

FACULTY PROFILE

Name:Dr.M.Thamarai

Designation:Professor

Qualification:B.E., M.E., Ph.D

Date of birth: 26.05.1970

Experience:

Years

Teaching: 18 yrs 6 months Industrial:6 Yrs 10 months

Research: 7 YRS



Area of Specialization: Digital Image Processing

Date of joining: 2.07.2018

Research Interests:Signal processing, Video coding, optimization techniques, VLSI Implementation of Image processing algorithms, Underwater image processing, Multispectral image processing

Address for Communication:

Permanent Address:No.5,Kannan Nagar, Sivalaingapuram, ondipudur, Coimbatore-641016,Tamilnadu.

Present Address:Plot No.102, Gaythri Towers, Road No. 4 ,FCI Colony, Tadepalligudem, Andrapradesh.

Email:mthamarai2014@gmail.com,sreethamarai2000@yahoo.co.in

Mobile No:9443944575

Academic Degree:(From highest)

Degree	School/College	Board/University	Year of Pass
Ph.D	Govt.college of Technology, Coimbatore	Anna University	2014
M.E.	Maharaja Engineering college	Anna University	2004
B.E.	Kongu Engineering college,Erode	Bharathiar University	1992

Experience particulars:(latest first)

College/University	Designation	Duration
Sri Vasavi Engineering college	Professor	2.7.2018 onwards
Malla reddy college of Engineering,Secundrabad	Professor	1 Year
Madanaplle Institute of technology&Science	Professor	2 yrs

Karpagam college of Engineering	Associate Professor and Professor	10 yrs
Tamilnadu college of Engineering	Asst.Professor	1 yrs 6 months
Maharaja Engineering college	Asst.Professor	2 yrs
Nanjappa Institute of technology	Lecturer	6 months
Suguna Polytechnique	Lecturer	1 yr 6 months
Industry		
Alacrity Associates	Quality controller-Manager	6 yrs 10 months

Administration:

- Worked as a HoD at Karpagam college of Engineering and Madanaplle Institute of Technology.
- Worked as Dean Academics at Malla Reddy college of Engineering
- Worked as NBA , NAAC Co ordinator and Autonomous co ordinator.
- Member of Performance Based Faculty Appraisal System at Madanapalle Institute of Technology.
- Worked as NIRF CO ORDINATOR at MITS.
- Worked as Board of studies –ECE chairman at Karpagam college of Engineering.
- Acted as college timetable co ordinator.
- Acted as IEEE Student branch counselor at Krpagam college of Engineering

Papers Published in referred Journals:19

National: 3

International:16

Papers presented in Conferences:

National: 6

International:11

Keynote address/Guest Lectures delivered:4

- Presented a special lecture on BJT Biasing techniques and amplifier design in an FDP on Analog Electronics conducted at Malla Reddy college of Engineering in July 2017.
- Acted as resource person and presented a lecture on Digital circuits- layout design in an FDP on VLSI Design conducted at Madanapalle Institute of Technology, Chittoor.
- Presented a lecture on Video compression and Image Fusion (as a resource person) in the Digital Image Processing FDP conducted at GCT Coimbatore in the year 2010 and 2011.
- Presented a Key note speech on Optimization techniques in Digital Image processing at Karpagam college of Engineering in the national level conference.

No. of Workshops / Seminars/FDPs Conducted: 15

No. of Workshops / Seminars/FDPs Participated: 20

No. of projects guided/guiding:

UG: 30

PG: 16

No. of Ph.D's guided/guiding: Nil

Memberships in Professional Societies:

- Member in **ISTE**
- Member in International Association of Engineers
- Member in IRED-Institute of Research Engineers and Doctors
- Member in ISRD – International Society for Research and Development
- Member in WASRTI – World Association for Scientific Research & Technical Innovation

Achievements:

- Acted as a lead guest editor for the special issue titled “Computational Intelligent in Digital Image Processing” in the Science PG Publications journal, Science Journal of Circuits and Systems and Signal processing.
- Acts as a Editorial member of the International Journal of Intelligent Information Systems.
- Acts as a Editorial member of Journal of Electrical and Electronic Engineering.

Book chapter published

1. M.Thamarai and Dr.R.Shanmugalakshmi “Swarm Intelligence in video coding” for a Book titled as “Advances in Video coding”, INTECH Open Access Publisher ISBN 978-953- 307-181-7, (www.intechweb.org) on July 2011 .

Awards received: “Best Academician award” received from Combined Society for Educational Research and Development, Dehradun, Dated on 10.03.2018.

Patents Published:1

Patent No:101841010055 A Date: 6/4/2018

Title: Intelligent Display Board and a System to Display data received over a Network.

Research grants received:

Received Rs. 80,000/- AICTE GRANT for seminar on Neural networks at Karpagam college of Engineering.

Received AICTE GRANT Rs 25 lakhs UNDER Modrop scheme for Microwave lab.

Received Rs.50,000/- as seed money for the project titled as Smart Tube light system,” from MITS, Madanapalle in the year 2016.

Research Proposals submitted:

Project proposal titled , DEVELOPMENT OF MULTISPECTRAL IMAGE COMPRESSION ALGORITHMS FOR SATELLITE ONBOARD APPLICATIONS” is submitted to DST SERB ON 4.0.7.2018.