

FACULTY PROFILE



Name : Dr.V.Chitra, M.Sc., M.Phil., Ph.D.

Designation : ASSISTANT PROFESSOR (Selection Grade)

Email ID : chitrasrit22@gmail.com

Area of Specialization : Thin Film Nano Technology – Solar Cell

Total Experience : Academic :27years 6months

Industry : -

Educational Qualification:

Degree	Branch / Specialization	College	University
B.Sc.	Physics	P.S.G.R. Krishnammal College for Women, Coimbatore	Bharathiar University
M.Sc.	Physics-Electronics	P.S.G. College of Arts and Science, Coimbatore	Bharathiar University
M.Phil.	Physics-Electronics	P.S.G. College of Arts and Science, Coimbatore	Bharathiar University
Ph.D.	Thin Film Nano Technology – Solar Cell	Coimbatore Institute of Technology, Coimbatore	Anna University

Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	To	
1	Sri Ramakrishna Institute of Technology, Coimbatore	Assistant Professor (Selection Grade)	23.07.2003	Till Date	12 Years 8 Months
2	Suguna Polytechnic College, Coimbatore	Lecturer	16.06.1998	10.06.2003	5 Years
3	Protek Land Computer Centre,	Faculty	10.08.1994	01.06.1998	3 Years 10

	Coimbatore				Months
4	Ministry of Science, Technology and Vocational Training, Zambia	Senior Lecturer	23.03.1994	29.07.1994	4 months
5	Ministry of General Education, Zambia	Senior Teacher in Physics	22.04.1991	15.03.1994	2 Years 11 Months
6	SNR Sons College, Coimbatore	Assistant Professor	19.07.1988	18.04.1991	2 Years 9 months
Total (as on Feb 2016)					Years : 27 Months : 6

Publications :

Journals :

National /International	Topic	Journal	Year of Publication
International	Structural, Optical, Electrical and Photo Conducting Properties of Pulse Plated Copper Gallium Selenide Films	Composites Part B: Engineering Vol. 58, pp.160-165 (Annexure I Impact Factor 2.143)	2014
International	Photo Electrochemical Behaviour of Copper Indium Selenide thin Films	Advanced Materials Research, Vol. 678, pp.343 – 348 (Annexure II)	2013
International	Deposition of CdSeFilms by Pulsed Galvano staticElectro Deposition and Their Properties	Advanced Materials Research, Vol. 678, pp.144 – 148 (Annexure II)	2013
International	Pulse Electrodeposited Copper Indium Selenide Films	Paper Published in 219 ECS Meeting, Montreal QC, Canada	2011
International	Pulse Electrodeposited CuGaSe2Films and Their Properties	Paper Published for Publication in “ECS Transactions – Boston, MA” Volume 41, “Electrodeposition of Nanoengineered Materials and Devices 4”, from the Boston, MA Meeting	2012

International Conferences:

National /International	Topic	Conference	Year of Publication
International	Photoelectrodeposited Copper Indium Selenide thin film	International Conference on Nano science and Nanotechnology (ICNN2011)	2011
International	Deposition of CdSe Films by Pulsed Galvanostatic Electro Deposition and Their Properties	International Conference on Nano science and Nanotechnology (ICNN2011)	2011
International	Electrochemical Photovoltaic Cell with Pulse Electrodeposited Copper Indium Selenide thin films	International Conference on Nanoscience, Engineering & Technology (ICONSET2011) -IEEE	2011
International	Pulse Electrodeposited CuGaSe ₂ Films and their Properties	International Conference On Advance Materials (ICAM 2011)	2011

National Conferences:

National	Pulse Electrodeposited Copper Indium Selenide Films and their Photo Electrochemical Behaviour	National Conference on Nanoscience and Technology	2011
National	Characteristics of Pule Plated CuGaSe ₂ Films	National Conference on Thrust Areas of Engineering (NCTAE 2012)	2012
National	Properties of Pulse Electrodeposited CuGaSe ₂ Films	National Conference on Recent Trends in Materials Science (NCRMS – 2012)	2012

Seminar, Conference, Workshop Attended:

PARTICULARS	Title	Date	Venue
Lectures given			
Conducted			
Attended 1	Microprocessor and their Applications	March 29-31, 1990	PSG College of Arts and Science, Coimbatore
2	Workshop on Nonlinear Dynamics	February 09-10, 2007	Government Arts College, Coimbatore
3	Physics with Homemade Equipment and Innovative Experiments (Phoenix)	October 09, 2007	Kongunadu Arts and Science College, Coimbatore
4	Recent Trends in High Data Rate Wireless Communication	August 20-21, 2009	Sri Ramakrishna Institute of Technology, Coimbatore
5	Emerging Research Trends in Thin Film and Nanotechnology	October 3, 2009	Government College of Technology, Coimbatore
6	One Day National Workshop on Nanomaterial and Device Modeling	March 4, 2011	PSG College of Technology, Coimbatore
7	Pre-Conference Workshop International Conference on Nano Science and Nanotechnology (ICNN 2011)	July 5, 2011	Coimbatore Institute of Technology, Coimbatore
8	Need Based Approach for Effective Teaching	June 21, 2011	Sri Ramakrishna Institute of Technology, Coimbatore
9	International Workshop on Nano Electronics	December 30, 2011	Sri Ramakrishna Institute of Technology, Coimbatore
10	One Day Workshop on Patents and Designs	February 15, 2012	Sri Ramakrishna Institute of Technology, Coimbatore
11	ISTE Workshop – Aakash for Education – IIT (Bombay)	November 10 – 11, 2012	Sri Ramakrishna Institute of Technology, Coimbatore
12	ISTE Workshop on Engineering Thermodynamics	December 11-21, 2012	Sri Ramakrishna Institute of Technology, Coimbatore

FDP/FEP:

PARTICULARS	Title	Date	Venue
Lectures given			
Conducted			
Attended 1	FDP	June 10-11, 2005	Sri Ramakrishna Institute of Technology, Coimbatore
2	Inculcating Open Source Software Development and its Use in Multi-disciplinary Engineering Domains	June 22 – July 06, 2007	PSG College of Technology, Coimbatore
3	Non-Destructive Analysis Using Microwave	December 23, 2008	Einstein College of Engineering, Tirunelveli

Board of Examiners:

S.No	Institute	Type of Work
1	Anna University Affiliated Colleges	Internal and External Examiner for Theory and Practical

Membership in Professional Bodies:

S.No	Professional Body	Year of Joining	Type
1	The Indian Society for Technical Education (ISTE)	2009	Life Member

Contributions to the Institution, Department and Society:

PARTICULARS	Title	Date	Venue
Co-ordinator	National Service Scheme (NSS)	1998 - 2003	Suguna Polytechnic, Coimbatore

PROJECT Guided:

Project Title	Student Details	Year
Monochrome Television Receiver	Chandrasekar. S, Jamuna.R, Ramesh.G, Thangavel.M, Uma.M, Vinod.B	1990 - 1991

Heart Beat Monitor	Chitra.K, Gunasekar.S, Krishnamurthy.M, Rajamani.R, Sivabasuvan..K	1990 - 1991
Mini Exchange	Allwin Dickson Wood, Amsaraj.S.P, PravinKumar.B, Prabhu.S, SasiKumar.R, SenthilKumar.S	2000 - 2001

Awards and Recognitions:

1. **Best paper** awarded for the paper entitled " **Characteristics of pulse electroplated CuGaSe₃ films**" which was presented on 20th January 2012 at the National Conference on thrust areas in Engineering(NCTAE-2012) in physics Department, Global Academy of Technology, Bangalore.
2. SRIT Alumni Association , '**Dr.Radhakrishna Award**' for Academic contribution and Excellence:: Date 26th Jan 2015.