

FACULTY PROFILE

Name of the Staff : **Dr. PREMARANI R**
Official Address :
ARUMUGAM PILLAI SEETHAI AMMAL COLLEGE,
VALLAL ARUMUGAM PILLAI ROAD, TIRUPPATTUR – 630 211.
Mobile : 6369857941
E-Mail Address : raniphy2020@gmail.com



Personal Details:

Age : 44
Date of Birth : 12/03/1980
Sex & Marital Status : Female & Married
Citizenship : Indian
Department : PHYSICS
Date of Joining : 20/10/2008

Qualification:

Degree	Programme and Specialization	Class/CGPA	Month & Year of Passing	Institute/University
Ph.D	PHY	PH	09/2019	MSU

Professional Experience:

Teaching Experience:

Designation	Institute/University	Period		Nature of Duties
		From	To	
Associate Professor	ALU	20/10/2008	01/11/2023	Teaching

Industry Experience:

Designation	Organization	Period		Nature of Duties
		From	To	
ASSO.PROF	APSAC	20/10/2008	31/10/2023	TEACHING

Other Academic Credentials:

S.No	Title
1	NAA

Area of specialization:

S.No	Title
1	PHY

Course Taught:

S.No	Course Title	U.G. or P.G
1	BSC	U.G

H-Index:

Research Gate	Google Scholar	Scopus	Web Of Science
2	3	2	0

Development or Training Activity:**Attended:**

S.No	Title	Period		Venue	Course Type	Type of program
		From	To			
1	International online faculty development programme on Advanced materials research and technology	14/11/2022	18/11/2022	Department of Physics, & IQAC Rajapalayam Raju's college, Rajapalayam.		FDP
2	Naan Mudhalvan Program - Data analytics with tableau course	30/01/2023	03/02/2023	MKU, Madurai.		FDP
3	UGC Sponsored Orientation course	09/11/2010	06/12/2010	UGC- Academic Staff College, Bharathidasan University, Trichy		---
4	Indian Academy science, Bangalore, Sponsored VIIIth Refresher course in Experimental Physics	07/05/2009	22/05/2009	ALU, Karaikudi		---
5	UGC Sponsored Refresher course on "Recent Trends in condensed matter Physics"	16/11/2012	06/12/2012	Madurai Kamaraj University, Madurai.		---
6	UGC-HRDC Sponsored inter disciplinary refresher course on Environmental science and Geo sciences	02/01/2018	22/01/2018	Pondicherry University, Pondicherry		---
7	UGC-HRDC Sponsored interdisciplinary refresher course on Nanoscience	25/11/2020	08/12/2020	Bharathidasan University, Tiruchirappalli		online
8	Interdisciplinary refresher course/faculty development programme on "Research Methodology	20/07/2021	03/08/2021	Teaching Learning Centre, Ramanujan College, University of Delhi		online
9	Naan Mudhalvan Program - Data analytics with tableau	24/07/2023	28/07/2023	Alagappa University, Karaikudi		FDP
10	Recent Developments in Physics	03/03/2011	04/03/2011	Govt. Arts College, Melur		National workshop

S.No	Title	Period		Venue	Course Type	Type of program
		From	To			
11	Advanced Energy Materials	09/02/2012	10/02/2012	Alagappa University, Karaikudi		International workshop
12	Nano Materials Synthesis	16/09/2012	16/09/2012	SSA College Devakottai		workshop
13	scientific writing	10/11/2013	10/11/2013	SSA College Devakottai		workshop
14	Materials Technology Advancement in Current Scenario	04/07/2020	10/07/2022	Sathyabama Institute of Science and Technology, Chennai through Zoom Video Communications		workshop
15	Modern Trends in Physics	29/01/2022	29/01/2022	Department of Physics, Vivekananda College, Madurai		FDP
16	Recent Trends in Advanced Energy Materials	10/03/2010	11/03/2010	school of Physics, Alagappa University, karaikudi		National conference
17	Quality Assurance in Higher Education –Student involvement	21/10/2010	22/10/2010	Arumugam Pillai Seethai Ammal College, Tirupattur		National Seminar
18	Recent Advances in Materials synthesis& characterization	01/11/2011	01/11/2011	SSA College, Devakottai		State Level Seminar
19	Emerging Trends in Materials synthesis& characterization	19/01/2013	20/01/2013	National college, Trichy		State Level Conference
20	Advances in Materials Synthesis (AIMS'13)	21/07/2013	21/07/2013	SSA College, Devakottai		National conference
21	Advanced Materials	26/01/2014	26/01/2014	SSA College, Devakottai		National Seminar
22	Recent Trends in crystal growth & Nano Materials	07/08/2014	09/08/2014	Indian Association for crystal growth & National College, Trichy		National Seminar
23	Challenges &prospects of Indian Economy	22/01/2015	23/01/2015	rumugamPillaiSeethaiAmmalCollege, Tirupattur		UGC Sponsored National Seminar
24	Emerging Trends on Materials Characterization	02/10/2015	02/10/2015	SSA College, Devakottai		State Level Conference
25	Training Programme entitled Innovative practices in Teaching& Learning	04/10/2016	04/10/2016	ArumugamPillaiSeethaiAmmalCollege, Tirupattur		NAAC-IQAC Sponsored
26	Recent challenges in Materials science (RCMS-17)	15/07/2017	15/07/2017	SSA College, Devakottai		Inter National Seminar

S.No	Title	Period		Venue	Course Type	Type of program
		From	To			
27	Emerging trends in banking sector	14/02/2020	14/02/2020	Department of B.Voc .IQAC, APSAC, Thiruppathur		UGC Sponsored national seminar
28	High lights of physics in current scenario	10/03/2020	10/03/2020	Raja Doraisingam Govt.Arts College, Sivagangai		National seminar
29	Materials for Current Trends and Future Challenges (MCTFC 20)	14/07/2020	15/07/2020	Govt. Arts College for women, Salem-8.		International webinar
30	Research Evolution Towards Current Scenario	13/07/2020	14/07/2020	Periyar EVR College, Trichy		International webinar
31	Knowledge updation in multifunctional materials	16/07/2020	16/07/2020	Department of Physics, Lekshmpuram College of Arts and Science Neyyoor		National webinar
32	Greening the Red planet	17/07/2020	17/07/2020	Department of Physics and IQAC, Aditanar College of Arts and Science, Tiruchendur		National webinar
33	Room temperature multi ferroics through Nano and Bulk materials	20/07/2020	20/07/2020	SA Engineering College, Chennai		National webinar
34	Lasers Basics and material processing Applications	21/07/2020	21/07/2020	Department of Science and Humanities, Kumaraguru College of Technology Coimbatore		National College (Autonomous), Trichy.
35	Ultra high temperature materials for Hypersonic Applications	23/07/2020	23/07/2020	Department of Physics, SRM Institute of Science and Technology Ramapuram campus, Chennai		International webinar
36	Advanced materials for sustainable Development	23/07/2020	23/07/2020	School of Advanced Sciences, Kalasalingam Academy of research and Education, Krishnankoil		International webinar
37	Preparation methods and Deposition Techniques of Nano Structures	25/07/2020	25/07/2020	National College (Autonomous), Trichy.		National webinar

S.No	Title	Period		Venue	Course Type	Type of program
		From	To			
38	Terahertz Generation studies of NLO Crystals	25/07/2020	25/07/2020	Nesamony Memorial Christian College, Marthandam		National level webinar
39	Indian nuclear power programme	08/06/2021	08/06/2021	Karunya Institute of Technology and sciences, Coimbatore		International webinar
40	Astronomy and Astrophysics	22/07/2021	22/07/2021	Karunya Institute of Technology and sciences, Coimbatore		International webinar
41	Nanomaterials for energy applications	22/09/2021	22/09/2021	Arul Anandar College, Karumathur		International webinar
42	Modern Trends in Physics	01/01/2022	01/01/2022	Department of Physics, Vivekananda College, Madurai		Faculty Development Program
43	Recent Trends and Future perspectives of Biosciences	05/09/2014	06/09/2014	Arumugam Pillai Seethai Ammal College, Tirupattur	? Presented in the UGC Sponsored National Seminar on 'Biovision-2014'	UGC Sponsored National Seminar
44	"Recent Advances in Functional New materials" as reducing agent	08/09/2014	08/09/2014	Idhaya College for women, Sarugani	? Presented	National Seminar
45	Structural and optical and properties of Ni-doped Cds thin films prepared by CBD method	16/12/2014	20/12/2014	Bhabha Atomic research Centre & DAE, BRANS, VIT University, Vellore	Presented	the 59th DAE Solid State Physics Symposium
46	Room temperature Ferro Magnetism in co doped Cds Thin films prepared by CBD Method	20/09/2016	20/09/2016	Ananda College, Devakottai	Presented	International Seminar (PHYIM-2016-2017)
47	Synthesis and characterization of cadmium Sulphide Nano thin films prepared by CBD method	06/12/2019	06/12/2019	Sree Sevugan Annamalai College, Devakottai	Presented	National Seminar
48	"Synthesis and characterization of cadmium Sulfide (CdS) Nano thin films prepared by CBD method	20/02/2020	21/02/2020	Department of Physics, Thirukolanjiappar Govt. Arts College, viruddhachalam	Presented	International conference

Research Achievements:

International Journal Publications:

S.No	Title of the Paper	Name of the Journal	Vol.No & Page No.	Month & Year	Current Status
1	Structural, optical and magnetic properties of Ni-doped CdS thin films prepared by CBD	Journal of Materials Science: Materials in Electronics	26,2059–2065	12/2014	Published
2	Structural and optical properties of Ni-doped CdS thin films prepared by chemical bath deposition method	Solid State Physics	1665 ,080058-1-3	06/2015	Published
3	Studies on dilute magnetic semiconducting co- doped CdS thin films prepared by chemical bath deposition method	Journal of material science:Mater.Electron	28,12092-12099	04/2017	Published

National Conference Publications:

S.No	Title of the Paper	Name of the Conference	Organizer	Month & Year
1	Influence of Co Doping In CdS Thin Films By Chemical Bath Deposition Method	IJLRET	---	04/2016
2	Variation in structural and optical properties of CdS thin films due to variation in bath Media	Advanced materials and its applications.(NCAMA-2014)	---	04/2014

Other Contribution work to the Institute/Organization:

S.No	Name	Role	Period		Nature of Duties
			From	To	
1	Women's studies and girls students welfare	Member	06/15/2011	03/04/2012	To create awareness
2	Women's studies and girls students welfare	Member	06/20/2013	08/04/2014	To create awareness
3	SC\ST CELL	Member	06/18/2014	08/04/2015	To Facilitate the Students
4	Youth red cross society	Member	06/18/2015	07/04/2016	TO motivate to serve
5	Examination, Grievance and redressal cell ,SC\ST CELL	Member	06/16/2016	05/04/2017	To conduct exam, To Facilitate the Students
6	Grievance and redressal cell , SC\ST CELL , Women's welfare committee	Member	06/16/2017	04/04/2018	To create awareness
7	Grievance and redressal cell ,Women's welfare committee, SC\ST CELL	Member	06/18/2018	04/04/2019	To create awareness
8	Alumni Association , SC\ST CELL	Executive member	06/17/2019	04/04/2020	To create awareness
9	Alumni association , women empowerment , Mulya pravah committee	Alumni association	06/15/2020	05/04/2021	To Facilitate the Students
10	women empowerment , Alumni association	Co-convener ,Executive member	06/16/2021	04/04/2022	ability to determine their own choices

S.No	Name	Role	Period		Nature of Duties
			From	To	
11	Alumni association	Executive member	06/15/2022	05/04/2023	To Facilitate the Students