

FACULTY PROFILE

1. Name and Designation : **Dr.V Abhaikumar Professor and Principal**

2. Department : ECE

3. Date of Birth :17.12.1956

4. Unique id : 1-488277149

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

6. Work Experience :

- Teaching : 37 years
- Research : 35 years
- Industry : 8 years



7. Area of Specialization : Numerical Methods for Electromagnetics and Antennas

8. Courses Taught at:

UG Level : Electromagnetic fields and Antennas

PG Level : Antennas for wireless Systems and Antenna Theory

9. Research/Project Guidance :

Master ; 45

Ph.D ; 16

10. Projects Carried out : 20

11. Patents : Obtained : 03 Applied : 01

12 : Technology Transfer : 01

13. Research Publications :

National Journals : 10

International Journals ; 56

Conferences : 162

14. No of Books Published with details : 01 (cookbook for ADS software)

FACULTY PROFILE



1. Name and Designation : Dr.S Raju, Professor and Dean (industry interface)

2. Department : ECE

3. Date of Birth : 01.08.1960

4. Unique id : 1-488277293

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

6. Work Experience :

- Teaching : 33 years
- Research : 30 years
- Industry : 8 years

7. Area of Specialization : RF and Antennas

8. Courses Taught at:

UG Level : Electromagnetic fields and Microwave Engineering

PG Level : RF active for wireless systems and RF passive for wireless systems

9. Research/Project Guidance :

Master ; 40

Ph.D ; 14

10. Projects Carried out : 17

11. Patents : Obtained : 03 Applied : 01

12 : Technology Transfer : 01

13. Research Publications :

National Journals : 07

International Journals ; 40

Conferences : 118

14. No of Books Published with details : 01 (cookbook for ADS software)

FACULTY PROFILE



1. Name and Designation: **Dr.S.J. Thiruvengadam, Professor**

2. Department : **Electronics and Communication Engineering**

3. Date of Birth : **20.01.1970**

4. Unique id : **1-488277315**

5. Education Qualification: **B.E., M.E., PhD**

6. Work Experience :

- Teaching : **25 Years**
- Research : **21 Years**
- Industry : Nil
- Others : **Postdoctoral Studies at Stanford University, USA , under TIFAC, DST Fellowship**

7. Area of Specialization : **Signal Processing for Communications**

8. Courses Taught at:

UG Level : Signals and Systems, Signal Processing, Communications Systems, Control Systems

PG Level : Random Signal Processing, MIMO OFDM Systems, Communication System Engineering

9. Research/Project Guidance :

Master ; **60**

Ph.D ; **11**

10. Projects Carried out : **12**

11. Patents : Obtained : NIL Applied : ONE

12 : Technology Transfer : NIL

13. Research Publications : Scopus: 79, Web of Science: 23

National Journals : **01**

International Journals; **45**

Conferences : **40**

14. No of Books Published with details : **NIL**

FACULTY PROFILE

Photo



1. Name and Designation : **Dr.A.Banumathi,Asso.Professor**

2. Department :**Electronics and Communication Engineering**

3. Date of Birth : **30.01.1963**

4. Unique id : **1-488277517**

5. Education Qualification: **B.E., M.E., Ph.D**

6. Work Experience :

- Teaching : **29** Years
- Research : **19** years
- Industry : Nil
- Others : Nil

7. Area of Specialization : **Medical Image Processing**

8. Courses Taught at:

UG Level : **29** years

PG Level : **17** Years

9. Research/Project Guidance :

Master ; **40**

Ph.D ; **3** (Guided) + **4** (Under Guidance)

10. Projects Carried out : **1NO.-(UGC--Victims Identification In forensic Odontology using Dental Images)**

11. Patents : Obtained : **1No.**(Dental Cysts Detector - Granted)
1 No.(Dental Caries Detector-Published)

Applied : **Nil**

12 : Technology Transfer : **21**

13. Research Publications :

National Journals : **Nil**

International Journals ; **22**

Conferences : **28**

14. No of Books Published with details : **Nil**

FACULTY PROFILE



1. Name and Designation : **B.MANIMEGALAI**, Professor

2. Department : ECE

3. Date of Birth : 31.07.1969

4. Unique id : **1-488277323**

5. Education Qualification: B.E. ,M.E.. PhD.

6. Work Experience :

- Teaching : 23
- Research : 5 years part time
- Industry : 8 months

7. Area of Specialization : Electromagnetics, RF, Antennas

8. Courses Taught at:

UG Level :

PG Level :

9. Research/Project Guidance :

Master ;

Ph.D ;

10. Projects Carried out : Two (DRDO sponsored)

11. Patents : Nil

12 : Technology Transfer : ICT based lecture

13. Research Publications :

National Journals : 1

International Journals ; 7

Conferences : 45

14. No of Books Published with details : 1 chapter in Numerical Analysis And Simulation Of Fractal Antenna, NCM, Gandhi Gram University & Published In Book “Mathematics, Computing And Modeling”, Allied Publishers Pvt Ltd., 2007

FACULTY PROFILE

1. Name and Designation : B.YOGAMEENA, Associate Professor, ECE

2. Department : Electronics and Communication Engineering

3. Date of Birth: 14.05.1979

4. Unique id : 1-488277545

5. Education Qualification: Ph.D

6. Work Experience :

- Teaching : 16 years 8 months
- Research : 14 years
- Industry : 3 months training
- Others :

7. Area of Specialization : Video Analytics

8. Courses Taught at:

UG Level : Image processing, Computer Vision and Applications, Digital Video Systems,

Engineering by Design, Data Compression

PG Level : Video Surveillance Systems, Computer Vision

9. Research/Project Guidance :

Master ;

Ph.D ;5 (Undergoing), 1- Completed (Joint Supervisor)

10. Projects Carried out :5 (UGC, DST, Honeywell)

11. Patents : Obtained : Nil Applied : Nil

12 : Technology Transfer :

13. Research Publications :

National Journals :-

International Journals ; 14

Conferences : 39 (NC:15, IC: 24)

14. No of Books Published with details :- Nil



FACULTY PROFILE



1. Name and Designation : Dr.D.GRACIA NIRMALA RANI

2. Department : ECE

3. Date of Birth : 08.04.1983

4. Unique id : 1-481532469

5. Education Qualification: B.E (ECE), M.E (VLSI DESIGN), PH.D

6. Work Experience :

- Teaching :11 years 6 Months
- Research : 11 years
- Industry : Nil
- Others : Nil

7.Area of Specialization :VLSI Design

8.Courses Taught at:

UG Level : Digital Logic Circuit Design, Digital System Design using FPGA, ASIC Design
CAD for VLSI, Advanced Digital Systems, Basic Electronics, Microcontroller, Low Power
VLSI

PG Level : Digital Integrated Circuits, CMOS ASIC Design, Digital Logic Design with
VHDLs.

9.Research/Project Guidance :

Master ; VLSI Physical Design, Floorplanning, VLSI in Biomedical Applications, VLSI
Routing, Circuit Design for High Speed Applications.

Ph.D ; Radio Frequency Integrated circuits, CMOS Based Bio Sensor, Image processing
Application and Machine Learning Techniques for 3D –IC Design.

10. Projects Carried out : Nil

11. Patents : Obtained : Nil Applied : 1

12 : Technology Transfer : Nil

13. Research Publications :

National Journals :Nil

International Journals ; 12

Conferences :14

14. No of Books Published with details: 1

VLSI Design and Test - 201922nd International Symposium, VDAT 2018, Madurai, India, June 28-30, 2018. Editors:S. Rajaram N.B. Balamurugan D. Gracia Nirmala Rani Virendra Singh , Springer, Communications in Computer and Information Science, DOI 10.1007/978-981-13-5950-7 ISBN 9789811359507 (online) 9789811359491 (print)

FACULTY PROFILE

1. Name and Designation : Dr.S.RAJARAM

2. Department : ELECTRONICS AND COMMUNICATION ENGG

3. Date of Birth : 26.06.1973

4. Unique id : 1-488277293

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

6. Work Experience :

- Teaching :21 years
- Research : 15 years
- Industry : -
- Others : One year Post Doctoral Research at Georgia Institute of Tech, Atlanta USA

7. Area of Specialization : VLSI Design

8. Courses Taught at:

UG Level : CMOS VLSI Design, ASIC Design, Low Power VLSI design

PG Level : Digital IC Design with HDL, Reconfigurable wireless Transceiver,

CMOS ASIC Design

9. Research/Project Guidance :

Master ; 30

Ph.D ; 10

10. Projects Carried out : 4

Sponsored Research

TITLE	SPONSORING AGENCY
Design of W Band LNA in 130nm SIGE process	RCI, Hyderabad
TIFAC CORE In Wireless Technologies-Phase II	DST
RF,DSP &VLSI For Wireless system	FIST,DST
Setting up of EDA tools laboratory for ASIC design	AICTE, New Delhi



11. Patents : Obtained : 0 Applied :1

12 : Technology Transfer :

13. Research Publications :

National Journals : 3

International Journals ; 76

Conferences : 119

14. No of Books Published with details :

1. Handbook of Research on Advanced Data Mining Techniques and Applications for Business Intelligence", IGI Global Publishers,2016
2. "Big Data in Medical Image Processing", CRC Press ,Taylor & Francis Group, 2018
ISBN :9781138557246.
3. "Linear Integrated Circuits and its Applications-TEXAS INSTRUMENTS,2017(SSQU016).
4. Book chapter " Applying Big Data Analytics in Bioinformatics and Medicine", IGI Global Publishers,2017(011216-120742).
5. "Classification of US liver images using Machine learning Techniques", LAMBERT Academic Publishing, 2014. ISBN: 978-3-659-59651-3.
6. Book Chapter "Genetic Algorithms Theories and Applications", LAMBERT Academic Publishing, 2012,ISBN :978-3-8484-4708-4

FACULTY PROFILE

1. Name and Designation : E. MURUGAVALLI, Assistant Professor

2. Department : Electronics and Communication Engineering

3. Date of Birth : **26.02.1975**

4. Unique id : 1-489908641

5. Education Qualification: M.E, Ph.D

6. Work Experience :

- Teaching : 18 Yrs.
- Research : 9 Yrs.
- Industry : -
- Others :

7. Area of Specialization : Wireless Communication Networks

8. Courses Taught at:

UG Level : Data Communication Network, Optical Communication Network, High Performance Network, Multimedia, Cooperative Communication Systems, Microcontroller

PG Level : Wireless Network Technologies , Wireless Network Security, Network Management, Communication Networks, Optical Networks

9. Research/Project Guidance :

Master ; 14

Ph.D ; -

10. Projects Carried out : -

11. Patents : Obtained : - Applied : -

12 : Technology Transfer : -

13. Research Publications :

National Journals : -

International Journals ; 05

Conferences : 13

14. No of Books Published with details : -



FACULTY PROFILE

1. Name and Designation : K.Kalyani

2. Department : ECE

3. Date of Birth : 20.5.1980

4. Unique id : 1-490595433

5. Education Qualification: M.E., Ph.D

6. Work Experience :

- Teaching : 12 years
- Research :
- Industry :
- Others :

7. Area of Specialization : VLSI

8. Courses Taught at:

UG Level : 1. Basic of Electronics Engineering

2. Digital Logic circuit design using HDL

3. Semiconductor devices

4. Digital system design using FPGA

5. Low power VLSI

6. ASIC Design

7. Active circuits Analysis and Synthesis

8. Consumer Electronics

9. Multimedia Systems

10 . Microprocessor

11. Signal and Systems

PG Level :

1. Digital Logic circuit design with VHDL

2. DSP with FPGA

9. Research/Project Guidance :



Master ; 8

Ph.D ; -

10. Projects Carried out : -

11. Patents : Obtained : - Applied : -

12 : Technology Transfer : -

13. Research Publications :

National Journals : -

International Journals ; 12

Conferences : 24

14. No of Books Published with details : -

FACULTY PROFILE

1. Name and Designation : Dr.P.G.S.Velmurugan

2. Department : Electronics and Communication Engineering

3. Date of Birth : 27-05-1980

4. Unique id : 1-490595415

5. Education Qualification: B.E., M.E., PhD

6. Work Experience :

- Teaching : 13 Years , 4 Months
- Research : 10 Years
- Industry : NIL
- Others : NIL



7. Area of Specialization : Signal Processing for Wireless Communications

8. Courses Taught at:

UG Level : Signals and Systems, Signal Processing, Control Systems, DSP Architecture and Programming, Basics of Electrical and Electronics, Capstone, Signal Processing Lab, Analog and Digital Communication Lab.

PG Level : Adaptive Filters, Radar Signal Processing, Radar Systems

9. Research/Project Guidance :

Master ; 11

Ph.D ; 01 (on going)

10. Projects Carried out :

- Co investigator in Project title “Development and implementation of Signal processing algorithm for Real time radar pulse parameters measurement” – DLRL- Rs 9.775 Lakhs – Year -2015
- Co investigator in Project title “Development of Signal Processing Algorithms for Enhancement of Clipped Region and Estimation of SNR in Automatic Speaker Recognition System” –RIC DRDO- Rs. 11.1 Lakhs (On going)

11. Patents : Obtained : NIL Applied : NIL

12 : Technology Transfer : IUCEE International Educator Certificate

13. Research Publications :

National Journals : NIL

International Journals ; 07

Conferences : 16

14. No of Books Published with details : NIL

FACULTY PROFILE

1. Name and Designation : R.A.ALAGU RAJA

2. Department :ECE

3. Date of Birth :**10.06.1975**

4. Unique id : 1-488277327

5. Education Qualification:B.E(ECE), M.E(Communication systems),

Ph.D(satellite image Processing/Remote Sensing)

6.Work Experience :

- Teaching :21 years
- Research :-
- Industry :-
- Others :-

7.Area of Specialization : satellite image Processing/Remote Sensing

8.Courses Taught at:

UG Level :Image Processing, Remote Sensing, GIS

PG Level :Satellite Image Analysis

9.Research/Project Guidance :

Master ; 25

Ph.D ;-

10. Projects Carried out :Sponsored Projects : 05 (AICTE, ISRO,TEQIP)

11. Patents : Obtained : - Applied :

12 : Technology Transfer :

13. Research Publications :

National Journals :

International Journals ;06

Conferences :81

14. No of Books Published with details :-



FACULTY PROFILE

1. Name and Designation : Dr.G.ANANTHI, Assistant Professor

2. Department : Electronics and Communication Engineering

3. Date of Birth : 04.05.1979

4. Unique id : 1-481532453

5. Education Qualification: M.E., Ph.D.,

6. Work Experience :

- Teaching : 18
- Research : 6
- Industry : -
- Others : -

7. Area of Specialization : MIMO Ad-hoc Networks

8. Courses Taught at:

UG Level : Signal Processing, Wireless Communications

PG Level : Baseband Wireless Communications Systems

9. Research/Project Guidance :

Master ; 12

Ph.D ; 2

10. Projects Carried out : -

11. Patents : Obtained : - Applied : -

12 : Technology Transfer : -

13. Research Publications :

National Journals : 1

International Journals ; 4

Conferences : 20

14. No of Books Published with details : -



FACULTY PROFILE

1. Name and Designation : Dr. V. Vinoth thyagarajan, Assistant Professor

2. Department : Electronics and Communication

3. Date of Birth : **03/06/1982**

4. Unique id : 1-489304922

5. Education Qualification : M.E., Ph D

6. Work Experience :

- Teaching : 13 years 7 months
- Research :
- Industry :
- Others :

7. Area of Specialization : Analog and Digital VLSI

8. Courses Taught at:

UG Level : Analog Electronics, Digital Electronics, Electronic circuits, Linear networks, Opamp circuit design, Consumer Electronics

PG Level : Low power VLSI circuits, ASIC, Digital system design using FPGA, DSP with FPGA

9. Research/Project Guidance :

Master ; 10

Ph.D ; Nil

10. Projects Carried out : Nil

11. Patents : Obtained : Nil Applied : Nil

12 : Technology Transfer : Nil

13. Research Publications :

National Journals : 05

International Journals ; 04

Conferences : 10

14. No of Books Published with details : Nil

Photo



FACULTY PROFILE



1. Name and Designation : K.HARIHARAN, Associate Professor,

2. Department : Electronics and Communication Engineering,

3. Date of Birth :15.01.1974

4. Unique id :1-488277335

5. Education Qualification: B.E, M.E, P.hD

6. Work Experience :

- Teaching : 18 Years
- Research : 8 Years
- Industry : -- Nil

7. Area of Specialization :

MIXED SIGNAL VLSI and EMBEDDED SYSTEM INTEGRATION

8. Courses Taught at:

UG Level :7 subjects

PG Level :2 subjects

9. Research/Project Guidance :

Master ;

Ph.D ;

10. Projects Carried out : Mixed signal vlsi, data converter test bed design

AICTE –RPS, Rs.13 Lakh

11. Patents : Obtained : 01 Applied : nil

12 : Technology Transfer : Nil

13. Research Publications :

National Journals : 10

International Journals ; 6

Conferences : 10

14. No of Books Published with details : nil

FACULTY PROFILE



1. Name and Designation : Dr MSK Manikandan, Associate Professor

2. Department : Electronics and Communication Engineering

3. Date of Birth : **07/01/1975**

4. Unique id: 1-488277339

5. Education Qualification: ME PhD

6. Work Experience :

- Teaching : 18 Years
- Research : 14 Years
- Industry :--
- Others :---

7. Area of Specialization : Wireless Networks and Security

8. Courses Taught at:

UG Level : Computer Networks , Network Security , Multimedia Systems

PG Level : Network Management, Adhoc and Sensor Network, Cryptography with Coding
Theory

9. Research/Project Guidance :

Master ; 24

Ph.D ; 03

10. Projects Carried out : 02

11. Patents : Obtained : --- Applied : ----

12 : Technology Transfer :

13. Research Publications :

National Journals : 03

International Journals ; 20

Conferences : 15

14. No of Books Published with details : ---

FACULTY PROFILE

1. Name and Designation : Dr.N.B.Balamurugan & Associate Professor

2. Department : ECE

3. Date of Birth : 03-06-1975

4. Unique id : 1-481532441

5. Education Qualification: Ph.D.,

6. Work Experience :

- Teaching :20 years
- Research :18 years
- Industry :NIL
- Others :NIL

7. Area of Specialization : Analog VLSI Device Modeling

8. Courses Taught at:

UG Level : Semiconductor Devices, VLSI Design, Electronic Circuits, Digital circuit Design

PG Level : Analog CMOS Circuit Design, Solid State Device Modeling & Simulation,

Nano MOSFET Modeling, Nanoscale Transistors

9. Research/Project Guidance :

Master : 25

Ph.D ;10 completed , 8 ongoing

10. Projects Carried out : 2

11. Patents :NIL Obtained : NIL Applied :NIL

12 : Technology Transfer :NIL

13. Research Publications :

National Journals : 0

International Journals : 58

Conferences : 49

14. No of Books Published with details : 2



FACULTY PROFILE



1. Name and Designation :B.SathyaBama

2. Department : ECE

3. Date of Birth :15.07.1980

4. Unique id : 1-488277549

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

6. Work Experience :

- Teaching :16 years
- Research :
- Industry : - NIL-
- Others :

7. Area of Specialization : Image processing

8. Courses Taught at:

UG Level :Network Theory, Data Compression, Satellite Image Analysis, Telecom Systems, Satellite Remote Sensing, Image Processing and Applications

PG Level :Multimedia Coding and Transmission

9. Research/Project Guidance :

Master ;

Ph.D ;4

10. Projects Carried out :2 (ISRO, Honeywell)

11. Patents:Obtained :1 Applied :1

12 : Technology Transfer : -

13. Research Publications :

National Journals : 2

International Journals ;19

Conferences : 63

14. No of Books Published with details : - Nil-

FACULTY PROFILE



1. Name and Designation : Dr.V.N.SENTHIL KUMARAN Assistant Professor

2. Department : Electronics and Communication Engineering

3. Date of Birth : **20.02.1979**

4. Unique id : 1-490595411

5. Education Qualification: M.E., Ph.D.

6. Work Experience :

- Teaching : 14
- Research : 04
- Industry : Nil
- Others : Nil

7. Area of Specialization : Signal Processing

8. Courses Taught at:

UG Level : Signal Processing, Wireless Communications

PG Level : Baseband Wireless Communication Systems

9. Research/Project Guidance :

Master ; 10

Ph.D ;

10. Projects Carried out : Nil

11. Patents : Obtained : Nil Applied : Nil

12 : Technology Transfer :

13. Research Publications :

National Journals : 02

International Journals ; 02

Conferences : 04

14. No of Books Published with details : Nil

FACULTY PROFILE

1. Name and Designation: Dr. S.PONMALAR, Assistant Professor

2. Department : Electronics and Communication Engineering

3. Date of Birth: 08.05.1976

4. Unique id : 1-489761411

5. Education Qualification: M.E., Ph.D

6. Work Experience :

Teaching: 14 years, 6 months

Research: 3 years, 5 months

7. Area of Specialization : Optical Communication and Networks

8. Courses Taught at:

UG Level : Problem Solving using computer, Data structures and algorithms, Optical communication Networks, Data Compression, Telecom Systems, Consumer Electronics

PG Level : Optical Communication and Networking, Video Surveillance Systems, Wireless Communication Networks

9. Research/Project Guidance :

Master: 13

Ph.D ; 1

10. Projects Carried out : N/A

11. Patents : N/A Obtained : N/A Applied : N/A

12 : Technology Transfer : N/A

13. Research Publications :

National Journals : 1 No.

International Journals ; 4 No.

Conferences : 10 Nos.

14. No of Books Published with details : N/A



FACULTY PROFILE



1. Name and Designation : A Thenmozhi, Associate Professor

2. Department : Electronics and Communication Engineering

3. Date of Birth : 04/04/1967

4. Unique id : 1-488277541

5. Education Qualification: PhD

6. Work Experience :

- Teaching : 27 years
- Research : 17 years
- Industry : Nil
- Others : Nil

7. Area of Specialization : Microwave

8. Courses Taught at:

UG Level : Electromagnetics, RF transmission lines and Passive circuits, RF Active circuits, RF System design and measurements

PG Level : EM Interference and Compatibility, RF test and measurements

9. Research/Project Guidance :

Master ; 13

Ph.D ; 3

10. Projects Carried out : Consultancy – 3, Sponsored - 2

11. Patents : Obtained : Nil Applied : 2

12 : Technology Transfer : Workshop organized - 6, Lecturer delivered – 8, Award - 1

13. Research Publications :

National Journals : 4

International Journals ; 7

Conferences : 8

14. No of Books Published with details : 1.

FACULTY PROFILE



1. Name and Designation :Dr.K.VASUDEVAN, Assistant Professor

2. Department : ECE

3. Date of Birth : 08-12-1980

4. Unique id : 1-481532465

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

6. Work Experience :

- Teaching : 13.5 Years
- Research : NIL
- Industry : NIL
- Others : NIL

7. Area of Specialization : RF & Microwaves

8. Courses Taught at:

- UG Level :
1. Electromagnetics
 2. RF Transmission lines and Passive Circuits
 3. Antennas and Wave Propagation
 4. RF and Microwave Engineering
 5. RF Wireless Systems
 6. RF Active Circuits
 7. Planar Antennas for Wireless Communication

- PG Level :
1. Microwave Circuits and Systems
 2. Antenna Technology and Design
 3. RF Passive Circuits for Wireless Systems
 4. RF Active Circuits for Wireless Systems
 5. RF MEMS

9. Research/Project Guidance :

Master : 12

Ph.D : NIL

10. Projects Carried out : NIL

11. Patents : NIL

12 : Technology Transfer : NIL

13. Research Publications :

National Journals : 2

International Journals : 2

Conferences : 6

14. No of Books Published with details : NIL

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FACULTY PROFILE

1. Name and Designation : Dr.V.R.Venkatasubramni, Assistant Professor

2. Department : ECE

3. Date of Birth : 18.07.1973

4. Unique id : 1-490595419

5. Education Qualification: M.E., Ph.D.

6. Work Experience :

- Teaching : 13 years
- Research :
- Industry : 4 years
- Others : -

7. Area of Specialization : Cryptographic VLSI, Analog VLSI

8. Courses Taught at:

UG Level : Network Theory, Digital CMOS Systems, Engineering Exploration, Lateral Thinking

PG Level : Digital Integrated Circuits, Analog CMOS Circuit Design

9. Research/Project Guidance :

Master ; Guided:12, Guiding:1

Ph.D ; Guided: 0. Guiding: 3

10. Projects Carried out : Nil

11. Patents : Obtained : Nil Applied : Nil

12 : Technology Transfer :

13. Research Publications :

National Journals : Nil

International Journals ; 03

Conferences :21

14. No of Books Published with details : Nil

FACULTY PROFILE



1. Name and Designation : S.MOHAMED MANSOOR ROOMI and Associate Professor
2. Department : Electronics and Communication Engineering
3. Date of Birth : 07.06.1969
4. Unique id : 1-488277319
5. Education Qualification: M.E. (Power Systems), M.E. (Communication Systems), Ph.D
6. Work Experience :
 - Teaching : 25 years 6 months
 - Research :
 - Industry :
 - Others :
7. Area of Specialization : Image Processing and Analysis
8. Courses Taught at:
 - UG Level : Image Processing, Digital Video Processing,
Data Compression, Basic Electrical Engineering, Machine Vision,
Analog Electronics, RF and IP Lab, Antenna and microwave Lab,
Workshop, Special Elective Lab
 - PG Level : Digital Image Processing, Video surveillance system,
Multimedia Communication systems
9. Research/Project Guidance :
 - Master ; M.E. - 24; M.S. -1
 - Ph.D ; Completed – 5; Submitted Thesis -2; Ongoing-4;
10. Projects Carried out : 6
11. Patents : Obtained : - Applied : -
- 12 : Technology Transfer :
13. Research Publications : 245
 - National Journals : 1
 - International Journals ; 75
 - Conferences : 169
14. No of Books Published with details : -

FACULTY PROFILE

1. Name and Designation : M.N.SURESH and Assistant Professor

2. Department : Electronics and Communication Engineering

3. Date of Birth : 03.05.1975

4. Unique id : 1-481532429



5. Education Qualification: M.E. (Communication Systems), Ph.D

6. Work Experience :

- Teaching : 20 years 6 months
- Research :
- Industry :
- Others :

7. Area of Specialization : Signal Processing

8. Courses Taught at:

UG Level : Signals and Systems, Digital Signal Processing, Wireless communication, Advanced Signal Processing, Speech Processing, Signal Processing Laboratory, Communication Laboratory, System Design Laboratory, Special Elective Lab

PG Level : Baseband Communication Systems, Modern Digital Communication, DSP with FPGA, Modelling and Simulation of Communication Systems, Spread Spectrum systems, CDMA Engineering, Digital Beamforming, Communication Laboratory

9. Research/Project Guidance :

Master ; M.E. - 25; M.S. - 1

Ph.D ; -

10. Projects Carried out : 6

11. Patents : Obtained : - Applied : -

12 : Technology Transfer :

13. Research Publications : 10

National Journals :-

International Journals ; 5

Conferences : 5

14. No of Books Published with details : -

FACULTY PROFILE



1. Name and Designation : K.RAJESWARI, Assistant Professor

2. Department : Electronics and Communication Engineering

3. Date of Birth : 27.05.1973

4. Unique id : 1-488277553

5. Education Qualification: A.M.I.E, M.E., PhD

6. Work Experience :

- Teaching : 21 Years
- Research : 12 Years
- Industry : 4 Years

7. Area of Specialization : Wireless Communication and Biomedical Signal Processing

8. Courses Taught at:

UG Level : Signals and Systems

Digital Signal Processing

Analog and Digital Communication

Wireless Communication

Microcontroller

Programming in C

Microprocessor

PG Level : Space Time Communication

Baseband Communication

Modelling and Simulation of Communication Systems and

Adaptive Signal Processing

9. Research/Project Guidance :

Master ; 13 Projects

Ph.D ; 2 (Ongoing)

10. Projects Carried out :

Online Provisional Recommendation for **AICTE RPS Project** for the year 2017-18 on 'Development and Implementation of Signal Processing Algorithms to Enhance the Subconscious Controllability of Prosthetic Arm using EMG Signal'

11. Patents : - Obtained : - Applied : -

12 : Technology Transfer : Workshop Organized: 8

Workshop Attended: 41

Lecture Delivered: 17

13. Research Publications :

National Journals : 1

International Journals : 4

Conferences : 12

14. No of Books Published with details : -

FACULTY PROFILE



1. Name and Designation: M.Senthilnathan & Assistant Professor
2. Department: Electronics and Communication Engineering
3. Date of Birth: 16-04-1980
4. Unique id: 1-2185929803
5. Education Qualification: B.E in Electronics and Communication Engineering,
S.R.M. Engineering College, Madras.
2002 & Second Class, 60.51 %
M.E in Wireless Technologies
Thiagrajar College of Engineering, Madurai.
2005 & First Class, CGPA: 7.29
6. WorkExperience:
 - Teaching: Thiagarajar College of Engineering, Madurai.
From: 24-06-2013 to: 28.02.2019
5 years and 8 Months

Theni Kammavar Sangam College of Technology,
From 09-06-2011 to 31-05-2013
1 year and 9 Months

Odaiyappa College of Engineering and Technology, Theni
From 21-06-2006 to 21-09-2009
2 year and 8 Months

Total: 10 years 1 Month
 - Research : NIL
 - Industry : NIL
 - Others : NIL
7. Area of Specialization: Embedded Systems & Internet of Things
Technology and Development of Microelectronics
8. Courses Taught at:
 - UG Level: 36 (21 Theory + 15 Laboratories)
 - PG Level: 5 (3 Theory + 2 Laboratories)

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI.

Assistant Professor - 2013 to Present

Postgraduate Level Subjects Taken

1. Antennas for Wireless Applications

Postgraduate Level Laboratory Taken

2. Radio Frequency Laboratory
3. RF Systems Laboratory

Undergraduate Level Subjects Taken

4. Data Compression

5. Multimedia Systems
6. Embedded System
7. Microprocessors
8. Microcontrollers
9. Mixed Signal Circuit and Interfacing
10. Analog and Digital Devices
11. Consumer Electronics
12. Real Time System Design
13. Real Time Operating System

Major UG Laboratories Conducted

14. Analog Electronics Circuits System Design Laboratory
15. Microcontroller Laboratory
16. Microprocessor and Computer Architecture Laboratory
17. Mixed signal Circuits and interfacing Laboratory
18. Microwave and Antenna Laboratory

THENI KAMMAVAR SANGAM COLLEGE OF TECHNOLOGY, THENI.

Assistant Professor - 2011 to 2013

Postgraduate Level Subjects Taken

1. Solid State Device Modeling and Simulation
2. VLSI Technology

Undergraduate Level Subjects Taken

3. Electronics Circuits
4. Antennas and Wave Propagation
5. Mobile and Wireless Communication
6. Wireless Networks
7. Professional Ethics and Human Values

Major UG Laboratories Conducted

8. Electronics Device Laboratory
9. Electronics Circuits Laboratory
10. Engineering Workshop for Electronics

ODAIYAPPA COLLEGE OF ENGINEERING AND TECHNOLOGY, THENI.

Assistant Professor - 2006 to 2009

Undergraduate Level Subjects Taken

1. Electron Device
2. Electronics Circuits
3. Electromagnetic Theory
4. Transmission Lines and Wave Guides
5. Antennas and Wave Propagation
6. Mobile Communication
7. Wireless Networks

Major UG Laboratories Conducted.

8. Radio Frequency Laboratory
9. Microwave and Optical Laboratory

- 10. Electronics Device Laboratory
- 11. Electronics Circuits Laboratory
- 12. Electronics Circuits and Simulation Laboratory
- 13. Electronics Device & Circuits Laboratory

9. Research/Project Guidance :

Master; 5
Ph.D.; NIL

- 10. Projects carried out: NIL
- 11. Patents: Obtained: NIL Applied: NIL
- 12. Technology Transfer: NIL
- 13. Research Publications: NIL
 - National Journals: NIL
 - International Journals: NIL
 - Conferences: NIL

- 14. No of Books Published with details: NIL

FACULTY PROFILE

1. Name and Designation : **Dr. T.ARUNA, Assistant Professor**

2. Department : **Electronics& Communication Engineering**

3. Date of Birth : **07.06.1969**

4. Unique id: **1-488277331**

5. Education Qualification: **P.hD**

6. Work Experience : **20 years 6 months**

Teaching : **20 years 6 months**

- Research : **16 years**
- Industry : -
- Others : -

7. Area of Specialization : **Mobile Ad Hoc Networks**

8. Courses Taught at:

UG Level : **computer Networks, Ad hoc and sensor networks, Cooperative Communication Systems, Telecom systems, Multimedia Systems, Microprocessors, Linear Integrated Circuits, signal processing**

PG Level : **Wireless Communication Networks, High performance Communication Networks, 5G wireless Systems, baseband communication systems**

9. Research/Project Guidance :

Master ; 40

Ph.D ; 6

10. Projects Carried out : -

11. Patents : Obtained : - Applied :-

12 : Technology Transfer :

13. Research Publications :

National Journals : 1

International Journals ; 12

Conferences : 25

14. No of Books Published with details : -

