Arul Anandar College(Autonomous)

(Affiliated to Madurai Kamaraj University, Reaccredited by NAAC at 'A' Grade with a CGPA of 3.66)

Ananda Nagar, Karumathur – 625 514

Madurai District, Tamil Nadu, India

Internal Quality Assurance Cell

The Annual Quality Assurance Report

(AQAR)

2016-2017

Submitted To

National Assessment and Accreditation Council (NAAC)

P.O.Box.No.1075, Nagarbhavi, Bangaluru-560 072

Karnataka, India

Table of Content

The Annual Quality Assurance Report (AQAR) of the IQAC

2016-2017

Part - A

AQAR for the year

> **2016-2017**

1. Details of the Institution

1.1	Name of the Institution	**ARUL ANANDAR COLLEGE (Autonomous)**
1.2	Address Line 1	**Ananda Nagar**
	Address Line 2	**Karumathur**
	City/Town	**Madurai**
	State	**Tamil Nadu**
	Pin Code	**625 514**
	Institution e-mail address	**principal@aactni.edu.in**
	Contact Nos.	**04549-287221**

Name of the Head of the Institution: **Fr.Dr.S.Basil Xavier.S.J.,**

Tel. No. with STD Code: **04549 - 287208**

Mobile: **94433 87172**

Name of the IQAC Co-ordinator: **Dr.A.Shanmugaraju**

Mobile: **9842982672**

IQAC e-mail address: **aaciqac@gmail.com**

1.3   NAAC Track ID   **TNCOGN 10124**

(For ex. MHCOGN 18879)

1.4   NAAC Executive Committee No. & Date: **Ec/66/RAR/147**
                                                 Dated: 21.02.2014

1.5   Website address: **www.aactni.edu.in**

Web-link of the AQAR: **http://www.aactni.edu.in/iqac/AAC_AQAR(2016-17).pdf**

1.6   Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	Five Star	--	2001	5 years
2	2nd Cycle	A	3.52	2008	5 years
3	3rd Cycle	A	3.66	2014	5 years

1.7   Date of Establishment of IQAC :   14/06/2004

1.8   Details of the previous year's AQAR submitted to NAAC after the latest Assessment
       and Accreditation by NAAC

AQAR 2015-16 submitted to NAAC on 21/09/2016

1.9   Institutional Status

       University   State [-] Central [-] Deemed [-] Private [-]

       Affiliated College   Yes [✓]   No [-]

       Constituent College   Yes [-]   No [-]

       Autonomous college
       of UGC   Yes [✓]   No [-]

       Regulatory Agency approved
       institution (eg. AICTE, BCI,   Yes [✓]   No [-]
       MCI, PCI, NCI)

       Type of Institution   Co-education [✓]   Men [-]   Women [-]

                              Urban [-]   Rural [✓]   Tribal [-]

Financial Status   Grant-in-aid ✓ UGC 2(f) ✓ UGC 12B ✓

Grant-in-aid + Self Financing ✓   Totally Self-financing -

1.10   Type of Faculty/Programme

Arts ✓   Science ✓ Commerce ✓ Law - PEI (Phys Edu) ✓

TEI (Edu) - Engineering -   Health Science -   Management ✓

Others (Specify)

> Food Science and Technology – UGC Innovative Programme
>
> Rural Development Science – Agriculture & Veterinary Science

1.11   Name of the Affiliating University *(for the Colleges)*

> Madurai Kamaraj University

1.12   Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University ✓

University with Potential for Excellence -   UGC-CPE -

DST Star Scheme -   UGC-CE -

UGC-Special Assistance Programme -   DST-FIST ✓

UGC-Innovative PG programmes -   Any other (*Specify*) UGC-innovative UG Programme

UGC-COP Programmes -

2. IQAC Composition and Activities

2.1	No. of Teachers	9

2.2	No. of Administrative/Technical staff	1

2.3	No. of Students	2

2.4	No. of Management representatives	2

2.5	No. of Alumni	1

2. 6	No. of any other stakeholder and community representatives	1

2.7	No. of Employers/ Industrialists	-

2.8	No. of other External Experts	1

2.9	Total No. of members	17

2.10	No. of IQAC meetings held	6

2.11   No. of meetings with various stakeholders: No. 3   Faculty 1

Non-Teaching Staff 1   Students -   Alumni -   Others 1

2.12   Has IQAC received any funding from UGC during the year?   Yes ✓   No -

If yes, mention the amount

| 3 lakhs for five years (2012-2017) |

2.13   Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. -   International -   National -   State -   Institution Level -

2.14   Significant Activities and contributions made by IQAC

> ➢ Organised Faculty Development Programmes.
>
> ➢ Prepared and submitted AQAR to NAAC on 21.09.2016
>
> ➢ Released two issues of IQAC Newsletter.
>
> ➢ Evaluation of newly recruited staff by Peer Members & HoDs.
>
> ➢ Documentation of all the activities of the college, departments and Service Units.
>
> ➢ Online evaluation of teaching staff by students.
>
> ➢ Online documentation of programmes and achievements of the Department s for IQAC.
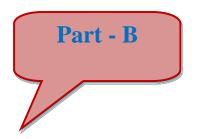
2.15   Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
• Orientation Programmes for the staff.	• Five Orientation Programmes organised for the staff.
• IQAC Newsletter.	• Two Issues of IQAC Newsletter released.
• Leadership Training.	• Organised Leadership Training for the students' representatives.
• Staff Evaluation	• Newly recruited staff were evaluated by HoDs & Peer grups
• Online Evaluation of faculty by students	• Online evaluation conducted
• Online documentation	• Online data entry system started
• Evaluation of regular programmes of the college	• Evaluation of Bridge Course and COC programmes

* *Attached the Academic Calendar of the year in Annexure-I.*

2.15   Whether the AQAR was placed in statutory body   Yes [✓]   No [-]

Management [✓]   Syndicate [-]   Any other body [-]

Provide the details of the action taken

> Management facilitated the planned activities of IQAC and highlighted them in staff meeting and college council meeting.

Part - B

Criterion – I

1. Curricular Aspects

1.1   Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	3	-	-	-
M.Phil	1			
PG	3	-	3	-
UG	7	-	7	-
UG (UGC Innovative)	1			
PG Diploma		-	-	-
Advanced Diploma	1	-	-	-
Diploma	-	-	-	-
Certificate	8	-	-	8
Others	-	-	-	-
Total	24	-	10	8

1.2   (i) Flexibility of the Curriculum: **Choice Based Credit System (CBCS)**
     (ii) Pattern of programmes:

Pattern	Number of programmes	
Semester	**22**	(UG - 15, PG - 6, M.Phil – 1)
Trimester	**--**	
Annual	8	(COC - 8)

1.3   Feedback from   Alumni ☑ Parents ☑ Employers ☐ - Students ☑
       stakeholders*
       (On all aspects)

       Mode of feedback : Online ☑ Manual ☑ Co-operating schools (for PEI) ☐ -

       attached an analysis of the feedback in the Annexure - II

1.4   Whether there is any revision/update of regulation or syllabi, if yes, mention their
       salient aspects.

       - For all the courses, revision was made for III year syllabus in the Board
         of Studies to make it contemporary.
       - Evaluation of Bridge Course and COC programmes
       - College Handbook has been revised and updated.
       - Job description for officials has been revised and updated.

1.5   Any new Department/Centre introduced during the year. If yes, give details.

       No

Criterion – II

2. Teaching, Learning and Evaluation

2.1   Total No. of permanent faculty

	Total	Asst. Professors	Associate Professors	Professors	Others (UGC Innovative)
Aided	64	37 (+ 7 Vacant)	20	-	2
Self Financed	82	78	4	-	-
Total	**146**	**115**	**24**	**-**	**-**

2.2   No. of permanent faculty with Ph.D.

> **Aided : 47**
> **SF   : 10**
> **UGC Innovative: 1**

2.3   No. of Faculty Positions Recruited (R) and Vacant (V) during the year

	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
Aided	5	7	-	-	-	-	-	-	5	7
Management	21	-	-	-	-	-	-	-	21	-

2.4   No. of Guest and Visiting faculty and Temporary faculty

> 2 (French & Hindi)

2.5   Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	15	43	41
Presented papers	18	32	16
Resource Persons	4	4	64

2.6   Innovative processes adopted by the institution in Teaching and Learning :

- ICT integrated teaching
- Learning through field training and internship training
- e-modules for students
- LSRW module continued for English Language Teaching
- Special coaching for slow learners

2.7   Total No. of actual teaching days
       during this academic year

       90+90

2.8   Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book
       Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice
       Questions)

       Transparency of answer papers for UG

       Double Valuation for PG

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/ Curriculum Development workshop

Board of Studies:
– 12 (in other Colleges)
– 146 (in Arul Anandar College)

2.10 Average percentage of attendance of students

82%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
UG Courses						
Economics	36	2	7	8	-	47.22
History	42	4	8	11	-	54.76
Philosophy	19	3	6	7	1	89.47
Mathematics	64	30	19	-	-	76.56
Chemistry	46	15	18	5	-	82.61
RDS	46	9	10	4	-	50.00
Physics	39	13	12	8	-	84.62
Food Science	19	3	4	-	-	36.84
BBA	52	6	3	26	5	76.92
Commerce	114	9	21	45	3	68.42
IT&M	54	7	25	1		61.11
Mathematics (SF)	60	24	13	6	-	71.67
Physical EDN	43	18	5	-	-	53.49
Comp.Sci	46	9	22	6	-	78.26
Eng.Lit	113	2	10	36	22	61.95
PG Courses						
Economics	4	-	2	-	-	50.00
Mathematics	39	5	15	-	-	51.28
RDS	6	-	3	-	-	50.00
MCA	17	-	11	-	-	64.71
Philosophy	5	-	3	-	-	60.00
Physics	15	1	6	-	-	46.67
M.Phil	6	1	5	-	-	100.00

2.12   How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

> ♣ Proper feedback mechanism from the HoDs and peer members on newly recruited teachers.
> ♣ Regular orientation programmes for the teaching faculty on quality enhancement (Empowering the Rural Youth, Staff online Entry Training Programme, "Creating an English Ambience", "Search Inside Yourself ")
> ♣ Online evaluation by students for the staff members.
> ♣ IQAC coordinator is included in all the committees, official meetings and he highlights his views about teaching and learning processes.

2.13   Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	4
UGC – Faculty Improvement Programme	1
HRD programmes	-
Orientation programmes	10
Faculty exchange programme	-
Staff training conducted by the university	2
Staff training conducted by other institutions	1+3
Summer / Winter schools, Workshops, etc.	26
Others: Orientation programmes for the staff	150 (at Arul Anandar College)

2.14   Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff Aided : Management :	14 30	13	02	-
Technical Staff	06	-	-	-
Total	50	13	02	-

Criterion – III

3. Research, Consultancy and Extension

3.1   Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- Staff Orientation Programmes are organised.
- Research activities are promoted along with the Director for Research and Project and Research Cell.
- Staff members are motivated to participate and present papers in National/International conference.
- Staff members are motivated to publish research papers in reputed National/International journals under UGC list.
- The research works of staff members are highlighted through IQAC Newsletters.
- Research seminars by faculty and Ph.D Scholars (Physics and Philosophy)
- Honouring the best performer with Award and Certificate.

3.2   Details regarding major projects

Major Projects	Completed	Ongoing	Sanctioned	Submitted (new)
Number	4	2	--	2
Outlay in Lakhs	57.54799	31.4505	--	13.49

3.3   Details regarding minor projects

Minor Projects	Completed	Ongoing	Sanctioned	Submitted
Number	1	1	1	-
Outlay in Lakhs	2.65	3.2	2.62	-

3.4   Details on research publications

Journals	International	National	Others
Peer Review Journals	17	-	-
Non-Peer Review Journals	16	7	3
e-Journals	-	-	-
Conference proceedings	4	8	2

3.5   Details on Impact factor of publications:

Range **0.8 - 3.0**   Average **2.0**   h-index **-**   Nos. in SCOPUS **12**

3.6   Research funds sanctioned and received from various funding agencies, industry and other organisations (Rupees in Lakhs)

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received (in lakhs)
Major projects	2016-17	UGC	-	4.341
		DST	-	4.0
		UGC- DST, DAE		1.91453
Minor Projects	2016-17	UGC	2.62	-
Interdisciplinary Projects	2016-17	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects *(other than compulsory by the University)*	-	TNST	0.1	0.1
Any other (Specify) Research Seminar	-	Science Mela DST		2.0
		ICSSE		0.903
		ICSSR		1.35

		Tamil Virtual Academy		0.25
		Rajiv Gandhi National Institute of Youth Development		0.24
		Rajiv Gandhi National Institute of Youth Development		0.73
		Economics Seminar- UGC		0.65
Total	-		**2.72**	**14,47,853**

3.7   No. of books published   i) With ISBN No. | **6** | Papers Published in | **25** |
                                                              Edited Books

                                ii) Without ISBN No. | **2** |

3.8   No. of University Departments receiving funds from

         UGC-SAP | - | CAS | - | DST-FIST | ✔ |

         DPE | - | DBT Scheme/funds | - |

3.9   For colleges   Autonomy | **Yes** | CPE | - | DBT Star Scheme | - |

         INSPIRE | - | CE | - | Any Other (specify) | UGC Innovative UG Programme |

3.10   Revenue generated through consultancy | - |

3.11   No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	10	5	-	5
Sponsoring agencies	Management	UGC, DST, TNSTC, BRNS, TNSC and Management	UGC, ICSSR and Management	-	UGC and Management

3.12   No. of faculty served as experts, chairpersons or resource persons   **74**

3.13   No. of collaborations   International **1** National **1** Any other **-**

3.14   No. of linkages created during this year   **-**

3.15   Total budget for research for current year in lakhs :

From Funding agency   **14.47**   From Management of University/College   **-**

Total   **14.47**

3.16   No. of patents received this year

Type of Patent	Status	Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
10	-	3	1	-	-	6

3.18 No. of faculty from the Institution

| 19 |

who are Ph. D. Guides

and students registered under them

| 58 |

3.19 No. of Ph.D. awarded by faculty from the Institution

| 8 |

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF | - | SRF | - | Project Fellows | 6 | Any other | - |

3.21 No. of students Participated in NSS events:

University level | 227 | State level | 5 |

National level | 2 | International level | - |

3.22 No. of students participated in NCC events:

University level | - | State level | 58 |

National level | 16 | International level | - |

3.23   No. of Awards won in NSS:

University level   **-**   State level   **2**

National level   **-**   International level   **-**

3.24   No. of Awards won in NCC:

University level   **-**   State level

National level   **1**   International level   **-**

3.25   No. of Extension activities organized

University forum   **-**   College forum   **14**

NCC   **-**   NSS   **26**   Any other   **41**

3.26   Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Extension activities:

- Service to the old age home Alagusirai by Youth Red Cross (YRC)

- Disaster Management Training Camp by YRC

- Youth Enrichment Programme by Women Studies Centre (WSC)
- Awareness Programme on Gender Sensitization by WSC
- Training Programme on Entrepreneurship Development by WSC
- Awareness Programme on Understanding of Human Rights and Women Rights by WSC
- Awareness Programme on Women and Law by WSC
- Sensitization Programme on Health and Nutrition by WSC
- Introduction of Digital India Programme by NSS

- Seven – day special camp at Karumathur by NSS volunteers

- International Yoga day celebration by NSS

- Blood Donation by our students to Government Hospitals at Usilampatti & Madurai through NSS

- Awareness programme on Vaigai River Restoration by Nature Club

Institutional Social Responsibility:

- ARISE organised Veterinary Camp, Cleaning Camp (Swatch Bharath), Eye Camp, General Medical camp and Sidhaa Medical Camp in neighbouring village

- RADAR conducted Tailoring Classes, Type Writing Courses for the rural girls, Summer Camp for the rural students

Criterion – IV

4. Infrastructure and Learning Resources

4.1   Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	37.47 acre			
Class rooms	62	-	-	-
Laboratories	18	-	-	-
Seminar Halls	11	-	-	-
No. of important equipments purchased ($\geq$ 1-0 lakh) during the current year.	-	9	DST-FIST	31.90399
Value of the equipment purchased during the year (Rs. in Lakhs)	-	2.69,355	UGC Autonomy grant	2.69,355
Others (Teaching Aids) (Rs. in Lakhs)	-	0.61	UGC Autonomy grant	0.61

4.2   Computerization of administration and library

- Library is fully computerised with OPAC, barcode reading system for students entry, exit and lending/return of books
- Online Mark entry system and results
- Online course selection of COC and of Part V
- All the offices are Computerized for administration
- Online Stock entry and Staff particulars
- Online feedback system for students
- Students council through electronic polling
- College website revised
- Alumni registration through online

4.3   Library services:

Items	Existing		Newly added		Total	
	No.	**Value**	**No.**	**Value (Rupees)**	**No.**	**Value**
Text Books	54202	-	630	2,90,302	53802	-
Reference Books	4198	-	120	-	4318	-
e-Books		-	-	-	-	
Journals	117	63536	4	1900	121	128114
e-Journals	2100	5000	-	-	2100	5000
Digital Database	-	-	-	-	-	-
CD & Video	195	-	-	-	195	-
Others (specify)	-	-	-	-	-	-

4.4   Technology upgradation (overall)

(No. of Computers)

	Total Computers	Computer Labs	Browsing Centres	Computer Centres	Office	Departments	Others (Extension, stock)
Existing	326	157	28	6	69	41	25
Added	30	13	-	-		17	
Condemned	-13				11		2
Total	343	170	28	6	58	58	23

4.5   Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Training Programme for the staffs on Online Data Entry
- Students online evaluation Programme
- All the departments and offices are equipped with computers and internet access.
- Internet access to students at the library.

4.6   Amount spent on maintenance in lakhs :

   i) ICT

                                             3.35

   ii) Campus Infrastructure and facilities   41.08878

   iii) Equipments   6.65970

   iv) Others   17.78881

                            Total :   **68.88829**

Criterion – V

5. Student Support and Progression

5.1   Contribution of IQAC in enhancing awareness about Student Support Services

- Leadership Training is given to the elected students representatives with the help of Dean of students.

- Student's feedback is obtained on training programmes.

- Students representatives participate in the "Planning and Evaluation meeting" to enhance student support services.

5.2   Efforts made by the institution for tracking the progression

- Through the Mentor care programme, students are motivated and guided by the faculty towards vertical mobility for the progression.

- Results and Pass percentage of students in each course are examined in Awards Committee and Governing Body meetings and faculty discuss remedial measures.

5.3   (a) Total Number of students

UG	PG	Ph.D	Others
2608	193	58	-

(b) No. of students outside the state

19

(c) No. of international students

11

	No	%			No	%
Men				Women		
	1874	67			927	33

Last Year(2015-16) UG+PG   This Year(2016-17)UG+PG

General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
0	577	20	2272		2869	0	504	23	2274		2801

Demand ratio **1: 1.8**   Dropout % **5.1%**

5.4   Details of student support mechanism for coaching for competitive examinations (If any)

> ♣ SET & NET and NGPE (National Graduate Physics Exam) coaching for the students.
> ♣ Training programmes for the outgoing students by the placement cell.

No. of students beneficiaries   15 (NET/SET) + 839 (Placement training) + 41 (NGPE)

5.5   No. of students qualified in these examinations

NET -   SET/SLET **4**   GATE -   CAT -

IAS/IPS etc -   State PSC -   UPSC -   Others **4 (NGPE)**

5.6   Details of student counselling and career guidance

- ▪ Mentor Care Programme is carried out effectively. All the students are allotted to staff members as mentors in their respective departments.

- ▪ Consistent efforts are made through career guidance and placement cell to make the final year students equipped to be placed in jobs.

No. of students benefitted

Group Counselling: 800

Individual Counselling: 277

5.7   Details of campus placement

On campus			*Off Campus*
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
29	All III years	123	1

5.8   Details of gender sensitization programmes

Gender sensitization in the campus is carried out through Women Study Centre, Dean for Women's students. List of programmes organised are,

- Orientation Programme for all I year women students at the beginning of academic year
- Awareness Programme on Gender Sensitization
- Awareness Programme on Understanding of Human Rights and Women Rights
- Awareness Programme on Women and Law
- Sensitization Programme on Health and Nutrition
- Women's day Celebration

5.9   Students Activities

    5.9.1   No. of students participated in Sports, Games and other events

University level | 79 | State | - | National level | - | International level | -

No. of students participated in cultural events

University level | 69 | State | - | National level | - | International level | -

    5.9.2   No. of medals /awards won by students in Sports, Games and other events

Sports :

State/ University level | 23 | National level | - | International level | -

Cultural:

State/ University level | 29 | National level | - | International level | -

5.10   Scholarships and Financial Support

Heads	Number of students	Amount in Rs.
Backward Classes Scholarship BC, MBC, DNC	358	7,29,490
Adi-Dravidar Scholarship SC	578	37,92,259
Higher Educational Special Scholarship (only Hostel Students)	387	29,09,000
Management Scholarship	261	6,97,000
Endowment Scholarship	87	1,13,300
Total		**82,41,049**

5.11   Student organised / initiatives

Fairs :

State/ University level   -   National level   -   International level   -

Exhibition:

State/ University level   1   National level   -   International level   -

5.12   No. of social initiatives undertaken by the students   81

5.13   Major grievances of students (if any) redressed: 2
     1. Drinking Water Shortage in Hostels   2. Rescheduling of Exam Timetable

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

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 AAC into a policy advocacy centre.

6.2 Does the Institution has a management Information System -Yes

- The College calendar provides information about the institution.

- Academic information are displayed in notice boards.

- Every information is updated in the college website.

- Internet facilities is provided to staff, students & administrators.

- Students attendance and results through MIS

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- Board of Studies in each department for updating the syllabus.
- Bridge course and COC courses are evaluated.

Action Plan:

- ♣ Proposals for new programmes like M.Sc (Chemistry) and B.A (Tamil) will be submitted to university for affiliation.

6.3.2 Teaching and Learning

- Thrust is given for ICT enabled teaching.

- Internet connectivity to all the Departments.

- Need based Staff Development Programmes.

- Students online feedback on teachers.

- Self evaluation, Peer members/Hods evaluation of teachers.

- Remedial coaching for slow learners.

- Ph.D programme by three departments.

- NCC as non-major elective paper.

- Additional credits to Intensive Bridge Course and ARISE extension programme.

- Compulsory component of Foundation Courses.

- Computer literacy is a compulsory component.

- Self Learning courses for advanced learners.

6.3.3 Examination and Evaluation

- Online Mark entry register.

- Answer sheets are made transparent to all the UG courses on the transparency day and double valuation for PG courses.

- Semester question papers scrutiny by the chairman.

- Central valuation is carried out for all UG & PG courses.

- Results are published online and the details regarding the repeat examination and revaluation are notified in the college website.

6.3.4 Research and Development

- A separate Project and Research Cell and Director for Research by which staff members are motivated to apply for major and minor research projects

- Three departments have been recognised as Research Centres namely Economics, RDS and Physics in which several scholars are allowed to do fulltime/part-time Ph.Ds.

- Research guides are available in other departments also.

- Sending the staff members National/International Conferences/Workshops/Seminars/Training.

- Honouring the best performer with Award and Certificate.

- Motivating the staff for completing Ph.D/NET/SET.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- New Reading hall for the library
- Extension of Chapel
- Renovation of Guest House
- Repairing and renovating the laboratories of Physics, Chemistry, RDS and Food Science and Technology
- Extension of Chemistry laboratory
- Furnishing and providing a reading room for RDS
- Renovation of Football court
- Established degradable and biodegradable waste management system
- Two new RO plants

Action Plan:

- Networking Computer Lab under FIST program
- Science Laboratory under FIST program
- Bridge to girl's hostel
- Interlink all the activities of the college with a standard ERP system and Wifi network
- Install Digital Board for dissemination of information
- Green Board to all class rooms
- Construction of 100 Bedded Sports Hostel with UGC fund
- Upgrade Veronica hall and facilities with coin-napkin

6.3.6 Human Resource Management

- Decentralization of administration at all levels

  (Academic – Principal, Vice Principals-2 for shift I, Deputy Principal for shift II, Vice Principals-2 for shift II)

  (Administration – Rector, Secretary)

  (Finance – Treasurer)

  (Students – Dean for students, Dean for Women)

6.3.7 Faculty and Staff recruitment

- Common Recruitment process for the selection of the staff by the Jesuit Higher Education Commission.

6.3.8 Industry Interaction / Collaboration

- Several departments have field visits/ inplant-training
- Placement cell invites several companies for campus interview

6.3.9 Admission of Students

A separate admission committee is formed by Principal and it takes care of admission process.

6.4   Welfare schemes for

Teaching	- A Baby day care centre for the women staff. - Annual exposure programme for the staff: 50% contribution by the management & 50% by self financed staff - Regular increment in the salary of management and self financed staff.
Non teaching	- Interest- free loan for the service staff. - Free uniforms for the service staff. - Preference for the children of the staff in the schools and colleges run by the Jesuits. - Annual tour programme for the staff with management contribution.
Students	- Management and endowment scholarship for the needy students for the upliftment of the weaker sections. - The Mentor Care Programme - Free lunch for the poor students. - Fee concession to the deserving poor students. - Establishment and renovation of sports grounds to facilitate sports activities in the campus. - Students council election through electronic polling system

6.5   Total corpus fund generated   **Rs.4,08,69,863**

6.6   Whether annual financial audit has been done   ✓ Yes   - No

6.7   Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	-	Yes	Management
Administrative	No	-	Yes	Management

6.8   Does the University/ Autonomous College declares results within 30 days?

For UG Programmes   Yes   ✓   No   -

For PG Programmes   Yes   ✓   No   -

6.9   What efforts are made by the University/ Autonomous College for Examination Reforms?

Feedback from the students, officials, staff and parents at several meetings are given proper consideration and the reforms are taken appropriately. For example, the following measures have been taken.

- Transparency at the UG level and double valuation for PG
- Online mark entry system and online declaration of results
- Revised subject codes for all the papers
- Central evaluation
- Mark sheets with photo and high security features.

6.10   What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- The parent university is positively facilitating the process of autonomy as well as sustenance of autonomy through its commissions.
- Promotes Academic freedom.
- Allow to introduce new academic programmes.
- Permits to issue provisional, migration and other certificates.
- Issues degree certificates.
- Deputes nominees to serve in various committees.

6.11   Activities and support from the Alumni Association

Alumni executive committee meeting was held in October 2016

Alumni General body meeting was held on 08th April 2017

Financial support for deserving students.

- Alumni employees delivered motivation talks to the students.

- Supported convocation day celebration.

- Placements through our alumni

6.12   Activities and support from the Parent – Teacher Association

- Year wise Parents Teachers meetings are organised to ensure better implementation of Quality Education (27th August 2016 - III UG &IIPG, 15th October2016 - II UG)

- Needs and demands of the students and parents are considered through PTA meeting in general and the parents visits in the departments.

6.13   Development programmes for support staff

- Management contribution for the staff exposure programme.

- Best Non teaching Award for the deserving staff.

6.14   Initiatives taken by the institution to make the campus eco-friendly

- Biogas plant from human waste in the Hostel

- 5KVA Hybrid Wind – Solar power generation

- College campus is maintained as Plastic free zone

- Awareness programmes, human chain, rallies etc, organised on environmental issues

- Established degradable and biodegradable waste management system

- Installation of two R.O plants

- Planting of tree saplings and ornamental plants

Criterion – VII

7. Innovations and Best Practices

7.1   Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Regular official meetings
- A Mega Job fair with 30 companies/institutions was conducted and around 500 students participated.
- Computerized online feedback by the students

7.2   Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- Online staff evaluation by students
- Proposals for new programmes like M.Sc (Chemistry) and B.A (Tamil) are submitted to university for affiliation.
- Bridge course and COC courses are evaluated.

- Job description of officials finalised and implements

- Mega Job fair was organized

- Alumni general body meeting was conducted

- Students council election through electronic polling system

- Counselling through Mentor care programme

- Staff exposure programme

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

> ➢ Bridge Course for the freshers with one credit.
>
> ➢ Awards of Excellence for the faculty and students for their significant contributions.

details of best practices of the college is attached in annexure-III

7.4 Contribution to environmental awareness / protection

> ➢ College campus is maintained as Plastic free zone.
>
> ➢ The college offers a paper titled 'environmental studies' for all the second year under graduate students under part IV.
>
> ➢ Awareness Programmes, camps, rallies etc are organised under part V and ARISE programmes
>
> ➢ Established degradable and biodegradable waste management system
>
> ➢ Installation of two new R.O plants
>
> ➢ Planting of tree saplings and ornamental plants

7.5 Whether environmental audit was conducted?   Yes | - | No | ✓ |

7.6   Any other relevant information the institution wishes to add. (for example SWOT Analysis)

The Following are the **Strengths** identified by the institute during the academic year 2016-17.

- ❖ Reaccredited by NAAC at 'A' grade with a CGPA of 3.66 in the third cycle.

- ❖ Availability of a vast campus and infrastructure for future expansion and development.

- ❖ Students with discipline and rural value orientation.

- ❖ Dedicated and qualified faculty to enhance learning and research atmosphere.

- ❖ A proactive management to start innovative and relevant academic programmes.

- ❖ A strong and involved commitment to College-Community Linkage.

- ❖ Support and participation of the local civic bodies in the campus life.

- ❖ Multi-faced extension programmes.

- ❖ Orientation Programmes for students and staff at regular intervals.

- ❖ DST-FIST sponsored college.

The Following are the **Challenges** identified by the institute during the academic year 2016-17.

- ❖ Ensuring zero failure and higher pass percentage of the rural student community.

- ❖ Achieving higher order thinking and skill sets necessary for competitive examinations.

- ❖ Convincing prospective employers for campus selection and placement.

- ❖ Tapping the benefits of tie-ups and MoUs with industry and institutes of repute removing their geographical prejudice.

- ❖ Public positioning of the college as a social agent and institute of excellence.

8. Plans of institution for next year

* Networking Computer Lab under FIST program

* Science Laboratory with new lab assistant under FIST program

* Interlink all the activities of the college with a standard ERP system and Wifi Network

* Install Digital Board for dissemination of information

* Green Board to all class rooms

* Construction of 100 Bedded Sports Hostel with UGC fund

* Starting of new courses M.Sc Chemistry and B.A Tamil

* Bridge courses to be conducted by External Experts before the start of college

* COC courses only for II and III year students

* Participation in National Institutional Ranking Framework (NIRF)

Signature of the Coordinator
IQAC

Name: Dr.A.Shanmugaraju
CONVENOR, IQAC
Arul Anandar College (Autonomous)
Karumathur-625 514, Madurai Di

Signature of the Chairperson
IQAC

Name: Rev.Dr.S.Basil Xavier S.J.,
PRINCIPAL,
ARUL ANANDAR COLLEGE
(AUTONOMOUS)
KARUMATHUR-625 514.
Madurai-Dist.

Academic Calendar of IQAC for the year 2016-2017

Date	Activity
14.06.2016	Induction Programme for the New Recruits
15.06.2016	Staff Orientation Programme on "Empowering the Rural Youth and People"
07.07.2016	IQAC Meeting - Planning for the Academic year 2016-17
14.07.2016	Staff Online Entry Training Programme
03.08.2016	Meeting on AQAR Preparation
29.08.2016	A workshop on "Creating an English Ambience"- Teaching Faculty of Shift-II
09.09.2016	Meeting on AQAR Preparation
09.09.2016 & 20.09.2016	Staff Development Progamme on "Search inside yourself"
21.09.2016	AQAR Report Submission
17.10.2016 to 19.10.2016	Evaluation of Newly Recruited Staff
28.11.2016	Meeting on 19th Issue Newsletter Preparation
16.12.2016	Release of 19th Issue Newsletter
07.03.2017	Meeting on 20th Issue Newsletter Preparation
20.03.2017 to 23.03.2017	Staff Evaluation (Online)
25.03.2017	Release of 20th Issue Newsletter

An Analysis of the Feedback on Teaching Staff

IQAC has conducted an evaluation of eighteen new teaching staff of both Aided and Self Financed courses by the students in the I semester. Also IQAC revised the evaluation pattern and it conducted an **Online Evaluation** of hundred and one teachers by students in the II semester. Heads and Peer teaching members of the respective departments also gave feedback about the staff members during the year 2016-17. The strength and weaknesses of the staff members are evaluated on competence in teaching, interpersonal relationship, support in the college activities, involvement in value education/social issues and academic achievements. Based on that evaluation, the staffs have been motivated by Rev.Fr.Principal to improve their teaching skill, teaching methods and interpersonal relationship with the staff, management and students.

Alumni Feedback

The alumni general body meeting was organized on 8th April 2017 in the college campus. Around two hundred and twenty three members participated in this meeting. The alumni members shared their view in the open forum. The following are some of the points raised by them. Chapter-wise meetings, IAS, TNPSC, SSC, Bank exam coaching class, Include executive members from outside, Increase computer education to rural children, Separate building for alumni and always keep in touch with alumni, Conduct regular alumni General Body meeting every year and Improving the English language of our rural students.

BEST PRACTICES OF ARUL ANANDAR COLLEGE

- All the I year UG students are given a bridge course to improve their English writing and communication skills.

- Remedial classes are conducted in each department according to their need to help the slow learners.

- Use of learning resources like the library and internet in an IT enabled campus makes learning pleasant and interesting.

- Mentor care and student counselling are strengthened to take care of the needy.

- The third year students are given placement training and they are asked to attend placement interviews held at both in and around the colleges.

- Industrial visits and tie-ups with manufacturers are arranged to expose the students to develop their entrepreneurial skills.

- Highly qualified teachers in our college are involved in the student progression such as zero failures, higher levels of excellence and employability.

- Regular conduct of need based staff development programmes for the staff members (both teaching and non-teaching) are undertaken.

- Teacher assessment by the students (online), Peer group members and Heads (manual) was carried out.

- Regular staff-tour programmes, feast celebrations make a cordial environment among the staff and the management.

- Career oriented courses (COC) offer additional skills for employability of the students.

- A comprehensive extension programme with the following components VETEX, RADAR, ACPR, ARISE and CCRG has revitalized the college-community engagement.

- All the II year students are enrolled in ARISE extension programmes for understanding their social responsibility.

- Environmental awareness is ensured among the staff and students by the maintenance of Clean and Green campus and Bio-Gas Plant from Human Waste in the hostel.

- Special focus is given to the formation of the hostel inmates in academics, cultural, Spiritual and sports activities.

- Administration is decentralized to ensure greater participation and better governance.

- Separate Dean for Women students, Women's Forum, Women Study Centre prove their excellence in gender equity.

- Conduction of Electronic polling in the student's union election make the students aware of their voting rights.

- Management scholarships for the needy students reduce the dropout rate.

- Refereed Publications in Journals and Books are rewarded by the management.

- Resource sharing and academic consultancy have gained visibility and public positioning of the college.

- Awareness programme for students on Addiction and Mental health.

- Leadership training to all the elected students' council members.

- Variety of students' centered programmes like Campus Fest (Cultural Competitions), Saral (Tamil Drama), Theatre Fest (English Drama), Speak-Park (English Association), Puthan Virunthu (Tamil Association)

Details of Best Practice

1. Title : Bridge Course in English

2. Objectives

- To bridge the gap between the school and the college
- To give confidence to students (mainly from tamil medium) to communicate effectively in English
- To expose the rural students to the college atmosphere to help them to grasp quickly in their subjects

3. The Context

The concept of bridge course in English is to bridge the gap between the schools and the colleges aimed at giving confidence to students to communicate effectively in English. Bridge course provides an opportunity for the students especially rural students who study their school education in mother tongue. Bridge course helps them to cope up with higher education in English in colleges.

4. The Practice

The Bridge course offered in our college is designed in such a way to train the students on the four important skills LSRW (Listening, Speaking, Reading and Writing) as per English Language Teaching perspective. Integration of all the four skills at a point will enable students to perform better in English as well as in their subjects concerned. The programme was organized for all the I year students after class hours (for Shift I students in the afternoon from 2.00 p.m to 4.00 p.m. and before class hours in the forenoon from 10.30 a.m to 12.30 p.m. for Shift II students). One credit is also allotted for the bridge course under the CBCS pattern. The bridge course classes are handled by the professors of English department as well by professors form other departments. The course is conducted for a period of 45 hours in a semester according to the availability of the students.

5. Evidence of Success

The pass percentage is above 85% in bridge course. Compared to the core and allied subjects, this is a better pass percentage. All the students participating in the bridge course felt the use of bridge course to improve their English fluency. However, as given below there are some suggestions given by the students and staff members during the feedback.

6. Problems encountered and resources required

Concentrating on motivational aspects is a prerequisite before giving them bridge course. It would be more useful to the students if equal importance is given to all the four skills in practice. Most of the problems connected with the conduct of the bridge course are due to the timing of the course.

The syllabus along with the course content and the worksheet can be bound into a volume and given in a book form. To make the bridge course effective, more attractive teaching materials can be prepared and made available to students including video clips, film clips, you tube clips, lyrics, short films, documentaries, audio files, TV programmes etc. Establishing smart classrooms would be of immense help for the conduct of the bridge course. High speed internet connection should be provided in the smart classrooms, language lab and audio visual rooms for better teaching and learning.