




PROFILE

Name: Dr. S. SEBASTIAN., M.Sc., M.Ed., M.Phil., Ph.D			
Department	PHYSICS		
Designation	ASSITANT PROFESSOR		
Email	seba@aactni.edu.in speedseba@yahoo.co.in		
Teaching Experience	UG: 10	PG: 09	

Recognised Educational Qualifications

S.No.	QUALIFICATION	INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING
1	Ph.D	Arul Anandar College, Karumathur, Madurai	Madurai Kamaraj University	2020
2	M.Phil	Madura College, Madurai	Madurai Kamaraj University	2011
3	M.Ed	JK College of Education, Dindigul	Tamil Nadu Teachers Education University	2010
4	B.Ed	St. Xavier College of Education, Palayamkottai	Manonmaniam Sundaranar University	2008
5	M.Sc	Arul Anandar College, Karumathur, Madurai	Madurai Kamaraj University	2007
6	B.Sc	GTN Arts College, Dindigul	Madurai Kamaraj University	2005

Work Experience

Sl.No	Name of the Institution/Organisation	Designation	Nature of Work	Period
1	ARUL ANANDAR COLLEGE	Assistant Professor	Teaching Faculty	17/06/2010- to till date

Publications (Contributions in Journals)

Title of the Paper	Name of the Journal/Book/Proceedings	Whether Journal/Book/Proceedings	Volume and Issue No	Page Nos	ISSN/IS BN No	Publisher and Place
<i>Investigations on Fe doped SnS thin films by nebulizer spray pyrolysis technique for solar cell applications</i>	Journal of Materials Science: Materials in Electronics	Journal	2019,30/8	8024-8034	0957-4522	Springer US
<i>Influence of Al doping concentration on the opto-electronic chatters of SnS thin films readied by NSP</i>	Optical and Quantum Electronics	Journal	2019,51/4	100		Springer US
<i>Enhancement in photovoltaic properties of Nd: SnS films prepared by low-cost NSP method</i>	Rare Metals	Journal	2019	1-10	1001-0521	Nonferrous Metals Society of China
<i>Microstructural and electrical properties evaluation of lead doped tin sulfide thin films</i>	Journal of Sol-Gel Science and Technology	Journal	2020,93/1	52-61		Springer US
<i>Physical and electrical properties' evaluation of SnS: Cu thin films</i>	Surface Engineering	Journal	2020	1-11	0267-0844	Taylor & Francis

<i>Quantitative analysis of Ag-doped SnS thin films for solar cell applications</i>	Applied Physics A, 2020	Journal	126/ 10	1-12		Springer Nature
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Publications (Contributions in Proceedings)

Title of the Paper	Name of the Journal/Book/Proceedings	Whether Journal/Book/Proceedings	Volume and Issue No	Page Nos	ISSN/ISBN No	Publisher and Place
<i>“Effect of Al-doped SnS thin films using simple NSP technique”</i>	Nano-science and Nanotechnologies in the livelihood Enhancement of common Man	Proceedings 8-9 th February 2017	-	34		Arul Anandar College, Karumathur
<i>“Study on tin Sulfide (SnS) Thin Films By nebulizer spray pyrolysis technique”</i>	4 th National Conference on Technologically Important Crystalline and Amorphous Solids	Proceedings 2 nd & 3 rd March 2018	-	152-156	9788190923736	Kalasalingam Academy of Research and Education, Krishnankoil
<i>“Solar Cell applications of Fe doped tin sulfide (SnS) thin films by nebulized spray pyrolysis (NSP) technique”</i>	International Conference on Molecular Structure of Nano and Bio Materials	Proceedings 27 and 28 th , September 2018	-	23	9789386590725	Arignar Anna Government Arts College, Cheyyar

Books/Journals Published or Edited

Name of the Book/Journal/Conference Proceedings	Whether Journal/Book/conference Proceedings	Author/Co Author	ISSN/ISBN No	Volume No	Publisher and Place	Year of Publishing and Edition
Allied Physics-I	Book	Co Author				2011-2012 1 st

Allied Physics-II	Book	Co Author				2011-2012 1 st
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Papers presented in Seminars/Conferences/Workshop

Title of the Paper	Title of the Seminar/conference/Workshop	Level of Seminar/Conference/Workshop	Organising Institution	Date
<i>“Preparation and characterization of single phase tin sulfide thin film by NSP Technique</i>	Emerging Trends in Materials organized by department of Physics	Conference	Mary Matha college of Arts and Science, Periyakulam	6 March 2017
<i>“Highly conducting Ag doped tin sulfide (SnS) thin films for solar cell using nebulized spray pyrolysis (NSP) technique”</i>	one day National seminar on Materials Science and Applications	Conference	Mother Teresa Women’s University, Kodaikanal	30 th July 2018
Synthesis and characterization of SnS thin films for solar cells application	Technologically Important Crystalline and Amorphous Solids	Conference	Kalasalingam Academy of Research and Education, Krishnankoil	5 th & 6 th April 2019
<i>Synthesis and Characterization of Sb doped tin sulfide (SnS) thin films for solar cell using nebulized spray pyrolysis (NSP) technique”</i>	Resent Trends in Applied Science and Technology	International Conference	Periyar University, Salem	23-25 th August 2018

Seminars/conferences/Workshops Attended

Title of the Seminar/conference/Workshop	Level of Seminar/Conference /Workshop	Organising Institution	Date and Place
Lecture Workshop in Recent Trends of Physics	Workshop	Arul Anandar college	12/10/2010
Orientation cum workshop for Rural schools science teachers in	Workshop	Arul Anandar college	2,3/12/2010

Madurai district			
Bioethics education a partnership between students and teachers	International workshop	Arul Anandar college	7/12/2010
Nano Thin film Solar Material	State level	The Madura College	29/12/2011
Orientation cum workshop for School Science teachers in Usilampatti District	Workshop	Arul Anandar college	1,2/12/2011
National Science Mela-2012	National Science	Arul Anandar college	16-18/3/2012
National colloquium for iqac coordinators on best practices in higher educational institutions	National level	Arul Anandar college	21/07/2012
Non conventional and renewable energy resources	State level	Arul Anandar college	27&28 Nov2013
Current trends in crystal growth and solar energy	National level	Sri Meenakshi Gov.College for woman,madurai	22/1/2013
Research Avenues in Physics	State level	Arul Anandar college	18/02/2013
Nano Science & Multiwavelength Astronomy	Seminar on nano Astro Physics	Satkthi college of Arts and Science for woman	15/02/2014
Nano structures for Photovoltaic Applications	International symposium	Fatima college, Madurai	19/02/2014
Materials characterization Techniques	workshop	International research centre, kalasalingam university	11/02/2015
Lecture workshops on introduction to theoretical Physics	Science AcademiesLecture workshop	P.G &Research Dept.of Physics,Gov.Arts College,Melur	4 th &5 th August 2016
Academic Audit and Quality Enhancement in HEIs	National conference	Arul Anandar college	22 nd &23 rd march 2016
National Science Mela -2017	National Science	Arul Anandar college	27-29 th January 2017
Advances in Astronomy and space technology	National	Arul Anandar college	29 th January 2018
Recent advances and applications of material science	National workshop	School of Sciences, the Gandhigram Rural Institute, Dindigul	2 nd and 3 rd November 2017
Materials for Energy, Environment and Healthcare Applications	International Webinar	Department of Chemistry, The Gandhigram Rural Institute - DTBU,	May 21-22, 2020

		Gandhigram, Tamilnadu	
Frontiers in Material Science Research	Faculty development program	Department of Physics, Madanapalle Institute of Technology & Science, Madanapalle.	August 24 – 28, 2020.
Sustainable Composites during the Covid19	Faculty development program	Centre for Composite Materials (CCM), SAME, Kalasalingam Academy of Research and Education	25.5.2020
Functional novel materials for Electrochemical sensors and Energy storage device	International webinar	Thiagarajar college, Madurai & MING CHI UNIVERSITY OF TECHNOLOGY, NEW TAIPEL CITY, TAIWAN	15.05.2020
Advances in Computational and Experimental Research in Physics	Two Week Faculty Development Programme	Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai.	27th July to 8th August 2020
Fundamentals of Physics	National online Quiz	Department of Physics, Pioneer Kumaraswamy College, Nagarcoil	15.05.2020
Living through Covid- 19: Indian perspectives	Faculty Development program	Dept. of Communication & Journalism, St. Josrph's Degree & PG College in collaboration with The Dept. of Journalism and Mass Communication, Osmania University.	18 – 22. 5. 2020
Recent advances in Chemical Science	International webinar	Department of Chemistry, St. Xavier's	28 th July 2020

		College(Autonomous), Palayamkottai.	
Fundamentals of Nano Science	National online Quiz	Department of Physics, Thiru Kolanjiappar Government Arts College	21.5.2020
Coronal Mass Ejections and Their Interplanetary & Near Earth Consequences	International webinar	Department of physics, MADONNA ARTS & SCIENCE COLLEGE FOR WOMEN	29 th August 2020
Advanced Engineering Materials	National Level Faculty Development Programme	Department of Physics, School of Advanced Sciences, Kalasalingam Academy of Research and Education	May 21 - 27, 2020
TEACHING, LEARNING & EVALUATION IN THE DIGITAL ERA	ONLINE FACULTY DEVELOPMENT PROGRAMME	Post Graduate and Research Department of Physics Jamal Mohamed College (Autonomous), Tiruchirappalli	17.08.2020 to 19.08.2020
Materials Science and Applications	One Day Online Workshop	Department of Physics, Arulmigu Palaniandavar Arts College for Women, Palani.	29 th May 2020
Rehabilitation Robots – A Practical Approach	FACULTY DEVELOPMENT PROGRAMME	Kalasalingam Academy of Research and Education	25.5.2020

E Content Created

Title of the Content	Type of Content	Link
Digital Electronics	PPT	https://drive.google.com/file/d/1orMx9VF7MsNyihMAeLG1DoGdgbWaU1uQ/view?usp=drivesdk
Solid State Physics	PPT	https://drive.google.com/file/d/1yHtTmjzkCjjBqKuqUSvc1YjW4PWxC1KC/view?usp=drivesdk
Physics Lab General	PPT	https://drive.google.com/file/d/1foSdCSMc9sZVLrZsD6tPKsk3KXBB44fm/view?usp=drivesdk
Microprocessor	PPT	https://drive.google.com/file/d/1VcAoqiosyAu1MHgW

		ZHCySIA68GZTWEBv/view?usp=drivesdk
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Academic positions held

Post	Institution	Period
Consumer club coordinator (SF)	Arul Anandar College	2014- 2019

Achievements & Awards

- Got First prize in Oral presentation in 2nd International Conferences on Recent Trends in Applied Science and Technology held at Periyar University, Salem during 23-25th August 2018