

Name : Dr. B. Uma
Qualification : M.Sc., M.Phil., Ph.D.



Designation : Assistant Professor
Years of Experience: UG: 5 Yrs PG: NIL
Previous Experience: UG: 17 Years PG: 4 Months
Area of Specialization: Materials Science, Crystal growth
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MEMBERSHIP

S.No.	Details	State/National/International
1	Indian Association for Crystal Growth	National

WORKSHOPS

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Dean of Research and Academics, Ethiraj College for Women, Chennai	State level	Academics and Research 2017	01.02.2017
2	IQAC, Ethiraj College for Women, Chennai	State level	NAAC Regulations : A Holistic Approach	12.10.2019
3	Department of Physics, Arulmigu Palaniandavar Arts College for Women, Palani	Online State level Workshop	“Materials Science and Applications”	29.05. 2020.

CONFERENCES ATTENDED / PRESENTED PAPER

S.no.	Organized by	State/National/International	Participated/Presented	Title	Date(s)
1	Ethiraj College for Women, Chennai	International	Participated	Biosphere Conservation – Emerging Vistas in Sciences, Economics and Tamil Literature (Best 2020)	17.02.2020 & 18.02.2020

2	SSN Research Centre, SSN Institutions, Chennai	International	Participated	Solution Grown Crystals and their applications	13.09.2021-15.09.2021
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SEMINARS

S.no.	Organized by	State/national/international	Topic	Date(s)
1	Department of Physics and Chemistry, SSM Institute of Engineering and Technology, Dindugal.	International	Virtual Seminar on Materials and their Applications	18.6.2020 & 19.06.2020

CERTIFICATE COURSES /VALUE ADDED COURSES

S. No.	Offered by	Topic	Date
1	MHRD, University of Madras	Orientation Programme	
2	MHRD, University of Madras	Refresher Course in Physics – Batch XXII	27.11.2020-10.12.2020
3	SSN Research Centre, SSN Institutions, Chennai	Indian Summer School on Crystal Growth	14.05.2020- 23.05.2020

FDP/STTP

S. No.	Organized by	State/National/International	Topic	Date
1	Ethiraj Centre for Research, Innovation and Creativity, Ethiraj College for Women, Chennai	State	Research, Innovation and Creativity	14.09.2019
2	Ramanujam College, University of Delhi	National	Managing Online Classes and Co-Creating MOOCS 2.0	8.5.2020-3.06.2020
3	PG Department	State	Research Funding and	26.5.2020-

	of Journalism, Ethiraj College for Women, Chennai		Publication	28.5.2020
4	Department of Electronics and Communication Engineering, R.M.K. Engineering College, Kavaraipettai.	State	Role of Technology in Post Covid World	12.5.2020
5	Department of Physics & Chemistry, St. Joseph Institute of Technology, Chennai.	State	Frontiers in Scientific Research and Technology	11.6.2020- 13.6.2020
6	ICSI-SIRC and New College, Chennai	State	Recent Amendments in Companies Act 2013	27.05.2020
7	Ethiraj College for Women, Chennai	State	Creating and Managing a Course in LMS	05.07.2021- 20.07.2021

Webinars

S. No.	Organized by	State/National/International	Topic	Date
1	Department of Physics, Jerusalem College of Engineering, Chennai	State	Fascinating Phase Singularities	29 th May 2020
2	Department of Physics, Justice Basheer Ahmed Sayeed College for Women, Chennai	State	Physics Webinar Series	26th to 28th May 2020
3	Department of	State	“Recent Advancements in	30.05.2020

	Physics, Vivekananda College of Arts and Science, Elayampalayam, Tiruchengode, Nammakkal District, Tamil Nadu		Bio & Nanomaterials	
4	Department of Physics, KPR institute of Engineering and Technology, Arasur, Coimbatore	State	Glimpse of Matlab	27.5.2020
5	Department of Physics, Prathyusha Engineering College, Chennai	State	Recent Advances in Crystal Technology	28.5.2020
6	Department of Corporate Secretaryship, Ethiraj College for Women, Chennai	State	Plan your Financial Future Today	2.6.2020
7	Department of Physics, Kumaraguru College of Technology, Coimbatore	State	Shock Waves- A Potential Tool for Tailoring Materials Property	22.5.2020
8	Lady Doak College, Madurai	National	Non Optical Behaviour of Nanomaterials	28.5.2020
9	Academy of Physics Teachers, Kerala	National	Unsolved Problems in Physics	22.5.2020
10	Department of Physics, AMET University	National	“NANOMATERIALS FOR SOLAR CELL APPLICATIONS	10.06.2020

11	Department of Chemistry, Mookambigai College of Engineering, Pudukottai.	State	Ideas of Green Chemistry for Sustainable Development of Clean Environment	18.06.2020
12	Department of Chemistry, Saveetha Engineering College, Chennai	State	Publishing in International Journals of High – Do's and Dont's	25.06.2020
13	Department of Chemistry & Physics, Government Arts College , Salem	National	EPR Spectroscopy and its Applications	26.06.2020
14	Centre for Material Science, Karpagam Academy of Higher Education	International	Super Capattery- A future bridge to connect energy storage and conversion technology	20.11.2021