knowledge on Food Laws, Food Labelling and Food Analysis which will improve the entrepreneurial skills of the students. |
|----|----|----|

# DEPARTMENT OF ENGLISH (LITERATURE)

| 1 | Name of the department and its year of establishment | English Literature - 2011 |
|---|---|---|
| 2 | Programmes /Courses Offered | B.A. English Literature |
| 3 | Interdisciplinary Courses and Departments involved | Nil |
| 4 | Annual/Semester/Choice Based Credit System | Semester – CBCS |
| 5 | Participation of the Department in the courses offered by other Departments | NME – Business English (For Science Students) NME – Creative Writing in English (For Arts Students) Self-Learning Courses offered by the department Self-Learning Courses from other departments. Foundation Course from Religion Value Education department |

6. Number of Teaching Posts sanctioned and filled

| Designation | Regular | | Self-Financed | |
|---|---|---|---|---|
| | Sanctioned | Filled | Sanctioned | Filled |
| Associate Professor | - | - | - | - |
| Assistant Professor | - | - | 3 | 3 |

7. Faculty Profile (Aided and Self-Financed)

| Name | Qualification | Designation | Specialisation | No. of years of exp in this college |
|---|---|---|---|---|
| Ms. K. Raja Rathi | M.A., M.Phil., | Assistant Professor | Indian Writing in English | 2 |
| Dr. J. Preethi | M.A., M.A., M.Phil., Ph.D. | Assistant Professor | Linguistics | 1 |
| Fr. Raju Yagappar S.J | M.A., B.Ed. | Assistant Professor | English Language Teaching | 2 |

| 8 | Percentage of classes taken by temporary faculty | Nil |
|---|---|---|
| 9 | Programme-wise Teacher-Student Ratio | 1 : 71 |
| 10 | Number of Academic support staff and administrative staff: Sanctioned and Filled | Nil |
| 11 | Number of Faculty with On-going Projects | Nil |
| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Nil |
| 13 | Research Facility | Nil |
| 14 | Publications | National : Nil International : Nil Chapter in Books : Nil |

| 15 | Details of Patents and Income generated | Editing Books : Nil<br>Books with ISBN Numbers : Nil<br>Nil |
|---|---|---|
| 16 | Areas of Consultancy and Income generated | Nil |
| 17 | Faculty Recharging Strategies | • Attending Conferences, Workshops and Seminars<br>• Participation/ Paper Presentation in State/National level Seminars, Conferences |
| 18 | Student Projects | Not Applicable |
| 19 | Awards/Recognitions Received | Nil |

20. Seminars, Conferences Organised

| Date | Guest Lectures | Funding Agency |
|---|---|---|
| 08.08.2012 | Charles Lamb as an Essayist | Management |
| 11.12.2012 | Shakespeare as a Dramatist | Management |
| 05.02.2013 | History of English Literature | Management |

21. Student Profile

| Name of the Course | Year | Application Received | Selected | | Pass Percentage | |
|---|---|---|---|---|---|---|
| | | | Male | Female | Male | Female |
| B.A., English Literature | 2011-12 | 167 | 36 | 40 | NA | NA |
| | 2012-13 | 142 | 60 | 82 | NA | NA |

22. Diversity of Students

| Name of the Course | % of students from the College | % of Students from the State | % of Students from other States | % of Students from other Countries |
|---|---|---|---|---|
| B.A. English Literature 2011-12 | Not Applicable | 100 | Nil | Nil |
| B.A. English Literature 2012-13 | Not Applicable | 96 | 4 | Nil |

23. Number of Students cleared Civil Services, NET, SLET, GATE, etc.,          Nil

24. Student Progression

| Student Progression | Percentage Against Enrolled |
|---|---|
| UG to PG | Not Applicable |
| PG to M.Phil. | Not Applicable |
| PG to Ph.D. | Not Applicable |
| Ph.D. to Post – Doctoral | Not Applicable |
| Employed<br>• Campus Selection<br>• Other than Campus Recruitment | Not Applicable |
| Entrepreneurs | Not Applicable |

| 25 | Diversity of Staff | Staff from other university within the state – 100% |
|---|---|---|
| 26 | Number of Faculty who were awarded Ph.D., D.Sc.,and D.Litt during the assessment period | One<br>Dr.J.Preethi,<br>Madurai Kamaraj University, 2011 |
| 27 | Infrastructural Facilities | Internet facilities for staff and students: Available<br>Total number of class rooms : 3<br>Class rooms with ICT facility : 1 (shared)<br>Students' laboratories : 1 (shared) |
| 28 | Number of Students of the department getting financial assistance from the College and other units | Management : 13 |
| 29 | Was any need assessment exercise undertaken before the development of new programmes? | No new programme has been developed during the assessment period. |

30. Does the department obtain feedback from

| Faculty on curriculum as well as teaching-learning evaluation? | Yes<br>Through 1. Periodical department meetings<br>2. Board of Studies Meetings<br>3. Feedback from students |
|---|---|
| Students on staff, curriculum as well as teaching-learning-evaluation | Yes – Feedback collected from the students |
| Alumni and employers on the programmes and what is the response of the department to the same? | Not applicable as on date |

| 31 | List the distinguished alumni of the Department | Nil |
|---|---|---|

32. Give details of student enrichment programmes with external experts

| Date | Guest Lecture | External Expert |
|---|---|---|
| 8.8.2012 | Charles Lamb as an Essayist | Mr. John David Raja,<br>Department of English, S.V.N College, Madurai |
| 11.12.2012 | Shakespeare as a Dramatist | Rev.Fr.A.L.Raj, CMF, P.G.Asst.,<br>Department of English, Claret Hr.Sec.School, Karumathur. |
| 5.2.2013 | History of English Literature | Dr.Prof.Beulah Jeyashree,<br>Associate Professor, Department of English, Lady Doak College, Madurai. |

| 33 | List the teaching methods adopted by the faculty | <ul><li>Lecture</li><li>Power point presentation</li><li>Language Lab</li><li>Audio Visuals</li><li>Group Discussion</li></ul> |
|---|---|---|
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | <ul><li>Periodical tests</li><li>Internal Tests</li><li>Paper presentations</li><li>Assignment analysis</li><li>Enabled the students to prepare Power Point presentations.</li></ul> |
| 35 | Highlight the participation of students and faculty in extension activities | <ul><li>Mrs. Raja Rathi and II year students take part in ARISE extensional activities.</li></ul> |
| 36 | Give details of beyond syllabus scholarly activities of the department | Critical analysis of movies. |
| 37 | State whether the programme/department is accredited/graded by other agencies | Nil |
| 38 | English (Literature) Department<br><br>Strengths | <ul><li>Team work.</li><li>Subject expertise availability to students.</li><li>Adapting student-centric methodologies.</li></ul> |
| | Weaknesses | <ul><li>Unable to organise seminars and conferences.</li></ul> |
| | Opportunities | <ul><li>Freedom to work and implement new strategies.</li></ul> |
| | Challenges | <ul><li>Moulding the first generation learners from rural background</li></ul> |
| 39 | Future Plans of the Department | 1. To establish department library.<br>2. To concentrate more on publication of articles in National and International Journals.<br>3. Organizing Workshops, Seminars, Guest Lectures and Projects. |

# DEPARTMENT OF BUSINESS ADMINISTRATION

| 1 | Name of the Department and its year of establishment | Business Administration – 2002 |
|---|---|---|
| 2 | Programmes /Courses Offered | B.B.A. |
| 3 | Interdisciplinary Courses and Departments involved | Nil |
| 4 | Annual/Semester/Choice Based Credit System | Semester and CBCS |
| 5 | Participation of the department in the courses offered by other Departments | • NME: Public Administration (Science Students).<br>• NME: Entrepreneurial Development (Arts Students).<br>• Self-Learning Courses offered by the department.<br>• Self-Learning Courses from other departments.<br>• Foundation Course from Religion Value Education department. |

## 6. Number of teaching posts sanctioned and filled

| Designation | Regular | | Self-Financed | |
|---|---|---|---|---|
| | Sanctioned | Filled | Sanctioned | Filled |
| Associate Professor | - | - | - | - |
| Assistant Professor | - | - | 3 | 3 |

## 7. Faculty Profile:

| Name | Qualification | Designation | Specialisation | No. of years of exp. in this college |
|---|---|---|---|---|
| Mrs. P. Jerlin Rupa | MBA., M.Phil., | Assistant Professor & Head | Marketing & HR | 7 |
| Mrs. L. Raja Rajeswari | MFC., M.Phil., | Assistant Professor | Finance | 6 |
| Ms. T. Susma | MBA., M.Phil., | Assistant Professor | Marketing & HR | 3 |
| Mr. P. Rama Chandran | MBA., M.A., M.Phil. | Assistant Professor | Marketing & HR | 2 |
| L.Josephine Priya | MBA., | Assistant Professor | Marketing & Finance | 1 |

| 8 | Percentage of classes taken by temporary faculty | Nil |
|---|---|---|
| 9 | Programme-wise Teacher-Student Ratio (2012- 13) | 1 : 38 |

| 10 | Number of Academic support staff and administrative staff: Sanctioned and Filled | Nil |
|----|----|----|
| 11 | Number of Faculty with On-going Projects | Nil |
| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Nil |
| 13 | Research Facility | Not applicable |
| 14 | Publications | National : 3 <br> International : Nil <br> Chapter(s) in Books : 2 <br> Editing Books : Nil |
| 15 | Details of Patents and Income generated | Nil |
| 16 | Areas of Consultancy and Income generated | Nil |
| 17 | Faculty Recharging Strategies | • Attending Conferences, Workshops, National and International Seminars. <br> • Publishing Articles in Journals and online forums. |
| 18 | Student Projects | Percentage of students who have done in-house projects Including Inter-departmental : 100% <br> Percentage of students doing projects in collaboration with industries / institutes: 100% |
| 19 | Awards/Recognitions Received | Nil |

## 20. Seminars & Conferences Organised

| Sl. No. | Date | Seminar / Conference | Funding Agency |
|---------|------|----------------------|----------------|
| 1 | 8.8.2009 | State Level Seminar on Corporate Social Responsibility towards Ecology | Management |
| 2 | 9.7.2010 | Workshop on Soft Skill Development | Management |
| 3 | 24.8.2010 | State Level Seminar on Contemporary Issues in Management | Management |
| 4 | 22.12.2010 | Workshop on Personality Development | Management |
| 5 | 12.9.2011 | Workshop on Quantitative Aptitude | Management |
| 6 | 10.2.2012 | National Seminar on Corporate Ethics | Management |
| 7 | 18.9.2012 | Workshop on Motivation and Success | Management |
| 8 | 11.12.2012 | Workshop on Interview Techniques | Management |
| 9 | 15.2.2013 | National Conference on Renewable Energy Management | Management |

## 21. Student Profile

| Year | Applications Received | Selected | | Pass Percentage (Outgoing Students) | |
|---|---|---|---|---|---|
| | | Male | Female | Male | Female |
| 2008 – 09 | 139 | 66 | 8 | 77 | 100 |
| 2009 – 10 | 146 | 76 | 7 | 78 | 75 |
| 2010 – 11 | 125 | 71 | 5 | 88 | 88 |
| 2011 – 12 | 87 | 73 | Nil | 75 | 100 |
| 2012 - 13 | 74 | 66 | 8 | 65 | 75 |

## 22. Diversity of Students

| Name of the Course | % of students from the College | % of students from the State | % of students from other States | % of students from other countries |
|---|---|---|---|---|
| BBA | NA | 87% | 10% | 3% |

| 23 | Number of Students cleared Civil Services, NET, SLET, GATE, etc., | Nil |
|---|---|---|

## 24. Student Progression

| | | Percentage against enrolled | | | |
|---|---|---|---|---|---|
| Students progression | | 2008-09 | 2009-10 | 2010-11 | 2011-12 |
| UG to PG | | 40% | 42% | 40% | 30% |
| PG to M.Phil. | | - | - | - | - |
| PG to Ph.D. | | - | - | - | - |
| Ph.D. to Post – Doctoral | | - | - | - | - |
| Employed<br>Campus selection<br>Other than campus recruitment | | Nil<br>2 | Nil<br>3 | Nil<br>2 | Nil<br>2 |

| 25 | Diversity of Staff | Same parent university – 80%<br>Other University within the State – 20%<br>From other universities in other States – Nil |
|---|---|---|
| 26 | Number of Faculty who were awarded Ph.D., D.Sc., and D.Litt., during the assessment period | Nil |
| 27 | Infrastructural Facilities | Internet facilities for staff and students: Available<br>Total number of class rooms  : 3<br>Students' Laboratories – Computer Lab : 1 |
| 28 | Number of Students of the department getting financial assistance from the College and other units | 24 |

| 29 | Was any need assessment exercise undertaken before the development of new programmes? | No new programme has been developed during the assessment period |
|---|---|---|
| 30 | Does the department obtain feedback from? | |
| | Faculty on curriculum as well as teaching-learning evaluation? | Yes<br>Through 1. Periodical department meetings<br>       2. Board of Studies Meetings |
| | Students on staff, curriculum as well as teaching-learning-evaluation | Yes<br>Feedback collected from the students every year |
| | Alumni and Employers on the programmes | Yes<br>Feedback collected from the employers when they visit the department. |

31. List the distinguished alumni of the Department

| Sl. No | Name | Designation |
|---|---|---|
| 1 | Mr.V. Lenin | Assistant Manager, HR, HCL Technologies, Chennai. |
| 2 | Mr. Maria Selvakumar | Accounts Manager, VIVID Fashions, Tirupur. |
| 3 | Ms. Anne Madhusha | Project Co-ordinator, Department of Statistics, Government of Sri Lanka. |
| 4 | Ms. Saranya | Assistant professor, Department of Commerce, PMT College, Usilampatti |
| 5 | Mr. Mbajack Ouma Patrick | Counsellor, Government of Kenya |
| 6 | Mr.Ramachandran | Manager, Manapuram Finance, Theni |
| 7 | Mr. Raj Kamal | Collection Agent, Micro Finance, Usilampatti |
| 8 | Mr.Panimaya Stalin | Account Assistant, VIVID Fashions, Tirupur. |
| 9 | Mr.Ganapathy Mariaraj | Customer Care Executive, DELL Computers, Coimbatore |

32. Give details of student enrichment programmes with external experts

| Date | Title of the Programme | External Expert |
|---|---|---|
| 12.9.2008 | Special Lecture on Soft Skill Development | Dr. K. Alamar, Head, Dept. of Economics, Arul Anandar College. |
| 11.12.2008 | Special Lecture on Share Market – an over view | Dr. K. Aiyadurai, Head, Dept. of Commerce, Arul Anandar College. |
| 16.2.2009 | Special Lecture on Choice of Employment | Ms. R. Nirmal Sangeetha, Project Manager, Team Lease Pvt. Ltd., Chennai. |
| 28.8.2009 | State Level Seminar on Corporate Social Responsibility Towards Ecology | Mr. S. Chandran, Lecturer in Civil Engineering, Thiyagarajar College of Engineering, Madurai.<br>Dr. Mayil Murugan,<br>Professor, Department of Commerce,<br>Madura College, Madurai. |

| | | R. Ayyam Perumal, Lecturer, Department of Business Administration, VHNSN College, Virudhunagar. Dr. K. Jayakodi, Professor, Department of Commerce, Saraswathi Narayanan College, Madurai. Mr. Bharath Krishna Sankar, Chairman & Managing Director, Aparajitha Corporate Services Ltd, Madurai. |
|---|---|---|
| 16.7.2009 | Special Lecture on Impact on Business on Ecology | Ms. Maheswari, Lecturer, Department of Business Administration, Ayya Nadar Janaki Ammal College, Sivakasi. |
| 20.8.2009 | Special Lecture on Art of Skill Development | Mr. Gnaneshwaran, Lecturer, Department of Commerce, Sourastra College, Madurai. |
| 16.9.2009 | Special Lecture on How to prepare Entrance Examination | Mr. Johnsekar, Department of English, American College, Madurai. |
| 19.12.2009 | Special Lecture on Practical Implications of Administrative Laws and labour law on industries | Mr. Louis, Advocate in High Court, Madurai. |
| 29.1.2010 | Special Lecture on Carrier in Logistics | Mr. Muthukumar |
| 9.7.2010 | Workshop on Soft Skills Development | Mr. K. S. Aswath Babu, Assistant Professor, Department of Management Studies, Sourashtra College, Madurai. |
| 29.7.2010 | Special Lecture on Talent Management | Ms. Manjula, Assistant Professor, Department of Management Studies, Thiyagarajar School of Management, Madurai. |
| 24.8.2010 | State Level Seminar on Contemporary Issues in Management | Rev. Dr. P. Christie, S.J., Director, LIBA, Loyala College, Chennai. Dr. P. Arul Velan, Director, Department of Management Studies, VHNSN College, Virudhunagar. |
| 22.9.2010 | Special Lecture on Role of Spirituality in Mangement Science | Rev. Dr. Peter Xavier S.J.,Head, Department of Commerce, Arul Anandar College, Karumathur. |
| 22.12.2010 | Workshop on Personality Development | Mr. Sudhakar, Proprietor, Life Style Publication, Chennai. |
| 10.2.2012 | National Seminar on Corporate Ethics | Dr. Riyasudeen, Associate Professor, Department of Management Studies, School of Management, Pondicherry University, Pondicherry. |

| | | Fr. Dr. S. Seshu Raja, Assistant Professor, Department of Philosophy, Arul Anandar College, Karumathur |
|---|---|---|
| | | Mr. R. Ayyamperumal, Associate Professor, Department of Management Studies, VHNSN College, Virudhunagar |
| | | Dr. J. Jeyakodi, Associate Professor, Department of Commerce, Saraswathi Narayanan College, Madurai. |
| | | Dr. J. Vijayadurai, Associate Professor, Department of Business Administration, NMSSVN College, Madurai. |
| 5.8.2011 | Special Lecture on Stress Management | Dr.S.V.Antony, Associate Professor, Department of Philosophy, Arul Anandar College, Karumathur |
| 5.9.2011 | Special Lecture on Career Management | Mr.Maria Selva Kumar, Accounts Manager & Head Cashier, Documentation officer, VIVID fashions, Thirupur. |
| 01.12.2011 | Special Lecture on Recent Trends in Hospitality Management | Mr. K. R. Thiruvengadam, Chief Promoter and Trainer, Proprietor of Amirtha Resources, Madurai. |

| 33 | List the teaching methods adopted by the faculty | ICT enabled teaching tools for most subjects<br>• Lectures<br>• Case Studies<br>• Group Discussions<br>• Power Point Presentations<br>• Video Presentations |
|---|---|---|
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | • Analysis of Assignments<br>• Observations on students performing a task<br>• Through Class tests<br>• Quiz programmes<br>• Internal and External assessment exams<br>• Association Activities |
| 35 | Highlight the participation of students and faculty in extension activities | 1. Participation of Faculty and II year Major. Students in the extension programme ARISE.<br>2. Mr. P. Ramachandran is the programme officer for NSS, YRC and staff in-charge for ARISE. |

| 36 | Give details of beyond syllabus scholarly activities of the department | • Encouraging and training students to present papers in conferences/seminars<br>• Organising conferences /seminar/ workshops<br>• Industrial visits<br>• Association activities |
|---|---|---|
| 37 | State whether the programme/department is accredited/graded by other agencies | No |
| 38 | Business Administration Department | |
| | Strengths | • Qualified and dedicated faculty<br>• Cohesive Learning Environment<br>• Physical facilities and Technology<br>• Teaching methods other than lectures<br>• One Faculty pursuing Ph.D. and three are qualified NET and SET |
| | Weaknesses | • Increasing students strength<br>• Inadequacy of ICT enabled class rooms |
| | Opportunities | • Quality growth of students<br>• Develop external relations<br>• Partnering with MoU programmes<br>• Embrace continuous improvement<br>• Motivate students for Higher Education |
| | Challenges | • Budget limitations<br>• Faculty turnover<br>• Getting quality students. |
| 39 | Future Plans of the Department | • To establish tie-up with industries<br>• Encourage the students to become student members of the professional bodies like NIPM, ISTO and MMA. |

# DEPARTMENT OF PHYSICAL EDUCATION

| 1 | Name of the Department and its year of establishment | Physical Education - 2004 |
|---|---|---|
| 2 | Programmes / Courses Offered | B.Sc. Physical Education |
| 3 | Interdisciplinary Courses and Departments involved | Nil |
| 4 | Annual/Semester/Choice Based Credit System | Semester and CBCS |
| 5 | Participation of the Department in the courses offered by other Departments | Non-Major Elective - For Science Students -Yoga for Healthy Life for B. Sc. IT&M. and Mathematics. Non-Major Elective - For Arts Students - First Aid and Injury Management for B.Com., BBA Self-Learning Courses offered by the department. Self-Learning Courses from other departments Foundation Course from Religion Value Education department |

6. Number of teaching posts sanctioned and filled

| Designation | Regular | | Self-Financed | |
|---|---|---|---|---|
| | Sanctioned | Filled | Sanctioned | Filled |
| Associate Professor | - | - | - | - |
| Assistant Professor | - | - | 5 | 5 |

7. Faculty Profile  2012-2013

| Name | Qualification | Designation | Specialisation | No. of years of experience in this college |
|---|---|---|---|---|
| Ms. J. Vanitha | M.Com., M.P.Ed., M.Phil., | Assistant Professor& Head | Athletics | 6 |
| Mr. R.Sathesh Franklin | B.A., M.B.A., M.PEd., M.Phil., Dip in Yoga. | Assistant Professor | Hockey | 5 |
| Mr. L. Karuppiah | B.Sc., M.P.Ed., M.Phil., Dip in Yoga. | Assistant Professor | Handball | 4 |
| Mr. A. Muthu  Kumar | M.A., M.P.Ed., M.Phil., P.G. Dip in Yoga. | Assistant Professor | Football | 3 |
| Ms. N.Veera Parameswari | B.Sc., M.P.Ed. M.Phil. | Assistant Professor | Basketball | 1 |

| 8 | Percentage of classes taken by temporary faculty | Nil |
|---|---|---|

| 9 | Programme-wise Teacher-Student Ratio | 1:30 |
|---|---|---|
| 10 | Number of Academic support staff and administrative staff: Sanctioned and Filled | Sanctioned: 1<br>Non-Technical Management Staff :1 (Marker) |
| 11 | Number of Faculty with On-going Projects | Nil |
| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Nil |
| 13 | Research Facility | Nil |
| 14 | Publications of Papers | National        :       1<br>International    :     Nil<br>Chapter(s) in Books :     8<br>Editing Books    :    Nil |
| 15 | Details of Patents and Income generated | Nil |
| 16 | Areas of Consultancy and Income generated | Nil |
| 17 | Faculty Recharging Strategies | Attending Conferences, Workshops, Seminars and Officiating the Tournaments. |
| 18 | Student Projects | Percentage of students who have done in-house project - 100% |
| 19 | Awards/Recognitions Received | Nil |

20. Seminars, Conferences Organised

| S.No | Year | Seminars/ Conferences/Workshops | Funding |
|---|---|---|---|
| 1. | 1st & 2nd February, 2013 | UGC Sponsored National Seminar on "Innovative Concepts in Physical Education and Yoga" collaboration with the Department of Physical Education | UGC |
| 2. | 24th & 25th February, 2010 | Workshop and officiating Examination on Handball | Management |
| 3. | 21st March, 2011 | Workshop on Track and Field | Management |

21. Student Profile

| Year | Applications Received | Selected | | Pass Percentage | |
|---|---|---|---|---|---|
| | | Male | Female | Male | Female |
| 2008-2009 | 36 | 26 | 5 | 67 | 100 |
| 2009-2010 | 43 | 31 | 5 | 83 | 100 |
| 2010-2011 | 45 | 36 | 4 | 62 | 100 |
| 2011-2012 | 63 | 54 | 7 | 27 | 80 |
| 2012-2013 | 66 | 60 | 6 | 77 | 100 |

## 22. Diversity of Students

| Name of the Course | % of students from the College | % of students from the State | % of students from other States | % of students from other countries |
|---|---|---|---|---|
| B.Sc., Phy. Edu | Nil | 100% | Nil | Nil |

| 23 | Number of Students cleared Civil Services, NET, SLET, GATE, etc., | Nil |
|---|---|---|

## 24. Student Progression

| Student Progression | Percentage Against Enrolled |
|---|---|
| UG to PG | 82% |
| PG to M.Phil. | - |
| PG to Ph.D. | - |
| Ph.D. to Post-Doctoral | - |
| Employed<br>• Campus selection<br>• Other than campus recruitment | Nil |
| Entrepreneurs | Nil |

| 25 | Diversity of Staff | Same parent university             – Nil<br>Other University within the State      – 100%<br>From other universities in other States – Nil |
|---|---|---|
| 26 | Number of Faculty who were awarded Ph.D.  during the assessment period | Nil |
| 27 | Infrastructural Facilities | Internet facilities for staff and students: Available<br>Total number of class rooms           : 3<br>Class rooms with ICT facility          : Nil<br>Students' Laboratories                  : 2<br>Multi-Purpose Gym                     : 1 |
| 28 | Number of Students of the department getting financial assistance from the College and other units | 6 |
| 29 | Was any need assessment exercise undertaken before the development of new programmes? | Feasibility study was conducted for starting B.P.Ed. Course |
| 30 | Does the department obtain feedback from?<br><br>Faculty on curriculum as well as teaching-learning evaluation? | Yes<br>1.  Periodical Department Meetings<br>2.  Board of Studies Meetings |

| | Students on staff, curriculum as well as teaching-learning-evaluation | Yes. Written feedback collected from the students every year |
|---|---|---|
| | Alumni & Employers | No |

31. List the distinguished alumni of the department

| S. No. | Name | Designation |
|---|---|---|
| Teaching Profession | | |
| 1 | Ms. I. Immaculate | Physical Education Teacher |
| 2 | Ms. M. Hemalatha | Physical Education Teacher |
| 3 | Mr. P. Satheesh Kumar | Physical Director |
| 4 | Mr. J. Prasath | Physical Education Teacher |
| 5 | Mr. P.Vallvarani | Physical Education Teacher |
| Uniform Service | | |
| 1. | Ms. R. Meena | Tamil Nadu Police- Grade II |
| 2. | Ms. A. Sugapriya | Tamil Nadu Police – Grade – II |
| 3. | Mr. M. Kumerasan | Indian Army |
| 4. | Mr. M. Kasi | Tamil Nadu Police- Grade – II |
| 5. | Mr. P. Bhuvaneswaran | Tamil Nadu Police- Grade – II |

32. Give details of student enrichment programmes with external experts

| Year | Programme | Resource Person |
|---|---|---|
| 2008-09 | Guest Lecture on Healthy Life Style | Dr. K. Arun Kumar MBBS, MD, Theni. |
| 2009-10 | Guest Lecture on Becoming a Successful Person | Ms. Jeyanthi, Students' Counsellor, Arul Anandar College |
| 2009-10 | State Level Workshop on Officiating Exam on Hand Ball | Mr. A. Saravanan, Joint Secretary, Hand Ball Federation of India, Tamil Nadu Hand Ball Association. Mr. P. Radha Krishnan, Secretary, Madurai District Hand Ball Association. |
| 2010-11 | National Workshop on Track & Field | Dr. M. Sundar, Principal, Alagappa University College of Physical Education, Karaikudi. |
| 2011-12 | The XII Tamil Nadu State InterCollegiate B.Sc., Physical Education Health & Sports Tournament | Mr. G.A. Rajkumar, I.A.S. Additional Secretary for Sports and Youth Welfare Government of India. |

| 2012-13 | National Seminar on Innovative concepts in Physical Education and Yoga | Dr. K.Vaithiyanathan, Former Vice – Chancellor, Tamil Nadu Physical Education and Sports University. Dr. K. Angamuthu, Registrar, Periyar University, Salem. |
|---------|------|------|

| 33 | List the teaching methods adopted by the faculty | • Lectures<br>• Power Point presentation<br>• Group Discussion<br>• Video Analysis<br>• Practical<br>• Display Methods |
|----|------|------|
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | • Class Test<br>• Assignment<br>• Competitions<br>• Feedback from the Mentor<br>• Internal and External Practical Examinations |
| 35 | Highlight the participation of students and faculty in extension activities | • Staff members act as Team Managers for MK University Teams.<br>• Staff members act as Officials in various sports competitions.<br>• Mr. A. Muthu Kumar is the coordinator of Part V Physical Education for Shift II Students.<br>• Mr. L. Karuppiah is involved in ARISE<br>• II year major students in the compulsory college extension programme ARISE.<br>• Yoga programme for rural women.<br>• Rural Sports Meet for School boys and Girls. |
| 36 | Give details of beyond syllabus scholarly activities of the department | • Encourage the students to take part in the extramural competitions<br>• Coaching the local rural school boys and girls in the various games<br>• Encourage our students to act as officials in inter-school athletic meet |
| 37 | State whether the programme/department is accredited/graded by other agencies | No |

| 38 | Physical Education Department | |
|---|---|---|
| | Strengths | • Four faculty members are doing Ph.D.<br>• Two faculty members have cleared NET and SET.<br>• Staff obtained additional degrees (MBA, M.Com, M.A and Diploma in Yoga).<br>• Infrastructure – Stadium cum Logistic Center, Multi Gym and Indoor Stadium.<br>• Committed faculty who do extra work other than working hours. |
| | Weaknesses | • Lack of well-equipped Physiology Lab<br>• Frequent faculty turnover. |
| | Opportunities | • Motivating the students for higher education. |
| | Challenges | • To construct Grass Football Field and Synthetic Track.<br>• Participating in Inter- University, State and National Level Competitions in various games |
| 39 | Future Plans of the Department | • Initiating a diploma course in Yoga. |

| 1 | Name of the department and its year of establishment | Information Technology and Management - 2002 |
|---|---|---|
| 2 | Programmes /Courses Offered | B.Sc. Information Technology and Management |
| 3 | Interdisciplinary Courses and Departments involved | Nil |
| 4 | Annual/Semester/Choice based Credit system | Semester and CBCS |
| 5 | Participation of the Department in the courses offered by other Departments | • Non-Major Elective<br>• Foundation Course<br>• Value Education<br>• Self-Learning Course |

6. Number of teaching posts sanctioned and filled

| Designation | Regular | | Self-Financed | |
|---|---|---|---|---|
| | Sanctioned | Filled | Sanctioned | Filled |
| Associate Professor | - | - | - | - |
| Assistant Professor | - | - | 5 | 5 |

7. Faculty Profile

| Name | Qualification | Designation | Specialisation | No. of years of exp. in this college |
|---|---|---|---|---|
| Mr. R.Viswanathan | MCA | Assistant Professor & Head | Image Processing | 2 |
| Mr. S. Arun Prasad | MBA., M.Phil., | Assistant Professor | Marketing & HR | 3 |
| Ms. A. Rosaal Marcina Fernando | MCA, M.Phil., | Assistant Professor | Data Mining | 2 |
| Ms. R. Siva Malini | MBA | Assistant Professor | Marketing & HR | 1 |
| Mr. T. Manoj Prabhakaran | MCA | Assistant Professor | Software Engineering | 1 |

| 8 | Percentage of classes taken by temporary faculty | Nil |
|---|---|---|
| 9 | Programme-wise Teacher-Student Ratio (2012- 13) | 1:26 |
| 10 | Number of Academic support staff and administrative staff: Sanctioned and Filled | Nil |
| 11 | Number of Faculty with On-going Projects | Nil |
| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Nil |
| 13 | Research Facility | Nil |

| 14 | Publications | National : 1 |
| --- | --- | --- |
| | | International : Nil |
| | | Chapter(s) in Books : 1 |
| | | Editing Books : Nil |
| | | Books with ISBN Numbers : Nil |
| 15 | Details of Patents and Income generated | Nil |
| 16 | Areas of Consultancy and Income generated | Nil |
| 17 | Faculty Recharging Strategies | Attending Conferences, Workshops, Seminars, and Faculty Development programme. |
| 18 | Student Projects | Percentage of students who have done in-house projects including Inter-departmental : 100 |
| | | Percentage of students doing projects in collaboration with industries / institutes:100 |
| 19 | Awards/Recognitions Received | Nil |

20. Seminars, Conferences Organised

| Name of the Seminar | Funding Agency | Date |
| --- | --- | --- |
| Advanced Computing Technology | Management | 23$^{rd}$ September,2011 |
| Emerging Trends in Green IT | Management | 20$^{th}$ January,2012 |
| Recent Trends in Image Processing | Management | 13$^{th}$ March, 2013 |

21. Student Profile

| Year | Applications Received | Selected | | Pass Percentage | |
| --- | --- | --- | --- | --- | --- |
| | | Male | Female | Male | Female |
| 2008 – 09 | 204 | 77 | 13 | 91 | 100 |
| 2009 – 10 | 78 | 44 | 14 | 98 | 64 |
| 2010 – 11 | 100 | 48 | 10 | 91 | 91 |
| 2011 – 12 | 36 | 34 | 2 | 77 | 92 |
| 2012 - 13 | 50 | 47 | 3 | 72 | 89 |

| 22 | Diversity of Students | % of students from the college – Not Applicable |
| --- | --- | --- |
| | | %of students from the State: 77 |
| | | % of students from other States:14 |
| | | % of students from other countries :9 |
| 23 | Number of Students cleared Civil Services, NET, SLET, GATE, etc., | Nil |

## 24. Student Progression

| Students Progression | Percentage against Enrolled |
|---|---|
| UG-PG | 50% |
| PG-M.Phil | Nil |
| PG- Ph.D | Nil |
| Ph.D.-Post Doctoral | Nil |
| Employed<br>• Campus Selection<br>• Other than campus recruitment | Nil<br>1 |
| Entrepreneurs | Nil |

| | | |
|---|---|---|
| 25 | Diversity of Staff | Same parent university – 60%<br>Other University within the State – 40%<br>From other universities in other States – Nil |
| 26 | Number of Faculty who were awarded Ph.D.,D.Sc., and D.Litt., during the assessment period | Nil |
| 27 | Infrastructural Facilities | Internet facilities for staff and students: Available<br>Total number of class rooms  : 3<br>Class rooms with ICT facility : 1<br>Students' laboratories – Computer Lab : 1 |
| 28 | Number of Students of the department getting financial assistance from the College and other units | 12 |
| 29 | Was any need assessment exercise undertaken before the development of new programmes? | No new programme has been developed during the assessment period. |
| 30 | Does the department obtain feedback from? | |
| | Faculty on curriculum as well as teaching-learning evaluation? | Department meeting, Programme Evaluation forms, Periodical staff meeting in the department |
| | Students on staff, curriculum as well as teaching-learning-evaluation | Evaluation of staff through informal discussion. |
| 31 | List the distinguished alumni of the Department | 1. Mr. Arjun Franklin (Team leader of Collabera, Techno-Park, Kerala).<br>2. Mr. Lenold Christ Raj, CRM, Suther Land, Chennai.<br>3. Mr. Ananthi, HR Executive, ACS Consultancy, Madurai.<br>4. Mr. Hemalatha, IT Professionals, AJ Square, Madurai.<br>5. Mr. Siluvai Nesa Pandian – Assistant Professor Vel-Tech, Chennai.<br>6. Mr. Sridhar Kanni, Team leader, Thanga Mayil jewellery, Madurai.<br>7. Mr. Samayan, Tamil Nadu Police, Madurai. |

| 32 | Give details of student enrichment programmes with external experts | • SAP –System Applications & Product Mr. Arjun Franklin, Techno Park, Trivandrum. 22-6-2011.<br>• Networking and Cloud Computing. Mr. S.Suresh, HCL Career Development Centre, Madurai. 26-7-2011.<br>• Career Training – Hospital Services. Mr. K.R.Thiruvengadam. Chief Promoter and Trainer, Amirtha Resources, Career Training Division, Madurai. 01-12-2011. |
|---|---|---|
| 33 | List the teaching methods adopted by the faculty | • Lectures<br>• Discussions<br>• Power Point Presentations |
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | • Analysis of Assignments<br>• Observations on students performing a task<br>• Class tests<br>• Quiz programmes<br>• Internal and External assessment exams |
| 35 | Highlight the participation of students and faculty in extension activities | Students participate in ARISE – an extension Programme. Ms. Siva Malini serves as ARISE Coordinator.<br>Students participate in NSS, NCC, ROTARACT extension activities. |
| 36 | Give details of beyond syllabus scholarly activities of the department | Industrial Visit<br>Institutional Training<br>Placement Training<br>Guest Lecture |
| 37 | State whether the programme/department is accredited/graded by other agencies | No |
| 38 | IT & M Department<br><div align="right">Strengths</div> | • Job oriented course.<br>• Highly qualified staff members. |
| | <div align="right">Weaknesses</div> | • Staff Mobility.<br>• No exclusive smart class room.<br>• Lack of research work. |
| | <div align="right">Opportunities</div> | • To concentrate in research work.<br>• To focus on student development activities.<br>• Publishing journals and books. |
| | <div align="right">Challenges</div> | • Referring more Journals and Magazines.<br>• Developing soft skills among students.<br>• Competing Engineering colleges. |
| 39 | Future Plans of the Department | • To start M.Sc. IT course. |

# DEPARTMENT OF COMPUTER SCIENCE

| 1 | Name of the department and its year of establishment | Computer Science - 2011 |
|---|---|---|
| 2 | Programmes /Courses Offered | B.Sc. Computer Science |
| 3 | Interdisciplinary Courses and Departments involved | Nil |
| 4 | Annual/Semester/Choice Based Credit System | Semester and CBCS |
| 5 | Participation of the Department in the courses offered by other Departments | NME for Arts and Science Departments. Self-Learning Courses offered by the department. Self-Learning Courses from other departments Foundation Course from Religion and Value Education department. |

6. Number of teaching posts sanctioned and filled

| Designation | Regular | | Self - Financed | |
|---|---|---|---|---|
| | Sanctioned | Filled | Sanctioned | Filled |
| Associate Professor | - | - | - | - |
| Assistant Professor | - | - | 3 | 3 |

7. Faculty Profile

| Name | Qualification | Designation | Specialisation | No. of years of experience in this college |
|---|---|---|---|---|
| Mr. R. Justin Kennedy | MCA., M.Phil., | Assistant Professor & Head | Networking Security | 2 |
| Mr. A. Vijayakumar | MCA | Assistant Professor | Networking | 2 |
| Mr. T. Semalatha | M.Sc., M.Phil., | Assistant Professor | Software Testing | 1 |

| 8 | Percentage of classes taken by temporary faculty | Nil |
|---|---|---|
| 9 | Programme-wise  Teacher-Student Ratio (2012- 13) | 1:33 |

10   Number of Academic support staff and administrative staff: Sanctioned and Filled

| | Sanctioned | Filled |
|---|---|---|
| Lab Assistant | 2 | 2 |

| 11 | Number of Faculty with On-going Projects | Nil |
|---|---|---|
| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Nil |
| 13 | Research Facility | Nil |

| 14 | Publications | National : Nil<br>International : Nil<br>Chapter(s) in Books : 2<br>Editing Books : Nil |
|----|-------------|------|
| 15 | Details of Patents and Income generated | Nil |
| 16 | Areas of Consultancy and Income generated | Nil |
| 17 | Faculty Recharging Strategies | Attending Conferences, Workshops, Seminars, and Faculty Development Programme. |
| 18 | Student Projects | Not applicable as on date. |
| 19 | Awards/Recognitions Received | Nil |

## 20. Seminars, Conferences Organised

| Year | Date | Seminar/Conference/Workshop | Funding Agency |
|------|------|----------------------------|----------------|
| 2011-2012 | 23.09.11 | National Level Technical Seminar on "Advanced Computing Technologies" | Arul Anandar College, Karumathur. |
| | 09.03.2012 | Workshop on "E-content Development" | Arul Anandar College, Karumathur. |
| 2012-2013 | 13.03.2013 | State Level Seminar on "Recent Trends in Image Processing". | Arul Anandar College, Karumathur. |

## 21. Student Profile

| Name of the Course | Year | Applications Received | Selected | | Pass Percentage | |
|--------------------|------|----------------------|----------|--------|-----------------|--------|
| | | | Male | Female | Male | Female |
| BSc. Computer Science | 2011-12 | 73 | 37 | 13 | Not applicable as on date | |
| | 2012 - 13 | 51 | 35 | 13 | Not applicable as on date | |

| 22 | Diversity of Students | % of students from the College – Nil<br>% of students from the State: 100<br>% of students from other Countries – Nil |
|----|----------------------|------|
| 23 | Number of Students cleared Civil Services, NET, SLET, GATE, etc., | Nil |
| 24 | Student Progression | Students progression   Percentage against enrolled<br>UG to PG                     Not Applicable<br>PG to M.Phil          Not Applicable<br>PG to Ph.D             Not Applicable<br>Ph.D. to Post –Doctoral   Not Applicable<br>Employed<br>Campus selection<br>Other than campus recruitment  Not Applicable<br>Entrepreneurs           Not Applicable |

| 25 | Diversity of Staff | Same parent university – 34%<br>Other University within the State – 66%<br>From other universities in other States – Nil |
|---|---|---|
| 26 | Number of Faculty who were awarded Ph.D.,D.Sc., and D.Litt., during the assessment period | Nil |
| 27 | Infrastructural Facilities | Internet facilities for staff and students: Available<br>Total number of class rooms : 3<br>Class rooms with ICT facility : 1<br>Students' laboratories – Computer Lab : 1 |
| 28 | Number of Students of the department getting financial assistance from the College and other units | Management : 7 |
| 29 | Was any need assessment exercise undertaken before the development of new programmes? | No new programme has been developed during the assessment period. |
| 30 | Does the department obtain feedback from?<br>Faculty on curriculum as well as teaching-learning evaluation?<br><br>Students on staff, curriculum as well as teaching-learning-evaluation<br>Alumni and employers on the programmes and what is the response of the department to the same? | Yes<br>Through Board of Studies Meetings<br><br>Yes,<br>Written Feedback got from students<br><br>Not Applicable as on date |
| 31 | List the distinguished alumni of the Department | Not Applicable as on date |

32. Give details of student enrichment programmes with external experts

| Year | Date | Programme | Expert Name |
|---|---|---|---|
| | 02.08.11 | Computer and its Common Sense | Er. Rajendran, Head,<br>Department of Computer Science,<br>Madura College, Madurai. |
| | 03.09.11 | Workshop on Hardware and Computer Network. | Mr. Maria Yagappa Swamy Doss, Software Engineer, Mani Soft Solution, Kovilpatti. |
| | 23.09.11 | National Level Technical Seminar on "Advanced | 1. Dr.S.Albert Rabara, Associate Professor,<br>   St. Joseph College, Trichy. |

| Year | Date | Topic | Resource Person |
|---|---|---|---|
| 2011-2012 | | Computing Technologies" | 2. Mr.M.Rozario Rajan, Manager Trainee, Object Frontier Software Pvt. Ltd., Chennai.<br>3. Mr. Stallone, Trainer, Infosys, Banglore.<br>4. Mr. P. Sujith Kumar, Human Resource and Sr., Infosys, Mahindra city, Chennai. |
| | 16.12.11 | Time Management | Dr. S. Arul Prasad, Dean of Students, Arul Anandar College |
| | 6.2.12 | Cloud Computing | Mr. Jerald Inigo, Assistant Professor, Loyola College, Chennai |
| | 7.3.12 | Placement and Personality Development Programme | Mr. S. Surya Rajan, Director, DOMS, Fatima College, Madurai |
| | 09.03.12 | Android Operating System | Mr. S. Senthil Kumar, CEO, Eminent Technology Solutions. |
| | 09.03.12 | Workshop on E-content Development | Mr. Edward Packiaraj, E-Content Developer & Consultant. |
| 2012-2013 | 28.06.12 | Personality Development | Dr. S. Michael John Peter, Vice Principal (Shift II), Arul Anandar College, Karumathur. |
| | 11.7.12 | Recent Trends in IT | Mr.Sulthan Ibrahim, Assistant Professor, HKRH College, Uthamapalayam. |
| | 8.8.12 | Operating System | Mrs. R. Uma, Assistant Professor, Nadar Sarawathi College, Theni. |
| | 7.9.12 | Workshop on Genius cup-IT Learning Solution | Mr. Rajanpanjalingam, Senior Software Architechture, Shandi Software Infotech PVT Ltd., Singapore. |
| | 17.9.12 | Project Development | Mr. Kishore Kalita, Manager Operations, Cygnet Informatics, Chennai. |
| | 29.11.12 | Soft Skill Development Programme | Mr. S. Balamurugan, Personality Development Trainer. |
| | 19.12.12 | Web Programming using PHP | Mr. Jerald Inigo, Assistant Professor, Loyola College, Chennai |
| | 19.12.12 | Video Conferencing on Cloud Computing | Fr.John Rose S.J, Santa Clara University, U.S.A. |
| | 07.02.13 | PHP and JOOMLA | Mr. M. Parthiban & Ms. S. Srividhya, Nano Tech Solutions, Coimbatore. |
| | 23.2.13 | Cake PHP | Mr. J. Johnson Jeya Ruban Mr. A.Vivek, Software Engineers, Blaze Software solutions, Madurai. |
| | 13.03.13 | State Level Seminar on "Recent Trends in Image Processing". | 1. Dr. T. Kalaiselvi , Associate Professor, Gandhigram Rural University, Dindigul. |

| | | | |
|---|---|---|---|
| | | | 2. Mr. G. Prakash<br>    Associate Professor, Department of IT,<br>    Sona College of Technology, Salem.<br>3. Mr. A. Vijayadurai,<br>    Associate Professor,<br>    Department of Business Administration,<br>    S.V.N College, Madurai. |
| | 14.03.13 | Placement in Company Aspects | Mr. Srinath, System Engineer, TCS, Chennai |

| 33 | List the teaching methods adopted by the faculty | • Lectures<br>• Discussions<br>• Power Point Presentations<br>• Video Conference |
|---|---|---|
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | • Analysis of Assignments<br>• Observation on students performing a task<br>• Class tests<br>• Quiz programmes<br>• Internal and External assessment exams |
| 35 | Highlight the participation of students and faculty in extension activities | • ARISE, NSS, NCC, ROTARACT<br>• Mr. Vijaya Kumar – ARISE Coordinator of the Department. |
| 36 | Give details of beyond syllabus scholarly activities of the department | • Industrial visits, Guest lecture |
| 37 | State whether the programme/department is accredited/graded by other agencies | No |
| 38 | Computer Science Department              Strengths | • Job oriented course<br>• Highly qualified staff members<br>• E-Content method of teaching<br>• More scope for Higher studies |
| | Weaknesses | • Staff turnover<br>• Lack of research |
| | Opportunities | • Focus on research<br>• Student development activities |
| | Challenges | • Develop soft skills among slow learners |
| 39 | Future Plans of the Department | • Starting M.Sc. Computer Science<br>• To undertake MoU with Industries and Universities |

## DEPARTMENT OF COMMERCE

| 1 | Name of the department and its year of establishment | Commerce - 1999 |
|---|---|---|
| 2 | Programmes /Courses Offered | B.Com. with Computer Application |
| 3 | Interdisciplinary Courses and Departments involved | Nil |
| 4 | Annual/Semester/Choice Based Credit System | Semester and CBCS |
| 5 | Participation of the Department in the courses offered by other Departments | Non-Major Elective offered to B.B.A., IT&M., and Physical Education<br>B.B.A –Entrepreneurship Development<br>IT&M - Multimedia<br>Physical Education –First Aid and Injury Management.<br>SLC- Management information system<br>FC- B.B.A Department |

6  Number of teaching posts sanctioned and filled

| Designation | Regular | | Self-Financed | |
|---|---|---|---|---|
| | Sanctioned | Filled | Sanctioned | Filled |
| Associate Professor | - | - | - | - |
| Assistant Professor | - | - | 10 | 10 |

7. Faculty Profile  2012-2013

| Name | Qualification | Designation | Specialisation | No. of years of experience in this college |
|---|---|---|---|---|
| Dr. S. Michael John Peter | M.A., M.Phil., Ph.D. | Assistant Professor & Head | Labour Management | 1+ 27* *(Worked in Economics Department) |
| Fr. Roosevelt Fernando, S.J., | M.A., M.L.M., M.Ed. | Assistant Professor | Principles of Management | 10 |
| Mrs. S.Rajeswari | M.Com., M.Phil., M.B.A. | Assistant Professor | Banking | 07 |
| Mr. A. Sahayaraj Alexander | M.Com., M.Phil., M.B.A. | Assistant Professor | Auditing | 07 |
| Mr. A. Stephen Jeyaraj | M.Com., M.Phil., M.B.A. | Assistant Professor | Accountancy | 06 |
| Mr. R. Kadher Farook | M.C.A., M.Phil.(C.S) | Assistant Professor | Image Processing | 06 |
| Dr. S. Amutha | M.Com., M.Phil., Ph.D. | Assistant Professor | Marketing | 06 |
| Mrs. M.Virgin Arockia Mary | M.C.A., | Assistant Professor | Data Base | 04 |
| Mrs. P.Sahaya Princy | M.Com., M.Phil., | Assistant Professor | Income Tax | 02 |
| Mrs. P.Arockia Juliet | M.Com., M.Phil. | Assistant Professor | Tally | 01 |

| 8 | Percentage of classes taken by temporary faculty | Nil |
|---|---|---|
| 9 | Programme-wise  Teacher-Student Ratio | 1:37 |
| 10 | Number of Academic support staff and administrative staff: Sanctioned and Filled | Nil |
| 11 | Number of Faculty with On-going Projects | Nil |
| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Nil |
| 13 | Research Facility | Not applicable |
| 14 | Publications of Papers | National                 : 2<br>International        : Nil<br>Chapter(s) in Books   : 1<br>Editing Books        : Nil |
| 15 | Details of Patents and Income generated | Nil |
| 16 | Areas of Consultancy and Income generated | Nil |
| 17 | Faculty Recharging Strategies | Attending Conferences, Workshops and Seminars |
| 18 | Student Projects | Percentage of students doing projects in collaboration with industries / institutes - 100% |
| 19 | Awards/Recognitions Received | Nil |

20. Seminars, Conferences Organised

| Date | Seminar/Conference | Funding Agency |
|---|---|---|
| 9th March, 2009 | Issues in E-Commerce Today and Tomorrow | Management |
| 17th March, 2010 | Emerging Trends in Business and Commerce | Management |
| 19th & 20th January, 2011 | Aftermath of  Globalization | Management |
| 9th December, 2011 | Soft Skills | Management |
| 30th January, 2013 | Entrepreneurship in India A  Road Ahead | Management |

21. Student Profile

| Year | Applications Received | Selected | | Pass Percentage | |
|---|---|---|---|---|---|
| | | Male | Female | Male | Female |
| 2008-2009 | 315 | 80 | 17 | 79 | 86 |
| 2009-2010 | 268 | 82 | 13 | 60 | 56 |
| 2010-2011 | 189 | 85 | 13 | 71 | 88 |
| 2011-2012 | 165 | 85 | 19 | 70 | 60 |
| 2012-2013 | 141 | 109 | 32 | 62 | 69 |

## 22. Diversity of Students

| Name of the Course | % of students from the College | % of students from the State | % of students from other States | % of students from other Countries |
|---|---|---|---|---|
| B.Com. with Computer Applications | NA | 99% | 1% | Nil |

| 23 | Number of Students cleared Civil Services, NET, SLET, GATE, etc., | Nil |
|---|---|---|

## 24  Student Progression

| Students Progression | Percentage Against Enrolled | | | |
|---|---|---|---|---|
| | 2008-09 | 2009-10 | 2010-11 | 2011-12 |
| UG to PG | 25 | 31 | 44 | 48 |
| PG to M.Phil | - | - | - | - |
| PG to Ph.D | - | - | - | - |
| Ph.D. to Post – Doctoral | - | - | - | - |
| Employed | | | | |
| • Campus selection | Nil | Nil | Nil | Nil |
| • Other than campus recruitment | Nil | Nil | Nil | Nil |
| Entrepreneurs | | | | |

| 25 | Diversity of Staff | Same parent university – 90%<br>Other University within the State – 10%<br>From other universities in other States – Nil |
|---|---|---|
| 26 | Number of Faculty who were awarded Ph.D.  during the assessment period | One<br>Dr. S. Amutha, Madurai Kamaraj University in  2011 |
| 27 | Infrastructural Facilities | Internet facilities for staff and students: Available<br>Total number of class rooms          : 6<br>Class rooms with ICT facility        : 1 - Shared<br>Common Computer Lab            : 1 - Shared |
| 28 | Number of Students of the department getting financial assistance from the College and other units | 60 |
| 29 | Was any need assessment exercise undertaken before the development of new programmes? | Nil |

| 30 | Does the department obtain feedback from? | |
|---|---|---|
| | Faculty on curriculum as well as teaching-learning evaluation? | Yes<br>Through<br>Board of Studies meeting<br>Department meeting |
| | Students on staff, curriculum as well as teaching-learning-evaluation | Yes<br>Feedback taken by department on curriculum and teaching |
| 31 | List the distinguished alumni of the Department | • Mr. Edwin Raja, Dealer, Escort Tractors, Madurai.<br>• Mr. Pandi Durai, Advocate, High Court Branch Madurai.<br>• Mr. Siluvai Nesa Pandian, Assistant Professor, Vel Tech University, Chennai.<br>• Mr. Ilaya Raja, Area Manager ICICI Bank.<br>• Mr. R. Kadher Farook, Assistant Professor, Arul Anandar College, Karumathur.<br>• Mr. Alex Benita, Sales Development Manager, HDFC Chennai.<br>• Mr. Karthickeyan, Photogrametric Engineer, Mine Code India Pvt Ltd.<br>• Mr. Vishva, Garments Business, Madurai.<br>• Mr. Joseph, Software Engineer, Chennai.<br>• Mr. Krishna, Export Business, Kerala. |

32 Give details of student enrichment programmes with external experts:

| Date | Name of the Programme | Title | Expert's Name |
|---|---|---|---|
| 11th & 12th March, 2008 | State Level Seminar - 2008 | Contribution of Service Sector to Indian Agriculture | Dr. G.Alagumani, Professor, Dept. of Agricultural Economics, A C & R I, Madurai |
| 9th March, 2009 | State Level Seminar – 2009 | Issues in E-Commerce: Today & Tomorrow | Mr. R. Sivarajah, J M D & CEO, Winways Systems (P) Ltd, K.K.Nagar, Madurai |
| 7th March, 2010 | State Level Seminar – 2010 | Emerging Trends in Business & Commerce | Mr. N. Soma Sundaram, President, MADITSSIA, Madurai |
| 19th & 20th January 2011 | State Level Seminar – 2011 | Aftermath of Globalisation | Fr. Dr. Xavier Alphonse S.J., Member - UGC |
| 9th December, 2011 | State Level- 2011 | Soft Skills | Dr.M. Mathirajan, Principal, Research Scientist, Bangalore. |
| 30th January, 2013 | State Level- 2013 | Entrepreneurship in India – Road Ahead | Dr. N. Raja Sekaran, Sree Vee Business School, Dindigul. |

| 33 | List the teaching methods adopted by the faculty | • Lecture<br>• Power Point Presentation<br>• Group Discussion / Open Book System<br>• Student Seminar |
|---|---|---|
| 34 | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | • Department meeting<br>• Evaluation meeting at the end of the every Semester<br>• Analysis of Assignments<br>• Through Class tests<br>• Quiz programmes<br>• Internal and External assessment exams |
| 35 | Highlight the participation of students and faculty in extension activities | • Participation of II year Major Students in the college extension programme ARISE, YRC, NSS, NCC.<br>• Mr. A.Stephen Jeyaraj is in-charge for YRC Programme<br>• Mr.A.Sahayaraj Alexander is in-charge of NSS Programme Officer.<br>• Mr. A. Stephen Jeyaraj, Mr. R.Kadher Farook are in-charge for ARISE Programme. |
| 36 | Give details of beyond syllabus scholarly activities of the department | • Arranging Conferences/Seminars/Workshops<br>• Encouraging and training students to present papers in conferences/seminars<br>• Promotion of extra-curricular and co-curricular activities among students<br>• Planning Evaluation and Orientation Programme for the outgoing students at Vaigai Dam |
| 37 | State whether the programme/department is accredited/graded by other agencies | Nil |
| 38 | Commerce Department<br><div align="right">Strengths</div> | • Two of the faculty members are Ph.D. holders<br>• Three Staff Members are M.B.A Degree holders<br>• Two Staff Members are pursuing Ph.D. |
| | <div align="right">Weaknesses</div> | • First Generation Students |
| | <div align="right">Opportunities</div> | • Video Conference Teaching<br>• To get Minor Projects |
| | <div align="right">Challenges</div> | • Publication in Refereed Journals |
| 39 | Future Plans of the Department | • Consultancy Services |

# DEPARTMENT OF COMPUTER APPLICATIONS

| | | |
|---|---|---|
| 1 | Name of the department and its year of establishment | Computer Applications - 1999 |
| 2 | Programmes /Courses Offered | MCA |
| 3 | Interdisciplinary Courses and Departments involved | Nil |
| 4 | Annual/Semester/Choice Based Credi System | Semester and CBCS |
| 5 | Participation of the Department in the courses offered by other Departments | Non-major Elective-"Thermal Physics" from Physics Department<br>Non major Elective-"Mathematics for life" from Mathematics Department |

## 6. Number of Teaching Posts Sanctioned and Filled

| Designation | Regular | | Self-Financed | |
|---|---|---|---|---|
| | Sanctioned | Filled | Sanctioned | Filled |
| Associate Professor | - | - | - | - |
| Assistant Professor | - | - | 6 | 6 |

## 7. Faculty Profile

| Name | Qualification | Designation | Specialisation | No. of experience in this college |
|---|---|---|---|---|
| Mr. B. Johnson | M.C.A, B.Ed., M.Phil., | Assistant Professor & Head | Web Technology | 8 |
| Ms. I. Juliet Shanthi | M.C.A, M.Phil. | Assistant Professor | C++ | 5 |
| Mr. M. Saravanan | M.C.A, B.Ed. | Assistant Professor | Java | 3 |
| Ms. M. Arockia Selvi | M.C.A. | Assistant Professor | Advanced Java | 1 |
| Ms. R. Josephine Therese | M.C.A, M.Phil., | Assistant Professor | Networking | 1 |
| Ms.G.Murugeswari | M.C.A. | Assistant Professor | Java | 1 |

| | | |
|---|---|---|
| 8 | Percentage of classes taken by temporary faculty | Nil |
| 9 | Programme-wise  Teacher-Student Ratio (2012- 13) | 1 : 8 |

## 10. Number of Academic support staff and administrative staff Sanctioned and Filled

| M.C.A. Lab Assistant | |
|---|---|
| Sanctioned | Filled |
| 1 | 1 |

| | | |
|---|---|---|
| 11 | Number of    Faculty with On-going Projects | Nil |
| 12 | Department Projects Funded by DST-FIST; DBT, ICSSR, etc., | Nil |

| 13 | Research Facility | Nil |
|----|------------------|-----|
| 14 | Publications | National : Nil<br>International : Nil<br>Chapter(s) in Books : 1<br>Editing Books : 2<br>Books With ISBN : 1 |
| 15 | Details of Patents and income generated | Nil |
| 16 | Areas of Consultancy and income generated | Nil |
| 17 | Faculty Recharging Strategies | • Attending Faculty Development Programme<br>• Workshops<br>• Seminars and National Conference |
| 18 | Student Projects | Percentage of students who have done in-house projects including inter departmental : 100%<br>Percentage of students doing projects in collaborations with industries/Institutes : 100% |
| 19 | Awards/Recognitions Received | Nil |

20. Seminars, Conferences Organised

| Date | Topic | National / International | Source of Fund |
|------|-------|--------------------------|----------------|
| 9th & 10th December 2009 | Conference on Data Mining and its Applications | National | Tamil Nadu State Council for science and Technology, Chennai. |
| 12th March, 2010 | Workshop on Software Testing | State | Management |
| 10th & 11th March, 2011 | Conference on Emerging Trends in Software Technologies | National | Management |
| 24th September 2010 | Seminar on Advanced Computing Technologies | State | Management |
| 23rd September 2011 | Seminar on Advanced Computing Technologies | National | Management |
| 14th March, 2013 | Conference on Recent Trends in Computing Technologies | National | Management |

## 21. Student Profile

| Year | Name of the Course | Applications received | Selected | | Pass percentage | |
|---|---|---|---|---|---|---|
| | | | Male | Female | Male | Female |
| 2008-2009 | MCA | 57 | 21 | 9 | 91 | 91 |
| | PGDCA | 11 | 9 | 2 | 75 | 100 |
| 2009-2010 | MCA | 14 | 3 | 2 | 94 | 90 |
| | PGDCA | 15 | 10 | 5 | 91 | 67 |
| 2010-2011 | MCA | 32 | 17 | 4 | 95 | 100 |
| 2011-2012 | MCA | 17 | 11 | 3 | 100 | Nil |
| 2012-2013 | MCA | 17 | 10 | 7 | 87 | 75 |

| 22 | Diversity of Students | % of students from the College : 38 <br> % of students from the State : 100 <br> % of students from other Countries : Nil |
|---|---|---|
| 23 | Number of Students cleared Civil Services, NET, SLET, GATE, etc., | Nil |

## 24. Student Progression

| Year | PG to M.Phil. (%) | PG to Ph.D. (%) | Ph.D. to Post-Doctoral (%) | Employed | | Entrepreneurs |
|---|---|---|---|---|---|---|
| | | | | Campus selection (%) | Other than campus recruitment (%) | |
| 2008-2009 | 10 | - | - | - | 80 | 5 |
| 2009-2010 | - | - | - | - | 100 | - |
| 2010-2011 | - | - | - | - | - | - |
| 2011-2012 | - | - | - | - | - | - |
| 2012-2013 | - | - | - | - | - | - |

| 25 | Diversity of Staff | Same parent university : 83.3% <br> Other university within the State : 16.7% <br> From other universities in other States - Nil |
|---|---|---|
| 26 | Number of Faculty who were awarded Ph.D., D.Sc., and D.Litt., during the assessment period | Nil |
| 27 | Infrastructural Facilities | Library - Available <br> Internet facilities for staff and students :Available <br> Total number of class rooms : 3 <br> Class rooms with ICT facility: 1 <br> Students' laboratories: 1 <br> Research laboratories: Nil |
| 28 | Number of Students of the department getting financial assistance from the College and other units | Management : 14 |
| 29 | Was any need assessment exercise undertaken before the development of new programmes? | No new programme was started. |

| 30 | Does the department obtain feedback from? | |
|---|---|---|
| | Faculty on curriculum as well as teaching-learning evaluation? | Yes Through: Board of Studies Department meeting |
| | Students on staff, curriculum as well as teaching-learning-evaluation | Yes Oral and written feedback is received from the MCA students |
| | Alumni and employers on the programmes and what is the response of the department to the same? | Yes Yearly once arranged alumni meeting and get the feedback about the standard of Curriculum, Teaching and evaluation methods, Infrastructure and Placement facilities. |

31. List of distinguished Alumni of the Department

| S. No. | Name | Designation & Work Place |
|---|---|---|
| 1 | Mr. J. Jabez | Senior Software Engineer, HCL, Chennai. |
| 2 | Mr. Bruno Cruz | SAP Consultant, Visnova Solutions Pvt . Ltd, Chennai. |
| 3 | Mr. S. Samuel | Senior Software Engineer, Cambridge Solutions Ltd. |
| 4 | Mr. J. Jude Pradeep Micheal | Software Developer, Sify Technologies Ltd, Taramani, Chennai. |
| 5 | Mr. K R Frederic Ozanam | IT Analyst ,Tata Consultancy Services, Sydney, Australia. |
| 6 | Mr. S.A.Vasanthan | QA Engineer, Cogent Innovation Pvt Ltd , Chennai. |
| 7 | Mr. Abilash Thomas R | Oracle Developer, TCS, Chennai. |
| 8 | Mr. Ancy Thomas | S/W Engineer, CIL, Mysore. |
| 9 | Mr. Deva Raj | SAP Engineer, Standard Chartered, Bangalore. |
| 10 | Mr. Christy Sumitha V | Lecturer, Loyola College, Chennai. |

32. Give details of student enrichment programmes with external experts

| Date | Programme | External Experts |
|---|---|---|
| 13th March, 2009 | Inter Collegiate Competitions | Mr. M. Muthu Kumar, M.D, Invictus Solutions ( P) Ltd, Chennai |
| 12th January, 2011 | Guest Lecture on Software Engineering | Mr. Jeya Prakash, Agility Software Pvt.Ltd |
| 6th March, 2012 | Placement Training Programme | Dr. Suriyaraj, Director of Management Studies, Fatima College, Madurai |
| 26th September, 2010 | Intra Departmental Competition | Dr. M. Maria John Kennedy, Associate Professor, Department of Economics, Arul Anandar College. |
| 29th, November, 2012 | Placement Training Programme | Mr. Balamurugan, Soft Skill Trainer, Usilampatti. |

| 33 | List the teaching methods adopted by the faculty | Lectures<br>Demonstration<br>Group Discussion<br>Students' Seminar<br>Teaching through Videos<br>Teaching through:<br>• Journals<br>• E-Books<br>• Online Aptitude Test<br>• Quiz<br>• Paper Cutting<br>• Intra Department Technical<br>• Competitions |
|---|---|---|
| | How does the department ensure that programme objectives are constantly met and learning outcomes monitored? | Program objectives ensured by:<br>• The outgoing percentage of first generation learner in MCA.<br>• The percentage level of placement.<br>• Evaluation meeting at the end of every Programme.<br>• Feedback from the students. |
| 35 | Highlight the participation of students and faculty in extension activities | • Students involved in ARISE program.<br>• Staff developed a software and website for college programme. |
| 36 | Give details of beyond syllabus scholarly activities of the department | • Guiding the students to attend the campus interview.<br>• Departmental notice board maintained to develop the students.<br>• Extra Lab Hours for Extra Learning.<br>• Engage the students to develop Software Model/Project.<br>• To conduct "Staging -Student Presentation " once in a month.<br>• Technical Competitions.<br>• Soft Skill Development programmes.<br>• Placement Training.<br>• Encourage the students to participate in Inter college competitions. |
| 37 | State whether the programme/department is accredited/graded by other agencies | No |

| 38 | Computer Applications Department Strengths | • Encourage the students in extracurricular activities.<br>• Regular aptitude test<br>• Training in communicative English and soft skills<br>• Placement training. |
|----|---|---|
|    | Weaknesses | • Lack of research activities. |
|    | Opportunities | • Research Activities.<br>• Paper Publications.<br>• NET/SLET Coaching. |
|    | Challenges | • Regular update of syllabi as per current changes in the software field. |
| 39 | Future Plans of the Department | • Starting research, consultancy and software development cell.<br>• Starting e-content development cell.<br>• Arrange regular on-campus for the student placement<br>• To establish tie up with Loyala College, Chennai, St. Joseph's College, Trichy and St. Xavier's College, Palayamkottai. |

# CENTRE FOR WOMEN'S STUDIES

Name of the Department    :  Centre for Women's Studies
Year of Establishment     :  2009
Non Major Elective Offered  :  Introduction to Gender Studies

## Report of the Activities carried out from October 2009 to March 2013

### Teaching

| Date | Name of the Programme | Name of the Resource Persons |
|---|---|---|
| 23.10.2010 | Guest Lecture on Women in Health for II year non-major elective students | Dr. B. Kalpana, MD (OG) F.N.B. (R.M), Guru Cancer Centre, Pykara, Madurai – 625 004. |
| 23.08.2011 | Guest Lecture on Women in Health for II year non-major elective students | Dr. Pricilla, Assistant Professor, Department of Zoology, Lady Doak College, Madurai-625 004. |
| 11.10.2012 | Guest Lecture on Women in Health for II year non-major elective students | Dr. S. Punitha, Assistant Medical Officer, Govt. Primary Health Officer, Elumalai, Madurai (DT). |

### Training

| Date | Name of the Programme | Name of the Resource Persons |
|---|---|---|
| 14&15.9.2010 | Yoga Training for Physical and Mental Health for III year girl students | Dr. Hemamalini, Nagamalai, Madurai-625 019 |
| 20.12.2011 | One day Training Programme on Soft Skills for Girl students of IT of rural colleges in and around Madurai district | Fr. Godwin Rufus, S.J., Deputy Principal (Shift-II), Arul Anandar College, Karumathur. Dr. K. Alamar, Head, Dept of Commerce, Arul Anandar College. Ms.Uma, Asst.Professor, Dept.of English, Subbulakshmi Lakshmipathy College of Science, Madurai |

| | | |
|---|---|---|
| 11.2.2012 | One day Training Programme on Mentor Care for Women Faculty of our College | Fr. Godwin Rufus, S.J., Deputy Principal (Shift-II), Arul Anandar College, Karumathur. Mr.M.Ramanathan, Assistant Professor, Arivuthirukovil, ManavalakalaiMandram, Nilakottai. |
| 20&21.3.2012 | Two Day Leadership Training Programme for elected Women Representative of Chellampatti Panchayat Union | Mr. M. A. Thirunavukkarasu, Panchayat Raj Researcher, Gandhigram Rural Institute, Gandhigram. Mr. J. Christohper, State Secretary, Puratchi Bharatham, Tamil Nadu. |
| 6.09.2012 | One Day Leadership Training Programme for II and III year girl students | Fr.Godwin Rufus, S.J., Deputy Principal(Shift-II), Arul Anandar College, Karumathur. |
| 9.10.2012 & 10.10.2012 | Two -Day Capacity Building Training Programme for Women Panchayat Presidents and Ward Members of Madurai District | Dr. M. Rajiakodi, Controller of Examinations, Madurai Kamaraj University, Madurai Mr. Amaladoss, Development Consultant, Thiruvannamalai. Ms. Palaniammal, State Level Co-ordinator from People's Watch. |
| 30.11.2012 | One day Leadership Training Programme for Self Help Group for Self Help Group Leaders | Mr.V.Jaishankar, District Support Officer of UNICEF Field office – Tamilnadu and Kerala. Mr.Amaladoss, Development Consultant, Thiruvannamalai. |

**Field Actions**

| Date | Name of the Programme | Name of the Resource Persons |
|---|---|---|
| 23.06.2010 | Awareness Programme on Legal Literacy for Self Help Group Members | Ms. Selva Gomathi, Secretary, Human Rights Cell, SOCO Trust, Madurai- 625 020 |
| 23.08.2011 | Antenatal Care cum Medical Examination for Rural Women of Chellampatti Union | Dr. Mekala, Thembhavani Hospital, Madurai. |

## Seminar / Workshops

| Date | Name of the Programme | Name of the Resource Persons |
|---|---|---|
| 4.8.2010 | Workshop on Gender Sensitization for Local School Teachers | Ms. Bimla Chandra Sekar, Director, EKTA, Resource Centre for women, Ponmeni, Madurai - 10<br>Ms. A. Gandhimathi, Development Consultant,  EKTA, Resource Centre for women, Ponmeni, Madurai-10 |
| 11.2.2011 | One day state level seminar on Issues and Challenges of Working Women for Students, outside participants | Dr.Jeyalakshmi,<br>Rajiv Gandhi National Institute of Youth Development, Sriperumbudur.<br>Dr. Sugandha Ramamoorthi, Controller of Examinations, Indian Maritime University, Chennai. |
| 7.12.2012 | One-Day Seminar on "Women's rights are Human rights" for Girl Students | Ms. S. Selva Gomathi, Secretary, Human Rights Cell, SOCO Trust, Madurai. |

## Legal Literacy Programme

| Date | Name of the Programme | Name of the Resource Persons |
|---|---|---|
| 8.12.2009 | Domestic Violence Against Women for Teaching  and Non-Teaching Faculty | Ms. Radha, Advocate, People's Watch, Madurai |
| 18.12.2009 | Women and Law for Girls Student | Ms. Jeyasri, Advocate, Guest Lecture, Madurai Law College, Madurai |
| 8.01.2010 | Women and Criminal Law for Girl Students | Mr. Suresh, Advocate, Guest Lecture, Madurai Law College,  Madurai |
| 29.01.2010 | Women and Marriage Law for Girl Student | Ms. Selva Gomathi, Secretary, Human Rights Cell, SOCO Trust, Madurai-625 020 |
| 14.12.2010 | Women's Rights are Human Rights for Girl students | Ms. Gandhimathi, SS Colony, Madurai-10 |

## Awareness Programme

| Date | Name of the Programme | Name of the Resource persons |
|---|---|---|
| 27.10.2009 | Awareness Programme on Breast Cancer for SHG Leaders | Dr. Balamurugan, Director, Guru Cancer Centre, Madurai |
| 18.08.2010 | Awareness Programme on Breast Feeding for Women Faculty of our college | Dr.Kalpana, MD (OG) F.N.B. (R.M), Guru Cancer Centre, Madurai. |
| 12.01.2010 | Women's Issues for Girl Students | Ms. Kutti Revathy, Feminist Writer, Vadapalani, Chennai-600 026 |
| 30.09.2010 | Awareness  Programme  on  Women  in Media for II & III year girl students | Ms. AR. Meyyammai, Special Correspondent, DECCAN Chronicle, Chennai. |

**Orientation Programme**

| Date | Name of the programme | Name of the Resource persons |
|------|----------------------|------------------------------|
| 6.02.2010 | Pedagogy of Gender Studies for Centre Staff | Dr.Sugandha Ramamoorthi, Director, Centre for Women's Studies, Lady Doak College, Madurai. |
| 25.09.2010 | Women's Issues Women Faculty of our college | Dr. N. Manimekalai, Director, CWS, Bharathidasan University, Trichy |
| 30.07.2010 | Guest lecture on Enhancing Mental Health for Women for I Year girl students | Ms. Jayanthi, Counsellor, Arul Anandar College, Karumathur. |
| 4.07.2011 | Counselling Session on Personality Development for I Year girl students | Fr.Vincent, Correspondent, St.John Matriculation School, Kochadai, Madurai- 625 019 |
| 23.02.2012 | Orientation Programme on Exporting Procedures for II Year girl students | Ms.S.Sridevi, MBA, ACS, MA., CEO, Brindha Exports, Madurai. |

**Paper Presentation in Seminar/ Workshop / Conferences**

| Name of Participants | Programme (Seminar/ Workshop/ Conference/ Symposia) | State level/ National level/ Regional | Theme / Title of the seminar | Title of the Paper | Place | Date |
|---|---|---|---|---|---|---|
| Ms. J. Jeyanthi, Students Counsellor | Seminar | State Level | Women in Social Engineering | Women in Restoration of life | Lady Doak College, Madurai | 4.10.2010 |
| Ms. S. Amutha,  Assistant Professor | Seminar | State Level | Women in Social Engineering | Constraints of Women Entrepreneurs | Lady Doak College, Madurai | 4.10.2010 |
| Ms. K. Raja Rathi, Assistant Professor | Seminar | State Level | Women in Social Engineering | The role of Women Writers in social Engineering | Lady Doak College, Madurai | 4.10.2010 |
| Ms. Ramakrishnan Deepa, Assistant Professor | Seminar | State Level | Women in Social Engineering | The role of Women Self Help Groups (Tamilnadu) in Social Engineering | Lady Doak College, Madurai | 4.10.2010 |
| Ms. Jayalakshmi, Assistant Professor, Department of IT & M | Seminar | State Level | Myths and Realities of Women Empowerment | Women Entrepreneurship in India | Ayya Nadar Janaki Ammal College, Sivakasi. | 06.01.2011 |

**Participation in Seminar/ Workshops/ Conferences**

| Programme (Seminar/ Workshop/ ConferenceSymposia) | Level (State level/ National level/ Regional) | Theme / Title of the seminar | Sponsor | Place | Date |
|---|---|---|---|---|---|
| Workshop | State Level | Capacity Building of Women Managers in Higher Education | UGC, New Delhi | Lady Doak College, Madurai | 05.01.2010 to 09.01.2010 |
| Seminar | Regional | Women in Social Engineering | UGC, New Delhi | Lady Doak College, Madurai | 4.01.2010 |
| Workshop | Regional | Gender Sensitization | AIACHE, New Delhi | St. Justin's College of Education, Madurai | 30.01. 2010 |
| Workshop | Regional | Gender Sensitization | AIACHE, New Delhi | St. Justin's College of Education, Madurai | 30.01. 2010 |
| Workshop | State Level | Domestic Violence | UGC, New Delhi | SOCO Turst, K.K. Nagar, Madurai | 6.09.2010-21.09.2010 |
| Workshop | Regional | Capacity Building of Women Managers in Higher Education | UGC, New Delhi | P.S.G.R. Krishnammal College for Women, Coimbatore | 21.01.2011-25.01.2011 |
| Workshop | Regional | Family stability and Liberalized Society-A Paradox | UGC, New Delhi | Lady Doak College, Madurai | 15.02.2011 |
| Workshop | Regional | Understanding Women's Studies as an Academic Discipline | UGC, New Delhi | Bharathidasan University, Tiruchirappalli. | 28.02.2011-01.03.2011 |
| Workshop | State Level | Gender Justice | UGC, New Delhi | SOCO Turst, K.K. Nagar, Madurai | 10.12.2011 |
| Workshop | State Level | Access to Justice: Women and Senior citizen | UGC, New Delhi | SOCO Turst, K.K. Nagar, Madurai | 21.03.2012 |
| Workshop (SAM) | State Level | UGC Capacity Building of Women Managers in Higher Education | UGC New Delhi | Madurai Institute of Social Science, Madurai | 26.03.2012 to 30.03 2012 |

# NATIONAL CADET CORPS (NCC)

| S. No | Date | Name / Number of Cadets | Title / Nature of Camp / Award & Place |
|---|---|---|---|
| 1 | 26th January, 2009 | CDT. D. Madeline Bapestha (07RD1612) | Participation in Republic Day Parade and Tea with the President of India, Rashtrapathy Bhavan, New Delhi |
| 2 | 20th October to 18th November, 2008 | Lt. Dr. M Lellis Thivagar | Refresher Course, Officers Training Academy, Kamptee, Nagpur |
| 3 | 2009 – 10 | 2 cadets | Tamilnadu Scholarship Award for outstanding NCC cadets of Rs.1200/- each |
| 4 | 1st to 15th December, 2010 | CDT. K. Raja (10MA1437) | Basic Course in Mountaineering, Nehru Institute of Mountaineering, Uthrakhand |
| 5 | 2010 – 11 | Capt. Dr. M Lellis Thivagar | Best NCC Officer, Trichy Group |
| 6 | 2010 – 11 | 2 cadets | Tamilnadu Scholarship Award for outstanding NCC cadets of Rs.1200/- each |
| 7 | 17th to 23rd June, 2011 | CDT. K. Raja (10MA1437) | Advanced Mountaineering Expedition, Bhartakhunta Peak (Height 21576 Ft above Sea Level) |
| 8 | 1st to 13th September, 2011 | SUO. F. Antony Leveil Inigo | All India Tal Sainik Camp (TSC - Boys), New Delhi |
| 9 | 2nd to 13th January, 2012 | 7 cadets | Special National Integration Camp (SNIC), Tezpur University, Assam |
| 10 | 25th September to 15th October, 2011 | 3 cadets | Mountaineering Expedition, Uthrakhand |
| 11 | 2011 – 12 | 7 cadets | Tamilnadu Scholarship Award for outstanding NCC cadets of Rs.2000/- each |
| 12 | 4th to 13th August, 2012 | CDT. M. Priyanka (11EN3774) | Mavlankar Shooting Competition, Kathir College of Engineering, Coimbatore |
| 13 | 14th to 22nd August, 2012 | CDT. M. Priyanka (11EN3774) | Inter Directorate Shooting Competition, Asansol, West Bengal |
| 14 | 20th to 28th May, 2012 | 3 Girl cadets | All India Girls Trekking Expedition, Nilgiris, Tamilnadu |
| 15 | 3rd to 14th July, 2012 | 7 cadets | Special National Integration Camp (SNIC) , St Joseph's School, Kohima, Nagaland |
| 16 | 2nd July to 29th September, 2012 | C/T. J. Robert Dhiliban | Pre Commission Training Course (PRCN) , Officer's Training Academy, Kamptee, Nagpur |
| 17 | 2012 – 13 | CDT. M. Prabhu  (10CM3159) | Sahara Merit Scholarship of Rs.12,000/- |
| 18 | 2012 – 13 | 4 cadets | Tamil Nadu Scholarship Award for outstanding NCC cadets of Rs.2000/- each |

NSS is one of the Part V components in which the students have to put in the required hours of service along with a written examination so as to qualify themselves to obtain the credits. The aim of NSS is to orient the students to community service bringing a change in their social perception.

| Year | Number of Students | | Total |
| --- | --- | --- | --- |
| | Male | Female | |
| 2008-09 | 299 | 79 | 378 |
| 2009-10 | 302 | 70 | 372 |
| 2010-11 | 193 | 46 | 239 |
| 2011-12 | 341 | 194 | 535 |
| 2012-13 | 395 | 186 | 581 |

NSS programmes are characteristically development oriented in nature and are designed in such a way to promote a sense of social concern and leadership quality among the students. Apart from the regular camps, number of awareness programmes, medical camps and rallies are organised. The following programmes were organised by NSS.

- Blood donation Camps.
- Eye Camps.
- Awareness Programmes on "Environment Protection", HIV/AIDS, Youth Welfare, Women Liberation, Gender Disparity.
- Tree Planting.
- Rallies on Global Warming, Anti-Plastic Campaign, Anti-Liquor Awareness, Hygiene Awareness.
- Caring Programmes on HIV/AIDS affected people.
- Programmes though FM Radio
- Street Plays on Social Issues
- Manpower Assistance to Local body elections
- Folk arts training and promotion
- Celebration on Independence Day, NSS Day, AIDS Day, Human Rights Day.

These meritorious programmes have earned number of awards and recognitions.

**Best Volunteer Awards**

- Ms. M. Sumithra (07BA3264) was awarded the University Level Best Volunteer Award for the year 2008-09.
- Mr. Satheesh Kumar (07CM3154) was awarded the State Level Best Volunteer Award for the year 2008-09.
- Mr. T. Joshva (08IT3329) was awarded the State Level Best Volunteer Award for the year 2009-10.
- Ms. Angel Gracius (08EC1101) was awarded State Level Best Volunteer Award for the year 2009-10.
- Mr.Anand (09HS1256) was honoured with NSS Best Volunteer Award in 2011-12

## Best Programme Officer Awards

- Dr.S.Arul Prasad, was awarded the University level Best Programme Officer Award for the year 2009-2010.
- Mr. P. Andrews Kennedy, Programme Officer, was awarded the University Level Best Programme Officer Award for the year 2007-08.
- Ms. S. Jagadeeswari, Programme Officer received the University Level Best Programme Officer Award for the year 2012-13.

## Participation in National Events

- Ms. J. Kodeeswari (07 CM 3131) and Mr. G. Santhana Karthick (07 CM 3151) participated in South Zone NSS Pre-Republic Day parade held at Tiruvananthapuram in November 2008.
- Ms. M. Gowthami (08 CM 3130), NSS Volunteer, participated in the nine-day Special Skiing Course in the Atal Bihari Vajpayee Institute of Mountaineering and Allied Sports, Government of Himachal Pradesh in March 2010.
- Ms.Vincy (10 CH 1548) of II year Chemistry participated in the National NSS Mega Camp at Delhi from 11th - 26th , November 2011.

# PHYSICAL EDUCATION

The Department offers Physical Education as an option under part V.

## 2008-2009

### Women Judo-State Level Tournament

1. P. Kanmani (07PE3505) (Under 60.k.g)      - 1st  Place
2. Meena (06PE3511) (Under 57kg)      - 1st  Place

### State Level Tournaments

1. Hockey - Runner-up - Khajamian Trophy – Organised by Jamal Mohammed College, Trichy.
2. Volleyball - Runner-up - Organised by Madurai Dt. Volleyball Association State Level Tournament, Madurai
3. Netball - Runner-up – "Top 58 sports and Games Tournament" - Organised by "All Sports and Games Associations – Madurai.

### Judo District Level Tournament

M. Hemalatha (Under 20Yrs) 06PE3508  -    1st Place

### Madurai Kamaraj University Level

| Games | M.K.U. 'C' Zone | M.K.U. Champions Trophy |
|---|---|---|
| Badminton | Winner | - |
| Basketball | Winner | III Rank |
| Hockey | Winner | II Rank |
| Football | Runner-up | - |
| Volleyball | Runner-up | - |
| Table Tennis | Runner-up | - |
| Weight Lifting | I Place (63 Kg) | - |
| Swimming (4 x 100m relay) | III Place | - |
| Chess | IV Place | - |

### M.K.U Blues

Three students represented Madurai Kamaraj University (MKU) in the South Zone Inter University Hockey Tournament.

### M.K.U Athletics

1. 4 x 100m Relay – Men      -   II Place
2. V. Thamilalagan – Broad Jump 06MA1445      -   III Place
3. S.  Immaculate 06PE3509 - High Jump      -   II Place

**MUTA (M.K.U Manonmaniam Universities) Athletic Meet**

1.  4 x 100 M. Relay – Women                     -   III Place
2.  S. Immaculate 06PE3509 – High Jump           -   I Place
3.  P. Vallava Rani 08PE3520 - Shot-put          -   II Place
4.  P. Vallava Rani 08PE3520 -Javelin            -   II Place

**M.K.U Inter Zonal Representation**

23 Students represented M.K.U. 'C' Zone in the M.K.U. Inter Zonal Tournaments.
State Level Tournaments Organised
Rev. Fr. Montaud, S.J., Memorial 4th State Level Hockey Tournament for Men and Women.

## 2009-2010

**M.K.University Level**

Ranked Third in M.K.U. Hockey Champion Trophy.

**M.K.U 'C' Zone Level**

Winner – Hockey and Basketball
Runner– up in Football and Volleyball
III Rank – Chess

**M.K.U:** Inter – Zonal Representation

10 Players represented M.K.U. 'C' Zone in Badminton, Foodball, Table Tennis and Kabaddi.

**M.K.U Blues**

Five students represented M.K.U in the South Zone Inter University Tournaments in Football, Hockey, Basketball and Badminton.

**State Level Tournaments Organised**

Rev.Fr. Montaud, S.J., Memorial 5th State Level Hockey Tournament for Men and Women.
Rev.Fr. Prince, S.J., Memorial 2nd State Level Football Tournament for Men.

## 2010 – 2011

**South India Level:**

4th rank in the Kajamian Hockey Tournament Trichy.

**State level – Open Tournament**

4th rank in the Sattur open Football Tournament
Runnerup in Dindigul open Tournament

**M.K.University Level**

Winner – M.K.U. Football Champion Trichy
4th rank – Women Handball.

### M.K.U Blues

Six students represented the M.K.U in the South Zone Inter University Tournaments in Football and Handball.

### M.K.U. Inter zonal Tournaments

Nine players represented M.K.U "C" zone in the M.K.U. Inter – Zonal Tournaments.

### M.K.U. "C" Zone level

Winner in Foot ball, Basket ball and Hockey
Runner up in Volley ball and Badminton
3$^{rd}$ and 4$^{th}$ ranks in Chess

### M.K.U. Atheltic Meet

P.Vallavarani – II Place – Javelin Throw
K.Revathi – II and III Place in 1500 mts & 800 mts. respectively

### Block Level Tournament

Winner – Chellampatti Block
Winner – Lucky star Kabadi Tournament.

### Tournaments Organized

Rev.Fr. Montaud, S.J., 6$^{th}$ Memorial State Level Hockey Tournament for men
Rev. Fr. Prince, S.J., 3$^{rd}$ Memorial State Level Football Tournament.

## 2011-2012

### State Level Tournaments

Runner- up in Rev. Fr. Montaud, S.J., Memorial State Level Hockey Tournament.
Ranked in Rev. Fr. I. Prince, S.J., Memorial State Level Football tournament

### M.K. University Level Achievements

Eight M.K.U. Blues in Football Hockey, Badminton and Handball
Winner M.K. University Football Champion Trophy.
Runner-up M.K. University Hockey Champion Trophy
3$^{rd}$ & 4rd Rank in MKU Women Handball & Football Trophy

### M.K.U. 'C' Zone Level Achievements

Winner in Football and Hockey
Runner-up in Basketball and Shuttle Badminton

### Sedapatti Block Level Achievements

Winner - Volleyball

**District Level Achievement**

| S.No | Name | Place | Event |
|------|------|-------|-------|
| 1. | K.Priyanka | II | High Jump |
| 2. | R.Revathi | II | 3000 mts |
| 3. | G.Algar Raj | III | Hurdles |
| 4. | V.Mathan Kumar | III | Long Jump |
| 5. | T.Ramachandran | II | Javelin Throw |
| 6. | K.Sivamayan | I | Javelin Throw |
| 7. | M.Surya | II | 5000 mts |

**M.K.U. Inter-Zonal Level Representation**

15 players represented M.K.U. 'C' Zone in the Inter- Zonal Tournaments in various games.

**Tournaments Organised**

Rev. Fr. Montaud, S.J., 6th Memorial State level Hockey Tournament

Rev. Fr. Prince, S.J., 4th Memorial State Level Football Tournament.

# 2012 - 13

**National Participation**

**Kdudo Daido Juku**

1. N. Karthikeyan, 10 PE 3506
2. A.M. Karthick, 12 PE 3509
3. M. Sarathkumar, 10 PE 3519

**Madurai Kamaraj University Level**

| | | |
|---|---|---|
| Winner | - | Football |
| Runner-up | - | Hockey |
| Winner | - | MUTA Sports Meet - 2012-Football |
| Runner-up | - | A. Mahasuran, 12 PE 3514 Inter – Zonal - Handball |
| Runner-up | - | P. Saravanakumar, 10 PE 3540 – Inter – Zonal- Badminton |

**M.K.U Blues**

8 Students represented Madurai Kamaraj University in the South Zone in the University Tournaments

**M.K.U Athletics**

K. Priyanka, 10 PE 3516 - High Jump - Third

N. JayaPrabha, 12 PE 3564 - Javelin Throw – Third

**Madurai Kamaraj University 'C' Zone Tournaments**

| | | |
|---|---|---|
| Winner | - | Football, Hockey and Table Tennis |
| Runner-up | - | Basketball and Handball |

### Tournaments Organised

- M.K.U. 'C' Zone Football and Hockey 2012-2013
- Rev. F.C. Montaud, S.J., 8th Memorial State Level Inter Collegiate Hockey Tournament, 19th – 21st February, 2013
- Rev. Fr. I. Prince, S.J., 5th Memorial State Level Inter Collegiate Football Tournament: 26th – 28th February, 2013

### Seminar Organised

- National Level Seminar on "Innovative Concepts in Physical Education and Yoga" on 1st February, 2013

### Services to Local Bodies & Schools

- Provided facilities to organise the Usilampatti 'C' Zonal Schools Athletic Meet – 6th September to 7th September, 2012
- Zonal Events practice by Claret Hr. Sec. School, Karumathur during 28th August – 6th September, 2012
- Tamil Nadu Intercollegiate 20 Cricket Tournament by 20 Cricket Association 25th June – 2nd July, 2012
- Cricket Tournament by the Methodist Church of India 7th July – 21st July, 2012.

## YOUTH RED CROSS

The Youth Red Cross of our college became one of the Part V activities from the year 2008-09. Nearly 150-300 volunteers in each year from both shift I and shift II courses opted for the YRC.  The following are the activities of YRC in the past five years.

### 2008-09

| No | Date | Event | |
|----|------|-------|--|
| 1 | 26.02.09 | Legal Aid to the victims of accident. | |
| 2 | 27.02.09 | First Aid Training |  |
| 3 | 02.03.09 | Golden Hour of Life Saving Mission. | |

### 2009-10

| No | Date | Event |
|----|------|-------|
| 1 | 29.06.09 | Blood Donation at Vadamalayan Blood Bank, Madurai. |
| 2 | 07.07.09 | Blood Donation at Govt. Hospital, Usilampatti. |
| 3 | 29.07.09 | Blood Donation at Govt. Hospital Usilampatti. |
| 4 | 27.08.09 | One day seminar on Global Warming and Observation of the 150th Anniversary of Salaforino. |
| 5 | 21.09.09 | Camp for AIDS Awareness programme. |
| 6 | 07.10.09 | AIDS Awareness Programme at Indian Red Cross Society. |
| 7 | 24.11.09 | Blood Donation at Tamil Nadu State AIDS Control Society |
| 8 | 15.12.09 | Blood Donation at Govt. Rajaji Hospital, Madurai. |
| 9 | 22.02.10 | First Aid Training Programme at St. John Ambulance, Thirumangalam. |
| 10 | 09.03.10 | Blood Donation at Govt. Rajaji Hospital, Madurai. |

### 2010-11

| No | Date | Event |
|----|------|-------|
| 1 | 07.09.2010 | Guest Lecture on 'Organ Donation" at Arul Anandar Colege |
| 2 | 23.09.2010 | Field visit at Azhagusirai |
| 3 | 01.10.2010 | The National Blood Donor's Day at Meenakshi Mission Hospital |
| 4 | 05.10.2010 | Blood Donation Camp, Meenakshi Mission Hospital |
| 5 | 20.01.2011 | First Aid Training Programme at Arul Anandar College |

## 2011-12

| S.No | Date | Event |
|------|------|-------|
| 1 | 27.08.2011 | One day camp at Mercy Home at Madurai |
| 2 | 09.09.2011 | One day First Aid Training Programme |
| 3 | 13.12.2011 | One day programme on Human Rights |
| 4 | 12.01.2012 | Celebration of National Youth Day |
| 5 | 18.01.2012 | Awareness Programme on Consumer and Fundamental Rights |
| 6 | 07.03.2012 | Blood Donation Camp |

## 2012-13

| S.No | Date | Event |
|------|------|-------|
| 1 | 10.08.2012 | Aids Awareness Programme |
| 2 | 22.08.2012 | Geneva Convention Day |
| 3 | 11.09.2012 | First - Aid Training Programme |
| 4 | 19.09.2012 | Visit to Mercy Home at Alagusirai |
| 5 | 06.10.2012 | Orientation Programme on Mental Health and Happiness |
| 6 | 10.01.2013 - 12.01.2013 | A three day University Level Training cum Study camp |

# ROTARACT

The ROTARACT Club was started with the purpose of involving the students to community service with the assistance and guidance of Rotary International. The ROTARACT unit of the College is doing an excellent service to the community. Appreciating the active participation in various activities, like Awareness Rallies and Health Camps. Rotary Club of Madurai, North West donated an incinerator to Women's Hostel.

**Programmes Organised:**

- "Know thyself and Memory Skills", one day leadership programme was conducted on 8th September 2008.
- International Documentary and short film Festival for School students. 3rd and 4th of December, 2008.
- "Helmet Awareness" programme by distributing pamphlets and carrying out a signature campaign was conducted on 18th March, 2008.
- Polio drops campaign at Madurai on 10th January 2010.
- ENT Camp was conducted for school students with the assistance of Dr.M. Savari Rajan, ENT Specialist, on 12th January 2010, 15th February 2011 and 14th February, 2012.
- Blood test camp for 10th and +1 students was conducted on 23rd February 2010.
- Literacy programme for school students by giving hand outs to prepare them for exams.
- Planting of tree saplings was done at Madurai Crematorium.
- Health and Hygiene campaign at Pullaneri village on 11th March, 2010.
- Participated in the Blood Donation Awareness Rally at Gandhi Museum, Madurai on 23rd September, 2010.
- My Madurai Project Rally on Road Safety on 28th January, 2011.
- One day Eye Camp for primary school children on 22nd February, 2012.

# ALL INDIA CATHOLIC UNIVERSITY FEDERATION (AICUF)

The AICUF aims at the empowerment of students towards the liberation of all human persons irrespective of caste, sex, language and belief.

## Objectives

- To develop critical awareness and analysis of the society
- To create a deep and genuine concern for the oppressed and the marginalised
- To evolve spirituality that humanises each society
- To motivate students to study social issues
- To play a prophetic role in their communities in accordance with the inspiration of the Gospel values

## AICUF students participated in the following programmes

- 'Ambedkarism', a cultural programme, on 6th and 17th December at the State Headquarters of the AICUF.
- Three day conference on the topic "Creation of Humane Society", at Athanoor, Pudukottai district from 9th to 11th September, 2009.
- Two day seminar on 'Feminism on Earth' on 14th and 15th January, 2009
- Two day meeting of Dalit and Women Association in the District Headquarters office, Trichy on 18th & 19th July, 2009.
- One day conference on 'Educational Rights' in Villupuram on 25th July, 2009.
- One day National Conference on 'How students can enter into Politics' in Chennai on 3rd June, 2010.
- One day Human Rights conference was organized in Trichy on 25th and 26th September, 2010.
- Documentary film about the genocide of Sri Lankan Tamils was screened on 20th September, 2012.
- Guest Lecture was organized on the topic "The Tamils and Mullai Periyar" on 15th December, 2011.
- Street Drama on the topic opposing Kudankulam Nuclear Project was staged in Arul Anandar College on 20th December, 2012.
- Seminar on the topic "The contribution of students on the freedom of the oppressed people" was held at the head office, Trichy, on 25th December, 2012.

# ARUL ANANDAR INITIATIVE FOR SOCIAL EDUCATION (ARISE)

ARISE is an extension programme initiated in the academic year 1995-96. The programme is implemented in close collaboration with Non-Government Organisations, Government Officials and Local Village Leaders. All the II year UG students are involved in this programme and it carries one credit.

ARISE creates an opportunity for the students to reach out to the people as learners with the knowledge and skill to animate people and help them develop themselves by mobilising the locally available resources.

## Adopted Areas

The ARISE programme is conducted in the selected villages of Chellampatti Blocks, namely, Vadakkampatti, Vadakkampatti Colony, Paloothupatti, Poosaripatti, Kesavanpatti, Kottaiyur, Nathappatti, Janatha Colony, Jeyaraj Nagar, Pulithevanpatti, Moonandipatti South, Moonandipatti North, Mottaianayakkampatti, Pullaneri and Kirampatti.

## Dynamics of the Programme

The programme aims at developing the neighbourhood communities through literacy, health and sanitation and women empowerment. Students in each department will work in teams of 10-15 members, with a team leader as their representative. The work of every team is continuously monitored and evaluated.

## Objectives of the Survey
- To identify the social condition of the villagers.
- Providing guidance to improve their necessities.

## Activities conducted from the year 2008 to 2013

## 2008 – 2009
- The extension Department of ARISE with the help of IT and Management, students created an awareness on various issues like environmental cleanliness, female infanticide, dowry problem from 25th August, 2008 to 25th February, 2009 at Vadakampatti village.
- ARISE conducted a base line survey in collaboration with the Dept. of Physical Education at Pulidevanpatti village and Moonandipatti on 12-09-2009.

## 2009 – 2010
- Science Rally (Cycle Rally) was organized as part of National Science Day Celebrations on 10-11, March 2010.
- Women's Day celebration in Kovilangulam village panchayat with centre for Women studies, Arul Anandar College, Karumathur on 5th March, 2010
- Rupublic day was celebrated in Arul Anandar College campus (jointly with NCC) and the National Flag was hoisted by Fr.Dr. Pushparaj, S.J., on 26th January, 2010.

- Pongal Vizha was celebrated with Primary School Children at Pullanery Village on 14th January 2010.
- Remedial coaching in English for X, XI & XII class students of St.Claret Higher Secondary School, Karumathur and Govt. Kallar Higher Secondary School, Vadakkampatty was conducted by the extension department of ARISE with help of UG Philosophy Students on 5th and 6th December 2009.
- ARISE conducted a three day Social Exposure Camp at Kovilamngulam village for the international students from 09-10-2009 to 11-10.2009 on various themes like environmental conservation and cleanliness, social education. Twenty two students of Kodai International School (KIS) participated in this programme.
- Independence Day was celebrated in the college campus (jointly with NCC) and the National Flag was hoisted by Fr. Dr. Michael Jeyaraj, S.J., Rector, Karumathur on 15th August, 2009.

## 2010 – 2011

| S. No. | Date | Activity | Place |
|--------|------|----------|-------|
| 1 | 06-01-11 | Orientation on Human Rights Programme | DA Hall |
| 2 | 29-01-11 | Medical Camp | Moonandi Patti |
| 3 | 12-01-11 | Awareness Creating & Pongal Celebration | Girampatti |
| 4 | 13-01-11 | Pongal Celebration | P. Pudupatti colony |
| 5 | 26-02-11 | Rural Sports | Pulithevanpatti |
| 6 | 05-02-11 | Supportive Education for Rural Students | Vadakkampatti Mumorrthy Nagar |
| 7 | 15-09-10 | Village Visit | P. Pudupatti Colony |
| 8 | Four Weeks | Data Collection | All villages |

- Orientation Programme on 'Elders empowerment for children development' was conducted on 20-07-2011 at Arul Anandar College.
- ARISE celebrated the pongal festival on 12-01-2011 at Keelapacherri and Melapacherri villages in Chellampatti Block.

## 2011 -2012

- An Orientation Programme for ARISE Faculty Members was organised on 26th & 27th July, 2011. 13 villages were selected for various departments.
- Orientation Programme for all the II year students was organised on 27th July, 2011.
- A health awareness programme for ARISE students both Shift I &II was organised on 28-11-2011. The Resource Person for the programme was Mr.Antony Francis, ICTC Counsellor, Theni Medical College Theni.

1. A one day Free Medical Camp and planting Tree Sapling programme covering three villages in collaboration with National Rural Health Mission unit was conducted on 17-02-2012.
2. ARISE in collaboration with the Department of Chemistry conducted a Rally on 28-02-2012 focusing on Women Education Development and Children Education.
3. ARISE, with help of Dept. of Information Technology & Management, conducted an Awareness Programme on 9th March, 2012 at Kottaiyur focusing on prevention of Child Marriage and Child Labour.
4. ARISE in collaboration with the Dept. of Commerce organized an awareness rally on the evils of alcoholics and drug addiction on 17th March, 2012.
5. ARISE and the Dept of Mathematics jointly conducted on 15th March 2012 four events (Environmental Awareness, Tree samplings, Sports Events and Pongal Festival) at P.Pudupatty village.
6. The ARISE unit and the department of Economics jointly conducted awareness rally on prohibition of Alcohol on 17th March, 2012.
7. The ARISE with the help of Department of Physics conducted environment programme and tree sapling on 20th March, 2012 at Pullanary.

# 2012 -2013

## Service Rendered

- An Eye check up Camp was conducted, in collaboration with Chellampatti Government Hospital on 17-02-2012.
- A Veterinary Camp was organized on 28th August 2012 at pullanari village in collaboration with VETEX of Arul Anandar College. A total of 645 animals were given treatment.
- An environment awareness rally was organized in collaboration with ARD an NGO in all the neighbouring villages of the college on 03.10.2012.
- Based on the need analysis of the ARISE villages, 537 tree saplings were planted in different dates and maintained in collaboration with the help of higher secondary students of each village.
- ARISE enabled the villagers to write petitions about basic necessities like toilets, roads, water, etc and submitted to the Collector of Madurai. Petitions have been forwarded to the appropriate authority for necessary action.
- Rallies were conducted by each department on 18th & 19th February, 2013 in all the villages to create awareness over the dangers of smoking, drinking alcohol, use of tobacco and eating betal leaves. Placards bearing the dangers and warnings of using them were carried out by the students.
- Special tuition classes were conducted in the vadakampatti Higher Secondary School to improve the performance of slow learners.
- Celebration of Women's Day, Republic Day and Pongal festival were organised in the villages by the respective departments on 7th March, 2013.

- A free Dengue Prevention Medical Camp, in collaboration with Government Homoeopathic Medical College and Hospital, was organised on 20th December, 2012 at two Venues, namely, Arul Anandar College and Vadakkampatti Village.
- A one day AIDS Awareness Programme was organized on 05-01-2013 for the HIV affected people in KSKR Community Hall, Madurai.
- A one day Science Exhibition was conducted on 29th January, 2013 on "Uses of Computers in our Daily Lives" at Government Higher Secondary School, Vadakkampatti.
- The Youth Red Cross, in collaboration with ARISE, had organized a "One day Dental Camp" on 1st March, 2013 from 10 am to 4 pm in our college.
- An awareness programme on Women Empowerment at Poosaripatti on 7th March, 2013 besides Sports Meet for children was conducted. Tree saplings were planted.
- An awareness programme was conducted explaining the importance of kitchen gardening. A kitchen garden setup was created for 70 houses on 13th and 27th August 2012. To maintain the cleanliness of the village the plastic waste was removed on 4.1.2013 by ARISE.
- A cultural festival was conducted on different themes on 8th March, 2013 at Moondandipatti village.

## Activities

1. The ARISE organized an orientation for all Second Year Undergraduate Students by each department on 4th, 5th and 9th July, 2012.
2. A survey has been conducted in the ARISE adopted villages by the respective departments from July to August, 2012. A questionnaire with 20 questions was prepared and the survey was conducted with the help of newly developed software ADP.
3. A small booklet was published on 18-08-2012 for the second year students as guide.
4. A Seminar and Rally on Global Warming and Environmental Protection was organized jointly with Association for Rural Development (ARD) on 03.10.2012 at Arul Anandar College Campus. The resource persons for the programme were Mr. G. K. Arun Sundar Thayalan I.A.S., Additional Collector of DRDA, Madurai, Mr. R.Shankarnarayanan, AGM of Madutrai District, Mr. J. Paul Baskar, Chairman of Peace Trust, Dindigul, Dr. Thangasamy, District Manager of NABFINS, Dr. Daizyrani, Executive Director of ARD and Dr. Ambudoss Aravind Coordinator, Nature Club, Arul Anandar College.
5. A five day training was arranged for our field staff from 10-12-2012 to 14-12-2012 at Kandai. It was sponsored by NABARD.
6. Dr. S. Michael John Peter Award was instituted and given to the department of Business Administration on 15th March, 2013 for their outstanding contribution to ARISE.

# VETERINARY EXTENSION (VETEX) CENTRE

It is an Extension Programme run by the Post Graduate Department of Rural Development Science since March 1997. It offers ready services to the villagers in Cattle Management, Animal Treatment and Production practices.

No fee or service charge is collected for any type of case, treatment at the village level veterinary camps. A nominal fee of Rs.10/- is collected as service charge at the VETEX Centre towards animal treatment only.

Its activities are:
- Veterinary treatment to the animals which are brought to the clinic
- Breeding facility to upgrade the local cattle using frozen semen
- Training to the students of Rural Development Science as part of practical programme
- Conducting village level animal health camps
- Offering information on economic farming and dairy milk production to the farmers.

## Target Group

Farmers from 42 selected villages of Chellampatti block, viz, owners of cattle, sheep, goat, pigs and poultry are the direct beneficiaries.

The II year RDS students undergo hands on training.

## On-going Programmes – Services at Clinic and Camps

- Treatment for common diseases
- Artificial Insemination
- De-worming
- Castration
- Immunization
- Pregnancy Diagnosis
- Simple surgical treatments
- Basic pathological examination
- Infertility treatment
- Minor surgery

## Achievements of VETEX

12 Village Level Veterinary Camps were organised with the collaboration of Animal Husbandry Department, Lion's Clubs, NSS units, Chakra Foundation, Aavin Milk Project, ARISE, ASSEFA and World Vision of India during 2008-13.

## Animals Treated:

From June 2008 to March 2013

Number of Village Camps organised      : 12
Total number of cases treated      : 8952
Total Number of artificial insemination      : 1413

# ARRUPE CENTRE FOR POLICY RESEARCH (ACPR)

Arrupe Centre for Policy Research (ACPR) is an initiative of the College aimed at undertaking research and development programmes relating to rural livelihood. This centre was inaugurated in the year 2007-08 and is managed by the Department of Rural Development Science.

## Vision
- Research and Training for Peer Learning and Policy Support.

## Mission
- Facilitating Horizontal Learning among Farmers
- Training in Learning Content Management to Development Personnel
- Establishing data base
- Academic support for Research and Policy Formulation

## Salient Features
1. Rural Resource Data Archive (RRDA) that houses the complete data base of the Chellampatti Panchayat Union.
2. Facilitating Micro Planning through Participatory Rural Appraisal.
3. Partnered with Commonwealth of Learning for "Learning for Development"
4. Britto Agro-Informatic Centre with the Touch Screen Kiosk
5. Vaigai Vivasaigal Nala Sangam with 140 progressive farmers
6. Introduction of one year certificate programme on Multimedia Development.
7. Seed Production Training to 500 farmers sponsored by Canadian International Development Agency (CIDA) and organized by University of Guelph, Canada through Tamil Nadu Agricultural University, Coimbatore.
8. Training to farmers on micro-enterprises like Backyard Poultry Farming, Candle Making, etc.,

To collect, maintain and exchange the data relevant to rural communities in its target villages, the college initiated a data centre called Rural Resource Data Archive (RRDA) with a financial support from Stiching Porticus of Netherlands. The centre collected household information of the entire Chellampatti Panchayat Union, information on infrastructure such as educational institutions, financial institutions, and other government institutions and documented them.

Realizing the need for making the available data useful by promoting development research, this centre was officially called as Aruppe Centre for Policy Research (ACPR).

ACPR undertook the process of helping the people to prepare development project by organizing Participatory Rural Appraisal (PRA). In order to inculcate a sense of commitment among the panchayat leaders ACPR organized one day training to all the panchayat leaders of Chellampatti Panchayat Union.

The development programme of ACPR experienced a facelift when it entered into an agreement with Commonwealth of Learning (COL) in the year 2007. In partnership with COL the centre established the Britto Agro Informatic Centre, organized Vaigai Vivasaigal Nala Sangam with 14 farmers clubs with bank linkage.

The potentialities of this unit were tapped by National Institute for Smart Governance (NISG) for a UN sponsored software development project and ACPR successfully completed all its agreed responsibilities. Besides, ACPR rendered its support to the Indian Overseas Bank to establish information integrated touch screen computer systems at Theni and other locations. The volume of knowledge content in the form of voice mails and other documents developed by ACPR is very high and its services are much helpful in the livelihood support system of the poor in the villages.

In 2008, NAAC peer team visited the unit and appreciated its academic-cum-research-cum- extension activity.

ACPR facilitated the signing of Memorandum of Understanding with the NAMUR University, Belgium and has been rendering research assistance to the research scholars of NAMUR University. This unit also facilitated the student visitors of NAMUR University to have educational exposure in Madurai.

At present, ACPR is in collaboration with the Tamil Nadu Agricultural University, Coimbatore on a seed production programme for the benefit of selected farmers in our target area. With very limited resources, ACPR has done highly appreciable and academically relevant development activities in all these years.

**Achievements at a Glance**

### E -Content Preparation

| S. No. | Year | No. of Contents |
|--------|------|-----------------|
| 1 | 2009 - 2010 (On Touch Screen) | 50 |
| 2 | 2010 -2011 (On Touch Screen) | 102 |
| 3 | 2011-2012 (in CD form) | 50 |
| 4 | 2012-13 ( in CD form) | 25 |
| | Total | 227 |

**Voice Mail Produced**

| S. No. | Year | No. of Voicemails |
|--------|------|-------------------|
| 1 | 2009 - 2010 (I Batch) | 1000 |
| 2 | 2010 -2011 (II Batch) | 2000 |
| 3 | 2011-2012 (III Batch) | 3000 |
| 4 | 2012-2013 (IV Batch) | 2000 |
| | Total | 8000 |
| Agriculture, Animal Husbandry, Health, Education, Legal Matters, Government Schemes. | | |

**Certificate Course on Multimedia for Lifelong Learning and ODL**

**Multimedia Students List**

- I Batch Students (2009-10)          :   16
- II Batch Students (2010-11)         :   32
- III Batch Students (2011-12)        :   29
- IV Batch Students (2012-13)         :   28
  Total students                      :   105

**Animation Training** (7 Days Programme for Students and NGOs Staff)

- Batch 2009-10          : 16 Students + Five AAC Staff + NGO staff
- Batch 2010-11          : 32 Students + Five AAC Staff + NGO staff
- Batch 2011-12          : 29 Students + Five AAC Staff + NGO staff
- Batch 2012-13          : 27 Students + Five AAC Staff + NGO staff

**Seed Production Training supported by CIDA**

- Total Farmers trained in 2011-12     : 350
- Total Farmers trained in 2012-13     : 150

**Other Programs**

- Training for 15 women on candle production, washing power and phenol production.
- Training for 21 men and women on Production of Masala Mix.
- Training for 25 men on Backyard Poultry Farming

# RURAL ACTION DEVELOPMENT AND RESEARCH (RADAR)

**Aim**

- To empower the poor and the marginalised in the rural area.
- To recognise them as persons with human dignity
- To involve individuals and groups in the task of creating a humane society based on the tenets of the Constitution of India.

**RADAR** essentially acts as a catalyst adopting the following strategies:

- Animation of the rural people
- Collaboration between the college and villages through the Department of RDS, and extension units.
- Participatory research by students and staff with the rural community
- Periodical social and community orientation
- On-going training to community workers and leaders.

**Achievements**

**Vocational Training for Rural Unemployed Girls**

- Typewriting Classes
- DTP Classes
- Tailoring

**Development Initiatives for Rural Communities Adopted by the College**

- Eradication of Female infanticide in collaboration with Nehru Yuva Kendra
- Youth and Women Development
- Survey undertaken to enumerate the aged persons to obtain old age pension (O.A.P) from Tamil Nadu Government through Madurai District Collector.

**Education for Students**

- Evening Tuition Classes in Palluthupatty and Gandhinagar villages
- Summer training classes covering Spoken English Class, Type Writing, basic computer training, Personality development, rural folk arts for students of 5th to 10th standards in and around the college. Nearly 120 students, both boys and girls participated and benefitted from this program.

**Guidance to Unorganised Sector**

- On behalf of the unorganised sectors, tailors, street vendors, construction labourers, washer men and women efforts were taken by RADAR to register them with Department of Tamil Nadu Labour Welfare Board, Madurai. Registration Cards have been obtained for 34 rural workers.
- Awareness meetings were conducted in Thirumangalam, Kinnimangalam, Kokkulam Colony, Vadakkampatty, Chinna Kuravakudi and Azhagusirai.

# ENTREPRENURSHIP DEVELOPMENT CELL

| Date | Programme | Resource Person / Place |
|------|-----------|------------------------|
| 28th July, 2011 | Inauguration | Mr.R.S.Babu, Regional Manager, Moser Baer-India Limited Company, Madurai |
| 3rd September, 2011 | One-Day Workshop on Entrepreneurship Training Programme | Mr. Aswath Babu, Free Lancer, Usilampatti |
| 12th January, 2012 | One-Day workshop on Role of Entrepreneurs in the New Millennium | Ms.P.Sridevi, Managing Director, Brinda Exports, Madurai |
| 23rd February, 2012 | Orientation programme on exporting procedures for second years girls students | Ms.Sri Devi MBA., ACS., MA., Eco Brindha Exports, Madurai |
| 3rd March 2012 | Industry visit | V.R. Foundaries, Coimbatore. |
| 28th July, 2012 | Special Lecture on Guidelines to start small business | Mr.M.C. Chokkalingam, Business Consultant, Madurai |
| 6th October, 2012 | Inauguration of Apiculture (Bee Keeping) | Ms. Josephine Selvaraj, Director, Bee Keeping, Madurai |
| 30th January, 2013 | Women Entrepreneurship Development Programme | Ms.P.Sridevi, Managing Director, Brinda Exports, Madurai. |
| 8th & 9th March, 2013 | Industry visit | T.V.S. Automobiles and Kinfra Film & Video part at Thiruvanthuram. |
| 2012–2013 | A study on prospects and problems faced by women entrepreneur in Karaikudi sponsored by Entrepreneurship Development Cell, Arul Anandar College | Karaikudi, Tamil Nadu. |

# COMPUTER COURSE FOR RURAL GIRLS (CCRG)

The CCRG programme was conducted by the Alumni Association of Arul Anandar College with an objective of economic empowerment through skill development and educational process. By providing computer training to the rural women the programme aims at providing them with economic independence.

From the academic year (2012-13) onwards this computer Centre for rural girls is managed by RADAR. This year 12 girls who hail from rural areas have joined and successfully completed the course. Constant motivation is being given to these rural girls to remove fear and apprehension about the English language and computer usage.

# POST ACCREDITATION INITIATIVES

Arul Anandar College has been accomplishing a lot of new quality initiatives as a corollary to accreditation process. Ever since the college experienced the first cycle of assessment and accreditation in 2001, adequate attention has been paid to quality sustenance and quality enhancement in various dimensions of the academic process and programmes. Those activities introduced during the post accreditation period are briefed hereunder.

Quality enhanced structure and content of the curriculum has increased the responsiveness of the academics during this post-accreditation period. Besides adhering to the direction of the Government of Tamil Nadu to follow the specific frame of Choice Based Credit System that prescribes 140 credits to all the Under Graduate Programmes, the college has included ARISE as a compulsory extension module with an additional credit with the view of creating and promoting a sense of service motive among the students. This dimension has an inherent component of value-based quality blended with regular academic pursuit of the youth from the rural background. The introduction of a semester-long Intensive Bridge Course in English as a compulsory component with one credit, for all the new entrants of UG programmes is yet another step ahead to sustain the excellence of learning. This quality initiative to boost up the communication skills becomes imperative as the learning attitude of the rural students joining the college is ever- dwindling. Also Bridge course is intended to augment the learning capacity of their major disciplines in addition to their advancement in communication and soft skills. Thus the total of 142 credits helps the students to equip themselves to compete globally.

Quality enhancement and effective learning depend on the establishment of essential infrastructure too. This is realized through launching of well-furnished Smart Class Rooms managed with the service of Department of Computer Applications. In addition, the college has established a fully-equipped language laboratory with the financial assistance of the UGC. These multifarious initiatives intensely impact on the attitude of the students towards quality learning since they provide them with hands-on experience. Learning becomes effective only when it is experimental in nature. In order to enhance the ambience for such experimental learning, the college has extended the laboratory infrastructures of the departments of Physics, and Chemistry.

Quality sustenance is perceptive at the institutional level from the introduction of need-based academic programmes that are currently preferred by the new generation of students. To cater to the academic needs of the potential undergraduates of this region, the college has appropriately started new academic programmes such as B.Sc. in Computer Science, B.A. in English Literature and UGC funded B.Sc. in Food Science and technology. The first generation learners from the rural feeder schools, by and large, opt for such courses as they may fetch employment. Hence, the college has appropriately accomplished the need and expectations of the students from the neighbouring villages to pursue their desired academic programmes.

In the process of teaching, learning and evaluation, quality sustenance alone cannot satisfy the expectations of the learners. And so, due importance is given to quality enhancement in every aspect of the process to empower the students adequately. Taking cognizance of this view, the college has introduced Transparency – an innovative method in the evaluation process. After the valuation of the answer scripts of the summative examinations, on a particular day the valued answer scripts are distributed to the respective students to check and verify the marks awarded. The course teacher and the Head of the respective department will be available for the students at the time of Transparency to redress their grievances, if any. The results are published only when the transparency gets over.

This practice of Transparency bears testimony to quality enhancement measure initiated by the college after the accreditation.

From the time when the college became co-educational, necessary requirements of the women students and women faculty are met out. Thus, the college administration has established a Day Care Centre on the campus to tend the newborns of the women faculty. Again this is intended to sustaining the quality of women faculty's academic performance. Moreover, multi-dimensional development of women in this rural socio-cultural setting is felt imperative taking into account the extreme forms of violence against women. Refining the life styles of women of this locale necessitates institutional mechanism for creating awareness on issues related to women and to facilitate the process of women empowerment. Observing this reality and to effect substantial change in women's life, the college has opened Centre for Women's Studies with a generous financial assistance to the tune of Rs. 15, 00, 000 as the first phase contribution from the UGC. Various initiatives such as women development programmes, awareness and training programmes organized by this centre besides the academic courses offered envisage quality of women students of the college.

Quality enhancement in teaching-learning process should necessarily be integrated with the modern information based technology to make it more effective. And so, during the post-accreditation period sincere efforts were made to provide internet connections to the entire office units of authorities, to all the departments and to the other major service units of the college. This was materialized through obtaining internet connectivity with 2 Mbps leased line and 10 Mbps Broadband line from BSNL. The staff members of all the departments could download teaching-learning materials at any time. Consequently, the efficiency of teaching-learning process has significantly improved. In addition, for the free access of all the students 20 computers are internet linked at the browsing centre in the college. Upgraded internet connectivity obtained during the post-accreditation period has not only enhanced the speed to access to the e-journals through INFLIBNET but also to e-books.

Quality enhancement measures have also been initiated in Governance and Leadership so as to better administrative system and to facilitate student support system. In the post-accreditation period, the college aimed at a well-organized support system for the students to accomplish all their needs. Thus new administrative positions like Dean for

Student Affairs (general) and Dean for Women Students have been created and their duties and responsibilities are spelt out clearly. This initiation is to facilitate increased interaction between the students and administrative bodies and to help students to show their multiple talents and skills.

An academic environment enriched with infrastructural facilities will certainly impact on the quality of education. During the post-accreditation period accomplishment of the additional infrastructural facility proves as evidence to quality enhancement. Responding to the recommendations of the earlier peer team, at once the college has set up speed printers in the offices of the Controller of Examinations, the Dean for Academic Affairs and the Deputy Principal. Besides that, printer facilities have been given to all the post graduate departments. Anticipating the ever escalating power consumption of the cumulative infrastructure, the college has obtained three phase CT power supply from the State Electricity Board. Academic research must lead to the mitigation of human suffering at the advent of new technologies. Taking this into account the college encouraged problem-solving research projects. In this regard, the Post graduate Department of Physics has established a Hybrid Wind-Solar Power Generator that supplies electricity to the class rooms in Toulouse Block.

Erratic monsoon and depletion of ground water disrupt the routine functioning of the college. This has been mitigated by digging new boreholes and by erecting an overhead water tank with a capacity of two lakh litres. As the sub-soil water has a high concentration of alkaline and is not potable, the college buys drinking water from the external sources. With the aim of supplying hygienic drinking water, the college has installed Reverse Osmosis water purifying unit that supplies uncontaminated and tasty drinking water to the entire college.

Achievements of the students in sports and games consistently brought laurels to the college. During the post-accreditation period the college has enhanced the quality of rural students in sports and games by constructing a multipurpose indoor stadium cum auditorium with a financial outlay of Rs.1.1 crore. This will definitely enhance the quality of sports and games in addition to the organizational ambience of academic events.

Quality enhancement measures have also been initiated towards environmental protection and producing wealth from waste. Fuel for cooking consumed a sizeable percentage of hostel budgets. This has been reduced by installing a Bio-gas plant that produces cooking gas from human waste in the hostels. This was carried out in collaboration with Sulab International, New Delhi. Though this initiative remains a supportive system to the hostel, it also promotes scientific temper in the consciousness of the students regarding environment-friendly alternative source of energy.

During the time of earlier accreditations, the college had limited banking services as there was only an Extension Counter offering services on particular days of a week. This caused severe hardships to the administrative functioning of the offices and to staff and

students as well. Also people from the nearby villages had to travel several miles to transact business in banks. During the post-accreditation period the college planned to bring a nationalized bank on a permanent basis for servicing. And so the college provided infrastructural conveniences to Indian Overseas Bank to start its branch and to put up an ATM on the campus. The people of the locality could also become the customers of the bank. The students and staff could conveniently avail bank services for all their specific needs. This has enhanced the quality of financial transaction between individual and the bank.

Other quality improvement measures of the college during the post-accreditation period include construction of new rest rooms for men and women separately, asphalting all the roads connecting the campus, construction of safety compound walls with a majestic entrance, beautification and greening of the campus for creating conducive learning atmosphere for students.

# DECLARATION BY THE HEAD OF THE INSTITUTION

I certify that, that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the institution with seal

Place: Karumathur
Date: 06.09.2013

PRINCIPAL
Arul Anandar College
Karumathur-625 514, Madurai Dt.

# CERTIFICATE OF COMPLIANCE

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that **ARUL ANANDAR COLLEGE (AUTONOMOUS)** fulfils all norms

1. Stipulated by the affiliating University and/or

2. Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and

3. The affiliation and recognition is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 06.09.2013

Place: Karumathur

Principal/Head of the Institution

Fr. Dr. V. XAVIER, S.J.

PRINCIPAL

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Arul Anandar College
Karumathur-625 514, Madurai Dt.