

Faculty Profile

Department: Electronics and Communication Engineering

1. Name & Designation : Dr .S. Subha Rani
Professor & Head
 2. Date of Birth : 15-11-1961
 3. Educational Qualification: BE(Honors), ME, PhD
 4. Work Experience: Date of Joining : 04.07.1988
Date of Joining the Present post : 02.11.2009
- Teaching - : 30 Years
Research - : --
Industry - : --
Others - : --



5. Area of Specializations : Wireless communication, optimal control
6. Subjects teaching at
Under Graduate Level: Last 3 years

1. Digital communication
2. Wireless communication
3. Statistical Theory of Communication

- Post Graduate Level : 1. Mobile Cellular Communication
2. Wireless Communication
3. RF MEMS

7. Research guidance : 15 Completed : 10 , Ongoing : 5
8. Projects carried out : (AICTE - 5, DST - 2, LSRB & DRDO - 1,
UGC - 1, INTEL & FICE – 1, DARO & DST - 1
9. Patents : Filed
Application No: 5631/CHE/2014 & 07.11.2015
10. Technology Transfer : 1
11. Research Publications :
No. of papers published in
National Journals : 18
International Journals: 57
Conferences : 69
12. No. of Books published with details: --

1. Name & Designation : Dr.K.Gunavathi
Professor

2. Date of Birth : 12.07.1964

3. Educational Qualification: BE, ME, Ph.D

4. Work Experience: Date of Joining : 02.07.1986
Date of Joining the Present post : 09.10.2006

Teaching - : 32 Years
Research - :-
Industry - :-
Others - :-



5. Area of Specializations: VLSI Design, Commun. Systems

6. Subjects teaching at

Under Graduate Level:

- 1) Digital Communication
- 2) Statistical Theory of Communication
- 3) VLSI Design
- 4) Integrated Circuits and Applications

Post Graduate Level :

- 1) Information Theory and Coding
- 2) Wireless communications

7. Research guidance : 10 Candidates Completed
7 Candidates currently

8. Projects Carried out :

1. Principal-Investigator for the AICTE project "Modelling, Synthesis and Development of Application Specific IC using Field Programmable gate arrays for noise source with probability density and amplitude Measurements" in the year 2000-2002..
2. Co-ordinator for the SMDP-II project. (2005-2009)

9. Patents :-

10. Technology Transfer :-

11. Research Publications :

No. of papers published in

National Journals : 40
International Journals : 40
Conferences : 75

12. No. of Books published with details: 9

1. Name & Designation : Dr.P.T.Vanathi
Associate Professor
2. Date of Birth : 24.06.1964
3. Educational Qualification : BE, ME; Ph.D
4. Work Experience: Date of Joining : 17.08.1987
Date of Joining the Present post : 01.06.2006



Teaching - : - 30 Years, 10 months
Research - : -

5. Area of Specializations: VLSI Design, Signal Processing, Wireless Sensor Networks.

6. Subjects teaching at

Under Graduate Level:

1. Digital Communication
2. Statistical Theory of Communication
3. VLSI Design
4. Microprocessors and Microcontrollers
5. Integrated Circuits and Applications
6. Digital Electronics

Post Graduate Level :

1. Digital Communication Techniques
2. Hardware Description Languages
3. System On-Chip
4. Wireless Sensor Networks
5. Spread spectrum systems
6. Wireless communication

7. Research guidance : Completed 13 Ongoing 6

8. Projects Carried out :

1. Co-Investigator for the AICTE project "Modelling, Synthesis and Development of Application Specific IC using Field Programmable gate arrays for noise source with probability density and amplitude Measurements" in the year 2000-2002.(5 lakhs project)
2. Co-Cordinator for the SSS project(1998-2002).(40 lakhs project)
3. Co-Cordinator for the SMDP-II project. (2005-2010) (1 crore project)

9. Patents : -

10. Technology Transfer : -

11. Research Publications :

No. of papers published in

National Journals : 30
International Journals : 55
Conferences : 90

12. No. of Books published with details: -

1.Name & Designation : Dr. V.Krishnaveni
Associate Professor
2.Date of Birth : 06.10.1968



3.Educational Qualification : BE, ME. PhD

4.Work Experience: Date of Joining : 20.01.1997
Date of Joining the Present post : 02.05.2010

Teaching - : 21 Years, 6 Months
Research - : 10 Years
Industry - : -
Others - : -

5.Area of Specializations: Digital Signal Processing

6.Subjects teaching at

Under Graduate Level: Electron Devices
Microprocessors & Microcontrollers
Signals & Systems, Control Systems
Digital Signal Processing
Digital Image Processing

Post Graduate Level : Advanced Digital Signal Processing
Multirate Signal Processing
Adaptive Signal Processing

7. Research guidance : 6 (Completed : 2 , Ongoing : 4)

No. of papers published in

National Journals : 7
International Journals : 31
Conferences : 36

8.Projects Carried out : DST - 2, MODROBS - 1

9.Patents : Nil

10.Technology Transfer : 1

11.Research Publications : 74

12. No. of Books published with details: 1

S.No	Name of the faculty	Co-authors (if any)	Title of the Book	Publisher	Month, Year& Edition	Price
1	Dr.V.Krishnaveni Associate Professor ECE Dept.,PSG CT	Dr.A.Rajeswari Asst.Professor Dept. of ECE CIT, Coimbatore	Signals and systems	Wiley India Pvt Ltd., New Delhi ISBN:978- 81-265- 2289-7	2012 I	550/-

1. Name & Designation : Dr.T.Kesavamurthi
Associate Professor



2. Date of Birth : 07.03.1971

3. Educational Qualification: BE, ME, PhD

4. Work Experience: Date of Joining : 27.07.1995
Date of Joining the Present post : 01.06.2006

Teaching - : 23 Yrs.
Research - : 8 Yrs
Industry - : 3 Yrs

5. Area of Specializations: Computer Networking,
Digital Image Processing,
Advanced Computer Architecture,
Next Generation Networks
Wireless Communication, EMI/EMC

6. Subjects teaching at
Under Graduate Level:

1. Computer Architecture, Networking,
2. Wireless Communication,
3. Bluetooth Technology
4. Wireless Systems and standards

Post Graduate Level :

1. Advanced Communication Networks
2. Baseband Communication
3. Wireless Sensor Network
4. RF Measuring Tools

7. Research guidance : 12 Completed: 4 Ongoing : 8

8. Projects Carried out : (i) Development of Bluetooth Telemedicine
Processor for Biomedical Applications
DRDO-LSRB New Delhi
DST -Wireless EEG Recorder

(ii) Design and development of Indigenous Phased
Array RF Volume Coil for 1.5 Tesla Magnetic
Resonance Imaging – DST project

9. Patents : Filed

10. Technology Transfer : TWO

11. Research Publications :

No. of papers published in
National Journals : 3
International Journals : 8
Conferences : 9

12. No. of Books published with details: Nil

1. Name & Designation : Mrs. S.Radharani
Asst.Professor (Sr.Gr.)

2.Date of Birth : 15-05-1967

3.Educational Qualification: BE, ME

4.Work Experience: Date of Joining : 11.07.1991
Date of Joining the Present post : 01.06.2006



Teaching - : 27 Yrs.
Research - :-
Industry - :-
Others - :-

5.Area of Specializations: Applied Electronics, Communication Engineering

6.Subjects teaching at

Under Graduate Level: Fiber Optic Communication
Microwave & Radar Engineering
Telecommunication Switching systems
Analog Electronics
Electronic measurements

Post Graduate Level :- Microwave circuit Design

7.Research guidance :-

8.Projects Carried out :-

9.Patents :-

10.Technology Transfer :-

11.Research Publications :-

12.No. of Books published with details: -

1. Name & Designation : Dr. J.Ramesh
Asst. Professor (Sr.Gr.)

2. Date of Birth : 18.11.1973

4. Educational Qualification : BE, ME, Ph.D

4. Work Experience: : Date of Joining : 01.11.2000
Date of Joining the Present post: 01.01.2006



Teaching - : 17 Years, 8 Months

Research - :-

Industry - :-

5. Area of Specializations: VLSI Design and Testing
Communication systems

6. Subjects teaching at
Under Graduate Level:

1. FPGA Based System Design
2. Analog Communication
3. Digital Electronics
4. Low power VLSI Design
5. Analog VLSI Circuits
6. Measurements and Instrumentation

Post Graduate Level :

1. Analog VLSI Design
2. Baseband Communication
3. FPGA based Communication system Design
4. Wireless and cellular communication Engg.

7. Research guidance : On going 10 Completed - 1

8. Projects Carried out :-

9. Patents :-

10. Technology Transfer :-

11. Research Publications :

No. of papers published in

National Journals : 1

International Journals : 20

Conferences : 44

12. No. of Books published with details: -

1. Name & Designation : Dr.G.Umamaheswari
Asst.Professor (Sr.Gr.)



2. Date of Birth : 28.07.1968

3. Educational Qualification: BE, ME, PhD

4. Work Experience: : Date of Joining : 20.07.2001
Date of Joining the Present post : 01.03.2008

Teaching - : 28 Years (Previous Experience : 11 Years)

Research - : 12 Years

Industry - : -

Others - : -

5. Area of Specializations: Communication Engineering
Wireless Network Security

6. Subjects teaching at
Under Graduate Level: Transmission lines and Waveguides
Communication Engineering
Microwave and Radar Engineering
Network Security

Post Graduate Level : Wireless Security and wireless Networking

7. Research guidance : 10 Completed : 7 Ongoing 3

8. Projects Carried out : Nil

9. Patents : Nil

10. Technology Transfer : Nil

11. Research Publications :
No. of papers published in
National Journals : 7
International Journals: 18
Conferences :
National : 25
International : 28

12. No. of Books published with details: Nil

1. Name & Designation: Dr. S. Hema Chitra
Asst.Professor



2. Date of Birth : 14-04-1974

3. Educational Qualification: BE, ME. PhD

4. Work Experience: : Date of Joining : 29.07.1998
Date of Joining the Present post : 01.01.2006

Teaching - : 20 Years

Research - :-

Industry - :-

Others - :-

5. Area of Specializations: VLSI Design, System-on-chip, Digital Electronics,
Hardware Software co-design

6. Subjects teaching at

Under Graduate Level: Last four years

i. VLSI Design

ii. ASIC Design

iii. Linear Integrated Circuits

iv. Digital Electronics

v. Communication Engineering

vi. Relational Database Management Systems

vii. Low Power VLSI Design

viii. Measurements and Instrumentation

Post Graduate Level :

i. Low Power VLSI Design

ii. Computer Communication Networks

iii. System – On – Chip

iv. CAD for VLSI Systems

v. Device Modeling

vi. Hardware, Software co-design

vii. Advanced computer Architecture and Parallel
Processing

7. Research guidance :-

8. Projects Carried out : Nil

9. Patents : IPR filed

10. Technology Transfer : Nil

11. Research Publications :

No. of papers published in

National Journals : 3

International Journals : 8

Conferences : 32

12 No. of Books published with details: Nil



1. Name & Designation : Dr. D.Sivaraj
Asst.Professor
 2. Date of Birth : 21.05.1979
 3. Educational Qualification: BE, ME, PhD
 4. Work Experience: Date of Joining : 14.06.2004
Date of Joining the Present post : 01.01.2006

Teaching - : 14 Years
Research - : -
Industry - : -
Others - : -
 5. Area of Specializations: Embedded Systems, IoT,
Digital Signal Processing
 6. Subjects teaching at
Under Graduate Level: Embedded Systems,
DSP System Design
Measurements and Instrumentation
Linear Integrated Circuits
Digital Electronics

Post Graduate Level : Embedded Signal; Processing
Automotive Embedded Systems
 7. Research guidance : Nil
-
1. Projects Carried out : Nil
 2. Patents : 3
 3. Technology Transfer : 1
 4. Research Publications :
No. of papers published in
National Journals : -
International Journals : 4
Conferences : 3
 5. No. of Books published with details: Nil

1.Name & Designation : Dr. L.Thulasimani
Asst.Professor

2.Date of Birth : 03-11-1976

3. Educational Qualification: BE, ME, PhD

4. Work Experience: : Date of Joining : 14.07.2004
Date of Joining the Present post : 01.01.2006



Teaching -: 17 years 1 month (Previous Experience : 3 Years)
Research : 6 years
Industry -:
Others :

5. Area of Specializations: Wireless Communication & Network Security

6. Subjects teaching at

Under Graduate Level:

- 1.Computer Architecture
2. VLSI Design
3. Linear Integrated circuits
4. Computer networks
5. Wireless communication
6. Microprocessors & Microcontroller

Post Graduate Level :

1. Device modeling
2. VLSI for wireless communication,
3. Embedded system
4. Software radio Architecture
5. Wireless Security
6. Space Time Wireless Communication
7. Wireless Communication Systems
8. Wireless Network

7. Research guidance : Ongoing - 1

8.Projects Carried out : Nil

9. Patents : Nil

10.Technology Transfer : Nil

11.Research Publications :

No. of papers published in

National Journals : 0
International Journals : 15
Conferences : 20

12.No. of Books published with details: Nil



1. Name & Designation : Mr.T.Venkatachalam
Asst.Professor
2. Date of Birth : 25.11.1978
3. Educational Qualification: BE, ME.
4. Work Experience: Date of Joining : 11.08.2008
 Date of Joining the Present post : 09.06.2016

Teaching - : 12 Years (Previous Experience : 2 Years)
Research - : 2.5 years
Industry - : -
Others - : -
5. Area of Specializations: Signal Processing, Communications.
6. Subjects teaching at
Under Graduate Level:
 1. Electric Circuits,
 2. Signals & Systems,
 3. Digital Signal Processing,
 4. Control Systems
Post Graduate Level :
 1. Adaptive Signal Processing,
 2. Advanced Digital Signal Processing,
 3. Detection & Estimation
7. Research guidance :-
8. Projects Carried out :-
9. Patents : -
10. Technology Transfer :-
11. Research Publications :
No. of papers published in
National Journals : -
International Journals : -
Conferences : 1
12. No. of Books published with details: -

1. Name & Designation : Dr.S.Mohandass
Asst.Professor

2. Date of Birth : 04.03.1986

3. Educational Qualification: BE, ME, Ph.D

4. Work Experience: Date of Joining : 01.06.2011
Date of Joining the Present post : 10.06.2016

Teaching - : 7 Years 1 months
Research - : -
Industry - : 2 Years 3 months
Others - : -



5. Area of Specializations: Digital Signal Processing and
Wireless Communication

6. Subjects teaching at

Under Graduate Level: (i) Electron Devices
(ii) Digital Electronics
(iii) Wireless Communication
(iv) Analog Electronics
(v) Measurement & Instrumentation
(vi) Analog Communication

Post Graduate Level : Detection and Estimation
Cooperative communication and cognitive Radio
Software Radio Architecture

7. Research guidance : --

8. Projects Carried out : UGC Minor Research project 2014 - 2016

9. Patents : Nil

10. Technology Transfer : Nil

11. Research Publications :
No. of papers published in
National Journals : 1
International Journals : 9
Conferences : 5

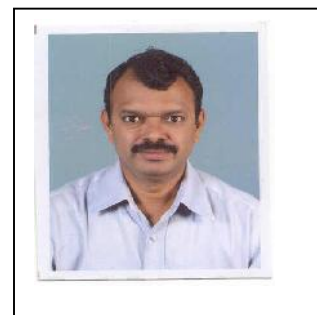
12. No. of Books published with details: Nil

1.Name & Designation : Dr. V.K.Manoharan.
Professor

2.Date of Birth : 10.06.1959

3.Educational Qualification: BE, ME,PhD

4.Work Experience: Date of Joining : 04.07.2005
Date of Joining the Present post : 01.07.2017



Teaching - : 17 Years (Previous Experience: 4 Years)
Research - :
Industry - : 14 years
Others - :

5.Area of Specializations: RF and Microwave engineering

6.Subjects teaching at

Under Graduate Level: EMF (Electromagnetic fields),
Wireless digital communication,
Integrated circuits and its applications
RF Circuit Design, Electron Devices,
Transmission lines & Wave Guides
Antennas & Wave propagation

Post Graduate Level : Microwave circuit design,
Radio Frequency integrated Circuits
RF MEMS,
Polymer Electronics,
Nano Electronics

7.Research guidance : -

8.Projects Carried out : Nil

9.Patents : 1 filed

10.Technology Transfer : Nil

11.Research Publications :
No. of papers published in
National Journals : 2
International Journals : -
Conferences : 7

12.No. of Books published with details: Nil

1. Name & Designation : Dr. P. Kalpana
Professor



2. Date of Birth : 02.06.1971

3. Educational Qualification: BE, ME, PhD

4. Work Experience: Date of Joining : 27.08.1997
Date of Joining the Present post : 01.06.2010

Teaching - : 20 Years, 10 months

Research - :

Industry - : 5 years

Others - :

5. Area of Specializations: VLSI Design and Testing

6. Subjects teaching at

Under Graduate Level: 1. Principles of Electrical Engineering
2. Digital Electronics
3. FPGA based system design

Post Graduate Level : 1. Computer Aided Design of VLSI circuits
2. Testing of VLSI Circuits
3. Designing with CPLD's and FPGA's
4. Digital Design Principles

7. Research guidance : Ongoing : PhD 5
Completed: PhD 1 MS - 1

8. Projects Carried out : Chief Investigator for VLSI SMDP – C2SD
Project, MCIT, Govt of India (2015 – 2020)
Coordinator for VLSI SMDP –Phase II
Project, DeitY , MIT, India (2009 – 2013)
Principal coordinator for a project funded
by DSIR, India

9. Patents :-

10. Technology Transfer :-

11. Research Publications :

No. of papers published in

National Journals : 4

International Journals : 17

Conferences : 46

12.No. of Books published with details: Nil

1. Name & Designation : Dr .P.Visalakshi,
Professor

2. Date of Birth : 18-07-1975

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

4. Work Experience: Date of Joining : 18.06.1999
Date of Joining the Present post : 01.08.2014

Teaching - : 21 Years. (Previous Experience: 2 Years)
Research - : --
Industry - : --

5. Area of Specializations : Evolutionary Computing, Operating Systems,
Computer Networks,
Wireless Networks and Object Oriented Programming

6. Subjects teaching at
Under Graduate Level : Last 4 years

1. Operating Systems
2. Network Theory
3. Computer Networks
4. Wireless sensor Networks

Post Graduate Level :
1. Wireless Networks
2. Optical Networks
3. Long Term Evolution

7. Research guidance : Ongoing = 5 Completed = 6

8. Projects carried out : 1 UGC Project Completed

Design & development of Intelligent secret Image recovery techniques using visual cryptography and heuristic optimization techniques for Healthcare application

9. Patents : --

10. Technology Transfer : --

11. Research Publications :

No. of papers published in
National Journals : 6
International Journals: 32
Conferences : 24

13. No. of Books published with details: --



1. Name & Designation: Dr. C. Lakshmi Deepika
Professor



2. Date of Birth: 15.05.1977

3. Educational Qualification: BE, ME, PhD

4. Work Experience: Date of Joining : 02.12.1998
Date of Joining the Present post : 01.07.2016

Teaching - : 19 years, 7 Months

Research - : 7 years

Industry - : -

Others - : -

5. Area of Specializations: Image Processing, Wireless Communication

6. Subjects teaching at
Under Graduate Level: Signals and Systems; Image Processing,

Post Graduate Level : Wireless Communication Systems,
Space Time Wireless Communication

7. Research guidance : Ongoing = 4

8. Projects Carried out : 4 (AICTE – 1, DST – 3)

9. Patents : -

10. Technology Transfer : 1

11. Research Publications : 10

No. of papers published in

National Journals : 3

International Journals : 5

Conferences : 2

12. No. of Books published with details: -



1. Name & Designation : Dr. S.Allin Christe
Associate Professor
2. Date of Birth : 07.04.1971
3. Educational Qualification : BE, ME, PhD
4. Work Experience: Date of Joining : 17.06.2004
Date of Joining the Present post : 01.06.2013

Teaching : 24 Years (Previous Experience: 10 Years)
Research : 11 Years
Industry :
Others :

5. Area of Specializations : Digital Image processing, Soft computing
6. Subjects teaching at
Under Graduate Level: Computer Networks,
Soft computing,
Computer architecture
Network theory,
Communication Switching systems
Digital Electronics
Microprocessors & Microcontrollers,
Multimedia compression
Digital Image processing
Network Security

Post Graduate Level : Data compression
Digital Image processing
High speed networks
Wireless Networks
Wavelet & subband coding
Evolutionary Computation
7. Research guidance : Ongoing = 1 (FT)
8. Projects Carried out : Consultancy - Yantra Vision, Bangalore
9. Patents : Nil
10. Technology Transfer : Nil
11. Research Publications :
No. of papers published in
National Journals : 3
International Journals : 6
Conferences : 22
12. No. of Books published with details: Nil

1. Name & Designation : Dr.M.Santhalakshmi
Associate Professor
2. Date of Birth : 5.12.1976
3. Educational Qualification: BE, ME. PhD
4. Work Experience: Date of Joining : 17.06.2005
Date of Joining the Present post : 01.08.2014



Teaching - : 16 years (Previous Experience : 3 Years)
Research - : 9
Industry - : 1
Others - :

5. Area of Specializations: Mixed VLSI Signal Design

6. Subjects teaching at
Under Graduate Level:

1. Electron Devices
2. Analog Electronics
3. VLSI Design
4. Linear Integrated Circuits

Post Graduate Level :

1. Device modeling
2. VLSI Technology
3. CAD for VLSI
4. Mixed signal VLSI Design
5. Analog VLSI Circuits
6. Hardware Design Verification Techniques

7. Research guidance : Ongoing = 3

8. Projects Carried out : Nil

9. Patents : Nil

10. Technology Transfer : Nil

11. Research Publications :
No. of papers published in
National Journals : 5
International Journals : 7
Conferences : 15

12. No. of Books published with details: Nil

1. Name & Designation : Dr. K. Rajalakshmi
Associate Professor
2. Date of Birth : 19.11.1972
3. Educational Qualification : BE, ME, Ph.D.
4. Work Experience Date of Joining: 02.10.2006
Date of Joining the Present post:: 01.08.2014



Teaching – 21 Years (Previous Experience : 9 Years)
Research
Industry
Others

5. Area of Specializations : VLSI Signal Processing
6. Subjects teaching at
Under Graduate Level : Control system, Network theory,
VLSI Design,
Post Graduate Level : Nano Electronics, VLSI Signal
Processing, VLSI Sub System Design.
Low Power VLSI Design
7. Research guidance : PhD - 1
8. Projects carried out : (SMDP II)
9. Patents : Nil
10. Technology Transfer : Nil
11. Research Publications :
No. of papers published in
National Journals : 1
International Journals : 6
Conferences : 11
12. No. of Books published with details : Nil

1. Name & Designation : Dr. G. Srivatsun
Associate Professor

2 Date of Birth : 8.3.1980

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



.4.Work Experience:

Date of Joining : 01.11.2006
Date of Joining the Present post: 01.08.2014

Teaching : 11 years 8 Months
Research : 7 Years
Industry
Others

5.Area of Specializations : Wireless Technologies

6.Subjects teaching at

Under Graduate Level :

1. Antennas and Wave Propagation
2. RF Circuit Design
3. Digital Electronics
4. Satellite Communication
5. Communication engineering
6. Analog and digital Communication
7. Principles of Communication Engg.

Post Graduate Level

1. RF Wireless systems and Standards
2. RF Circuit Design
3. RF Passive Circuit Design
4. Advanced Radiating Systems
5. Radiating Systems
6. RF Active circuit Design

7.Research guidance : Ongoing - 8

8.Projects Carried out : A Low Cost Compact Multiband Antennas for Wireless Applications

9. Patents :

10. Technology Transfer :

11. Research Publications :

No. of papers published in

National Journals : --

International Journals : 11

Conferences : 15

12. No. of Books published with details : Nil

1. Name & Designation : Dr. A. Kannammal
Associate Professor

2. Date of Birth : 08-02-1981

3. Educational Qualification: BE, ME, PhD

4. Work Experience:

Date of Joining : 01.06.2007

Date of Joining the Present post : 01.06.2017



Teaching : 12 Years (Pervious Experience, : 1 Year)

Research : --

Industry : --

Others : --

5. Area of Specializations : Digital Image Processing

6. Subjects teaching at

Under Graduate Level:

1. RF circuit Design
2. Telecommunication switching systems
3. Analog and Digital Communication
4. Digital Image Processing
5. Digital Signal Processing
6. Communication Switching Techniques
7. Microwave Engineering
8. Network Security

Post Graduate Level : 1. RF Circuit Design
2. RF passive circuit Design
3. Data compression

7. Research guidance : 2 (Ongoing)

8. Projects Carried out : AICTE - (RPS) = 1

9. Patents : --

10. Technology Transfer : --

11. Research Publications : --

No. of papers published in

National Journals : 01

International Journals: 09

Conferences : --

National : 01

International : 08

12. No. of Books published with details : --

1.Name & Designation : Dr. C.Ramya
Associate Professor
2.Date of Birth : 05.11.1980



3.Educational Qualification: BE, ME, PhD

4.Work Experience: Date of Joining : 02.06.2008
Date of Joining the Present post : 01.06.2017

Teaching - : 12 years (Previous Experience : 2 Yers)
Research - :
Industry - :

5.Area of Specializations: Image processing and video processing

6.Subjects teaching at

Under Graduate Level:

1. Satellite communication
2. Analog and Digital communication
3. Antennas and wave propagations
4. Telecommunication switching circuits
5. Network Security
6. Digital image processing
7. Digital signal processing
8. Measurements and Instrumentation
9. Linear Integrated Circuits
10. Communication Switching Networks

Post Graduate Level :

1. Wavelets and subband coding
2. Real time Embedded systems,
3. Microcontrollers and applications
4. Adaptive signal Processing
5. Data Compression
6. Computer Architecture & Parallel Processing

7.Research guidance : Ongoing (FT) = 1 (PT) = 1

8.Projects Carried out : AICTE – RPS = 1

9.Patents : Nil

10.Technology Transfer : Nil

11.Research Publications :

No. of papers published in

National Journals : 1

International Journals : 10

Conferences : 15

12.No. of Books published with details: Nil



1. Name & Designation : Dr. P. Saravanan
Associate Professor
2. Date of Birth : 08.06.80
3. Educational Qualification : BE, ME, PhD
4. Work Experience : Date of Joining : 01.06.2009
Date of Joining the Present post : 01.06.2017
 - Teaching : 9 Years
 - Research : 8 Years
 - Industry : 4 Years 8 months
 - Others : 2 Months Internship in IDRBT, Hyderabad
5. Area of Specializations : VLSI Design, Verification & Testing, Hardware Security and Multi-scale Modeling Nanoelectronic Devices
6. Subjects teaching at
 - Under Graduate Level :
 1. ASIC Design
 2. VLSI Design
 3. FPGA Based System Design
 4. Network Security
 5. Digital Electronics
 6. Computer Architecture
 7. Microprocessor & Microcontroller
 - Post Graduate Level :
 1. Hardware Security
 2. Designing with FPGAs
 3. Hardware verification techniques
 4. System on chip Design
 5. Device Modelling
 6. Low power VLSI Design
 7. Semiconductor memory Design and Testing
7. Research guidance : 1 (Full time – ongoing)
8. Projects Carried out : ICMR Sponsored National Level Seminar on Research Perspectives in FPGA based Medical Electronic Devices for Healthcare Applications
9. Patents : Nil
10. Technology Transfer : Nil
11. Research Publications :
 - No. of papers published in National Journals : 2
 - International Journals : 11
 - Conferences : 15
12. No. of Books published with details : Nil

1. Name & Designation : Dr. R.Venkateswari
Associate Professor



2. Date of Birth : 21.07.82

3. Educational Qualification : BE, ME, PhD

4. Work Experience Date of Joining : 19.11.2008
Date of Joining the Present post : 01.06.2017

Teaching : 11 Years , 7 months (Previous Experience : 2 Years)

Research : --

Industry : 6 Months

Others : Nil

5. Area of Specializations : Wireless Communication Networks

6. Subjects teaching at
Under Graduate Level : Network Security, Computer Networks,
Wireless Communication, Statistical Theory of Commn.
Post Graduate Level : Wireless Networking and Sensor Networks

7. Research guidance : 2 (Full time -1) (Part time -1)

8. Projects Carried out : UGC - 1

9. Patents : Nil

10. Technology Transfer : Nil

11. Research Publications :

No. of papers published in : 38

National Journals : 4

International Journals : 11

Conferences : 23

12. No. of Books published with details : Nil

1. Name & Designation : Dr. Amitava Bhattacharyya



Associate Professor

2. Date of Birth : 19.12.1976
3. Educational Qualification: BTECH, MTECH, PhD
4. Work Experience: Date of Joining : 01.07.2017
Date of Joining the Present post : 01.07.2017
Teaching - : 6 years (Previous Experience: 5 years)
Research - : 3 years 5 months
Industry - : 3 years 4 months
Others - :-
5. Area of Specializations: Polymer Nanocomposites, Biomedical Devices,
Tissue Engineering
6. Subjects teaching at
Under Graduate Level: NIL

Post Graduate Level : Smart Textiles, Nanotechnology in textiles
7. Research guidance :- Phd Ongoing : 1
8. Projects Carried out : 5
9. Patents : 1
10. Technology Transfer : Nil
11. Research Publications : 34
No. of papers published in
National Journals : -
International Journals : 34
Conferences : 21
12. No. of Books published with details: 1
(Hybrid Nanographite based Polymeric Nanocomposites, Amitava Bhattacharyya,
LAP LAMBERT Academic Publishing, Germany, 2012, ISBN-13:978-3-659-13579-8)

1. Name & Designation : Mrs.A. Uma
Asst.Professor(Sl.Gr.)
2. Date of Birth : 09.11.1981
3. Educational Qualification : BE, ME, (PhD)
4. Work Experience Date of Joining : 17.06.2005
Date of Joining the Present post : 01.07.2015



Teaching : 13 Years
Research
Industry
Others

5. Area of Specializations : VLSI DESIGN
6. Subjects teaching at Under Graduate Level :
1. Computer Networks,
 2. Telecommunications switching system,
 3. Electric circuits
 4. VLSI Design
 5. Digital Electronics

- Post Graduate Level :
1. VLSI sub system Design,
 2. VLSI Signal processing,
 3. VLSI Technology,
 4. Mixed signal processing
 5. Digital Design Principles
 6. Testing and Testability

7. Research guidance : ----
8. Projects Carried out : Nil
9. Patents : Nil
10. Technology Transfer : Nil
11. Research Publications :

No. of papers published in
National Journals : 2
International Journals :
Conferences - : 16

12. No. of Books published with details : Nil

1. Name & Designation : Dr.K. Vasanthamani
Asst.professor (Sl.Gr.)

2. Date of Birth : 28-01-1969

3. Educational Qualification: B.E, M.E, PhD

4. Work Experience:

Date of Joining : 23.07.2010
Date of Joining the Present post : 01.08.2015

Teaching - : 8 Years
Research - : --
Industry - : 17
Others - : --

5. Area of Specializations : Microprocessor and Microcontroller
Embedded and Real-Time systems

6. Subjects teaching at

Under Graduate Level :

- i. Embedded Systems
- ii. Basics of Electrical and Electronics Engineering
- iii. Microprocessor and its applications
- iv. Principles of Electrical Engg.
- v. Network Theory
- vi. Operating systems

Post Graduate Level :

- i. Embedded System
- ii. Software project management
- iii. Software Testing and Quality Assurance

7. Research guidance : --

8. Projects carried out : --

9. Patents : --

10. Technology Transfer : --

11. Research Publications :

No. of papers published in
National Journals : 3
International Journals : 4
Conferences : 1

12. No. of Books published with details: --



1. Name & Designation : Mr.M.Alagappan
Asst.Professor (Sl.Gr.)
2. Date of Birth : 27.10.1974
3. Educational Qualification: M.Phil., M.Tech., (PhD)



4. Work Experience: Date of Joining : 01.06.2009
Date of Joining the Present post : 01.06.2015
Teaching - : 17 years, 1 month (Previous Experience : 8 Years)
Research - : 2 years & 10 months (Project Scientist)
Industry - : 3 months

5. Area of Specializations: Embedded Systems, MEMS/Nanosensors

6. Subjects teaching at
Under Graduate Level: Microcontrollers
Embedded Systems

Post Graduate Level : Micro and Nano Electro Mechanical
Systems
Nanosensors and Devices
Nanocomputing
Nanoelectronics
Biomaterials and Tissue Engineering

7. Research guidance : MPhil - 1

8. Projects Carried out : Consultancy Projects – 4
Funded Project – On going = 1, Completed = 1
Testing Work - 5

9. Patents : Applied - 1

10. Technology Transfer : 1

11. Research Publications : 40 (28+ 12)

No. of papers published in
National Journals : 4
International Journals : 8
Conferences : 28

12. No. of Books published with details:

Editor – Proceedings of 3rd National Conference on “Micro and Nanotechnologies” held at PSG College of Technology on 10.4.2013.

One chapter contributed in the book titled “Linear Integrated circuits and its Applications” published by Texas Instruments.



- 1.Name & Designation : Dr.S.Sivakumar
Assistant Professor (Sl.Gr.)
- 2.Date of Birth : 08-10-1977
- 3.Educational Qualification: BE(ECE), ME, PhD
- 4.Work Experience: Date of Joining : 01.06.2007
Date of Joining the Present post : 01.06.2015
- Teaching - : 15 Years 6 months (Previous Experience: 4.5 Years)
Research - : --
Industry - : 1 yr
Others - : --
- 5.Area of Specializations : Digital Signal Processing , Wireless Sensor
Networks, IoT & Mobile Communication
- 6.Subjects teaching at
Under Graduate Level: Last 3 years
1. Digital Signal Processing
 2. Digital Logic Design
 3. Analog & Digital Communication
 4. Measurements & Instrumentation
- Post Graduate Level : 1. Advanced Digital Signal Processing
2. Wireless Security
3. Information Coding Techniques
- 7.Research guidance : NIL
8. Projects carried out : NIL
9. Patents : NIL
- 10.Technology Transfer : NIL
- 11.Research Publications :
- No. of papers published in
- National Journals : 2
International Journals: 11
Conferences : 22
12. No. of Books published with details: NIL

1. Name & Designation : Mr. K.R.Radhakrishnan
Asst.professor (Sr.Gr.)

2.Date of Birth : 20.06.1980

3.Educational Qualification: BE, ME(Ph.D)

4.Work Experience:

Date of Joining : 14.10.2010
Date of Joining the Present post : 01.07.2015

Teaching - : 7 Years, 8 months
Research - : -
Industry - : 6 Years
Others - : -



5.Area of Specializations: VLSI Design

6.Subjects teaching at

Under Graduate Level: (i) ASIC Design
(ii) VLSI Design
(iii) Microprocessors and Microcontrollers
(iv) Linear Integrated Circuits

Post Graduate Level : (i) Low Power VLSI Design
(ii) Digital IC Design
(iii) Embedded System Design
(iv) Advanced Processor Architecture
(v) VLSI Testing and Testability
(vi) High speed Digital Design

7.Research guidance : -

8.Projects Carried out : Nil

9.Patents : Nil

10.Technology Transfer : Nil

11.Research Publications :

No. of papers published in
National Journals :
International Journals: 3
Conferences : 13

12.No. of Books published with details: Nil

1. Name & Designation : Dr.K.Thiyagarajan
Asst.Professor (Sr.Gr.)
2. Date of Birth : 07.06.1984
3. Educational Qualification: BE, ME, PhD
4. Work Experience: Date of Joining : 01.06.2011
Date of Joining the Present post : 01.06.2015



Teaching - : 10 Years 7 Months (Previous Experience: 3.5 Years)
Research - :-
Industry - :-
Others - :-

5. Area of Specializations: RF Circuit Design, Wireless communications
Digital image Processing

6. Subjects teaching at
Under Graduate Level: Wireless communication,
Antennas and wave Propagations
Transmission lines and Waveguides

Post Graduate Level : Multiuser detection
Radiating systems

7. Research guidance :- Phd Ongoing : 3

8. Projects Carried out : --

9. Patents : Nil

10. Technology Transfer : Nil

11. Research Publications : 13

No. of papers published in
National Journals : 1
International Journals : 10
Conferences : 2

12. No. of Books published with details: Nil



1. Name & Designation : Mr.S.Rakesh Sharma
Asst.professor (Sr.Gr.)
2. Date of Birth : 14.05.1984
3. Educational Qualification: BE, ME. (PhD)
4. Work Experience: Date of Joining : 01.06.2011
 Date of Joining the Present post : 01.06.2015

Teaching - : 7 years 1 month
Research - :
Industry - : 3 years 10 months
Others - :

5. Area of Specializations: Signal Processing, Wireless Communication.
6. Subjects teaching at
Under Graduate Level: Digital Circuits,
 Cellular mobile Communication,
 Satellite Communication Systems.
 Bluetooth Communication Engineering
 Linear Integrated Circuits
 Signals & Systems

Post Graduate Level: Advanced wireless Communication
 Space time wireless Communication
7. Research guidance :-
8. Projects Carried out :-
9. Patents : -
10. Technology Transfer :-
11. Research Publications : -
 No. of papers published in
 National Journals : --
 International Journals : 1
 Conferences : 1
12. No. of Books published with details: -

1. Name & Designation : Mrs.P.Prabavathi
Asst.Professor (Sr.Gr.)
2. Date of Birth : 29.05.84
3. Educational Qualification : BE, ME, (PhD)
4. Work Experience : Date of Joining: 01.06.2009
Date of Joining the Present post : 01.09.2010



Teaching : 10 Years 1 month (Previous Experience : 1 year)
Research : Nil
Industry : Nil
Others : Nil

5. Area of Specializations : RF & Microwave circuit design, Antenna design, MEMS

6. Subjects teaching at Under Graduate Level :
1. Electromagnetic Fields
 2. Communication Engineering
 3. Basics of Digital Electronics
 4. Digital Communication Systems
 5. Statistical Theory of Communication
 6. Transmission lines & waveguides
 7. Analog & Digital Communication

Post Graduate Level : Microwave circuit Design

7. Research guidance : Nil
8. Projects Carried out : Nil
9. Patents : Nil
10. Technology Transfer : Nil

11. Research Publications

No. of papers published in
National Journals : Nil
International Journals : Nil
Conferences : 2

12. No. of Books published with details : Nil

1. Name & Designation : Mrs.K.Chandra Devi
Asst.Professor (Sr.Gr.)

2. Date of Birth : 27-06-1986



3. Educational Qualification: B.Tech, M.Tech, (Ph.D)

4. Work Experience: Date of Joining : 04.09.2010
Date of Joining the Present post : 01.08.2016

Teaching - : 7 Years, 10 months
Research - : --
Industry - : --

5. Area of Specializations : Medical Nanotechnology, Drug Delivery
System, Micro Fluidics

6. Subjects teaching at
Under Graduate Level : Biosensors and Transducers

Post Graduate Level :

Fundamentals of Nanoscience & Technology
Synthesis and Characterization of Nanomaterials
Nanosensors and Devices, Nanobiotechnology,
Smart Textiles, Synthesis of Nanomaterials
Characterization of Nanomaterials
Nanostructures in Medicine, Nanotoxicology

7. Research guidance : Nil
8. Projects carried out : Nil
9. Patents : Nil
10. Technology Transfer : Nil

11. Research Publications :
No. of papers published in
National Journals : 2
International Journals: ---
Conferences : 20

12.No. of Books published with details: Nil

1.Name & Designation : Mr. N. Saritakumar
Assistant Professor (Sr.Gr.)

2. Date of Birth : 23-06-1981

3.Educational Qualification: B.E, M.E

4.Work Experience:

Date of Joining : 01.06.2016

Date of Joining the Present post: 01.06.2017

Teaching - : 4 Years, 2 months (Previous Experience: 2 Years)

Research - : --

Industry - : 9 Years and 5 Months

Others - : --



5.Area of Specializations : Networking (Switching/Routing Protocols)

6.Subjects teaching at

Under Graduate Level: Last 3 years

1. Broadband Networks
2. Measurements and Instrumentation
3. Circuits and Devices Laboratory
4. Computer Networks

Post Graduate Level:

1. Space Time Wireless Communication
2. Communication Networks

7.Research guidance : Nil

8.Projects carried out : - -

9. Patents : --

10.Technology Transfer : --

11.Research Publications :

No. of papers published in

National Journals : Nil

International Journals: 1

Conferences : 4

12.No. of Books published with details: Nil

1.Name & Designation :Ms. C.Sathyashree Sowbarnica
Asst.Professor

2. Date of Birth : 11.10.1989

3. Educational Qualification: BE, ME

4. Work Experience: Date of Joining : 12.06.2015
Date of Joining the Present post: 12.06.2015



Teaching : 3 Years, 1 Month
Research : --
Industry : --
Others : --

5. Area of Specializations : VLSI Design

6. Subjects teaching at
Under Graduate Level:

1. Environmental Science and Engineering

Post Graduate Level :

1. FPGA Based Wireless system Design
2. High speed Digital Design
3. Low power VLSI Design

7. Research guidance : ---

8. Projects Carried out : --

9. Patents : --

10. Technology Transfer : --

11. Research Publications : --

No. of papers published in

National Journals : --

International Journals: --

Conferences : --

National : 01

International : --

12. No. of Books published with details : --

1. Name & Designation : Dr.M.Ramya
Assistant Professor

2. Date of Birth : 23-04-1984

3. Educational Qualification: B.Tech.,M.B.A,M.Tech,Ph.D

4. Work Experience:

Date of Joining : 01.06.2017

Date of Joining the Present post : 01.06.2017

Teaching - : 1 Year 1 month

Research - : 3 years 10 months

Industry - : -

Others - : --

5. Area of Specializations : Nanomaterials, Biomaterials, Amorphous Alloys

6. Subjects teaching at

Under Graduate Level: Last 3 years

5. Nanoelectronics

6. Protein Engineering

Post Graduate Level : 1.Fundamentals of Nanoscience

2.Nanobiotechnology

3.Nanosensors and Devices

7. Research guidance : NIL

8. Projects carried out : NIL

9. Patents : NIL

10. Technology Transfer : NIL

11. Research Publications :

No. of papers published in

National Journals : Nil

International Journals: 5

Conferences : 5 International, 9 National

12. No. of Books published with details: NIL



1. Name & Designation : Dr. D. Gnanaprakash
Asst. Professor



2. Date of Birth : 29.05.1986

3. Educational Qualification : BE, MTech, PhD

4. Work Experience: Date of Joining : 01.07.2017
Date of Joining the Present post : 01.07.2017

Teaching : 1 Year, 6 months (Previous experience: 6 months)

Research : 1 Year

Industry : 1 Year, 2 months

Others :

5. Areas of Specialization : Plasmonic sensing, harsh environment sensing, nanolithography

6. Subjects teaching at Under Graduate Level :

Post Graduate Level : Nanolithography

7. Research guidance :

8. Projects carried out : "Investigation of metal-metal oxide nanoparticle composite arrays for ambient temperature detection of Carbon Monoxide".

9. Patents : Nil

10. Technology Transfer : Nil

11. Research Publications : 8

No. of papers published in

National Journals :

International Journals : 6

Conferences : 2

12. No. of Books published with details: 1 book chapter

Survey of Optical Gas Sensors for Harsh Environments, Advances in Sensors: Reviews, Vol. 5, IFSA publishing.

1. Name & Designation : Mr.M.Swathi Priya
Assistant Professor

2. Date of Birth : 25-07-1989

3. Educational Qualification: BE(ECE), ME (VLSI DESIGN)

4. Work Experience: Date of Joining : 07.03.2016
Date of Joining the Present post : 07.03.2016



Teaching - : 2 years
Research - : --
Industry - : 4 years
Others - : --

5. Area of Specializations : VLSI design

6. Subjects teaching at

Under Graduate Level: Last 3 years
8. Computer Architecture

Post Graduate Level : 1. Hardware Verification Techniques
9. Hardware security

7. Research guidance : NIL

8. Projects carried out : NIL

9. Patents : NIL

10. Technology Transfer : NIL

11. Research Publications :

No. of papers published in
National Journals : -
International Journals: 1
Conferences : 2

12. No. of Books published with details: NIL

