

FACULTY PROFILE



1. Name and Designation: Sheik Masthan S.A.R, Assistant Professor

2. Department: Mechatronics Engineering

3. Date of Birth: 11 Jan, 1985

4. Unique id: 16003005

5. Education Qualification: M.E

6. Work Experience:

- Teaching: June 2016 – Till Date (2 yrs. 6 months), Assistant Professor, Thiagarajar College of Engineering, Madurai
- Research: Nil
- Industry: August 2006 – May 2016 (9 yrs. 9 months), Principal Engineer, Jasmin Infotech Pvt. Ltd., Chennai.
- Others: Nil

7. Area of Specialization: Embedded Systems, Soft Computing

8. Courses Taught at:

UG Level: Microcontrollers, Digital Signal Processing, Machine Vision System, Virtual Instrumentation, Engineering Design, Engineering Exploration, Lateral Thinking

PG Level: RealTimeEmbeddedSystem, Soft Computing

9. Research/Project Guidance:

Master: 1

Ph.D: Nil

10. Projects Carried out: Nil

11. Patents: Obtained: Nil Applied: Nil

12. Technology Transfer: Nil

13. Research Publications:

National Journals: Nil

International Journals: 1

Conferences: Nil

14. No of Books Published with details: Nil

FACULTY PROFILE



1. Name and Designation : PRAVEEN KUMAR B Assistant Professor

2. Department : Mechatronics

3. Date of Birth : 03/07/1992

4. Unique id : 16003003

5. Education Qualification: M.E

6. Work Experience : 3.5 years

- Teaching : 2.5 years
- Research :
- Industry : 1 year
- Others :

7. Area of Specialization : Embedded System, IoT

8. Courses Taught at:

UG Level : Analog and Digital Circuits Design, Drives and Control, Analog Electronics, Project Management

PG Level : Internet of Things, MEMS

9. Research/Project Guidance :

Master ; -

Ph.D ; -

10. Projects Carried out : -

11. Patents : Obtained : Applied :

12 : Technology Transfer :

13. Research Publications :

National Journals :

International Journals ;

Conferences :

14. No of Books Published with details :

FACULTY PROFILE

1. Name and Designation : Dr.M.Palanimatha Raja Professor

2. Department : Mechatronics

3. Date of Birth :09/05/1970

4. Unique id :97003002

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

6.Work Experience : 25 Years

- Teaching : 23 years
- Research : 20
- Industry : 2 years
- Others : 3

7.Area of Specialization : Quality Engineering, Materials

8.Courses Taught at:

UG Level : Design of Machine elements, TQM

PG Level : Value Engineering

9.Research/Project Guidance :

Master : 25

Ph.D ; -

10. Projects Carried out : - DRDO: 01, AICTE:02,

11. Patents :Obtained : - Applied : -

12 : Technology Transfer : To CVRDE

13. Research Publications :

National Journals : 02

International Journals ; 06

Conferences : 21

14. No of Books Published with details : 02



FACULTY PROFILE

1. Name and Designation : S.JULIUS FUSIC Assistant Professor

2. Department : Mechatronics Engineering

3. Date of Birth : 11.04.1988

4. Unique id : 14003002

5. Education Qualification: ME-Power electronics & drives

6. Work Experience :

- Teaching : ~4.8 years
- Research :
- Industry : 1.8years
- Others :

7. Area of Specialization : Power electronics & drives

8. Courses Taught at:

UG Level : Electrical machines, Power electronics, Metrology & measurement, Fluid power automation, Mechatronics system design, Sensors and PLC, Mechatronics

PG Level : Sensors in Automation, Virtual Instrumentation, Autonomous mobile robots

9. Research/Project Guidance :

Master ; 05 members

Ph.D ; -----

10. Projects Carried out : 10 projects (UG and PG)

11. Patents : Obtained : -- Applied : 01

12 : Technology Transfer : Mentor for FDP 101x and 201x in IITB

13. Research Publications :

National Journals : 02

International Journals ; -

Conferences : 06

14. No of Books Published with details : 01 (Book chapter)



FACULTY PROFILE

1. Name and Designation : A.PRAKASH & Assistant Professor

2. Department : Mechatronics

3. Date of Birth : 16/05/1989

4. Unique id : 16 003 004

5. Education Qualification: M.E Mechatronics

6. Work Experience : 5 Years 7 Months

- Teaching : 5 Years 7 Months
- Research : ---
- Industry :---
- Others : ---

7. Area of Specialization : Process control , Industrial Automation

8. Courses Taught at:

UG Level : Industrial Automation , Industrial Communication Networks , Automotive Electronics

PG Level : Digital Control Systems , Mechatronics System Design , Micro Electro Mechanical System

9. Research/Project Guidance :

Master ; ---

Ph.D ; ---

10. Projects Carried out : ---

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

12 : Technology Transfer : --

13. Research Publications :

National Journals : ----

International Journals ; ---

Conferences : 01

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



FACULTY PROFILE



1. Name and Designation : H RAMESH,APMCT

2. Department : Mechatronics Engineering

3. Date of Birth : 29.11.1975

4. Unique id : 15 003 002

5. Education Qualification:M.E,(phd)

6.Work Experience :

- Teaching :12 years
- Research :
- Industry :9 years
- Others :

7.Area of Specialization : Industrial Automation, Motion control, Electrical Drives

8.Courses Taught at:

UG Level : Power Electronics and Drives, Sensors and PLC, Analog and Digital circuit Design, Fluid Power Automation, Industrial Robotics.

PG Level : CNC Technology

9.Research/Project Guidance :

Master ; 3

Ph.D ;Nil

10. Projects Carried out :Nil

11. Patents : Obtained : Nil Applied :Nil

12 : Technology Transfer :Nil

13. Research Publications :

National Journals :

International Journals ;1

Conferences :3

14. No of Books Published with details :Nil

FACULTY PROFILE

1. Name and Designation: L.R.Karlmarx and Associate Professor

2. Department: Mechatronics Engineering

3. Date of Birth: 05-05-1967

4. Unique id: 1-488277513

5. Education Qualification: R.E. M.E. PhD

6. WorkExperience:

- Teaching : 25 years and 4 months
- Research : NIL
- Industry : NIL

7. Area of Specialization: Embedded system, smart structure control and IoT.

8. Courses Taught at:

UG Level: Microprocessor, Digital System, Digital system Design, Embedded System,

Micro controller, advanced microprocessor, Sensors and actuators,

Microprocessor lab, Digital System lab, Digital system Design

PG Level: Embedded system, Micro controller and its applications, Sensor and actuators

9. Research/Project Guidance:

Master; 30

Ph.D.; 02

10. Projects carried out: Three

11. Patents: Obtained: Nil Applied: Nil

12: Technology Transfer: Nil

13. Research Publications:

National Journals: NIL

International Journals; 23

Conferences: 14

14. No of Books Published with details: Nil



FACULTY PROFILE

1. Name and Designation : Ganesh M.A and Assistant Professor

2. Department : Mechatronics Engineering

3. Date of Birth: 03-03-1992

4. Unique id :15003006

5. Education Qualification:Phd (ongoing)

6. WorkExperience:

- Teaching : 03 years and 10 months
- Research : 04 months
- Industry :
- Others :

7. Area of Specialization: Mobile Robotics, Mechatronics System Design

8. Courses Taught at:

UG Level: Industrial Robotics, Mechatronic System Design, Control Systems, Fluid Power Automation, Manufacturing Process, Automotive Mechatronics, Mobile Robotics.

PG Level: Robotics Concepts and Analysis, Automotive Electronics,

9. Research/Project Guidance:

Master; 03

Ph.D.; Nil

10. Projects carriedout: Nil

11. Patents:Obtained:NilApplied: Nil

12: Technology Transfer: Nil

13. Research Publications:

National Journals:Nil

International Journals; 02

Conferences: Nil

14. No of Books Published with details: Nil



FACULTY PROFILE



Name and Designation : G KANAGARAJ

Department : Mechatronics

Date of Birth : 24-05-1971

4. Unique id : 00 003 003

Education Qualification : PhD 6. Work Experience :

Teaching : 23 years

Research : 2 years

Industry : 1.5 years

Area of Specialization : Reliability optimization, modeling and analysis of Manufacturing systems, Evolutionary computation

Courses Taught at:

UG Level : Free body mechanics, Kinematics and dynamics of Machinery

PG Level : Principles of mechanical systems 9. Research/Project Guidance :

Master ; 02

Ph.D ; 03

Projects Carried out : 01

Patents : NIL Obtained : NIL Applied : NIL 12 : Technology Transfer :

Research Publications :

National Journals : 02

International Journals ; 18

Conferences : 10

No of Books Published with details : 01

FACULTY PROFILE

1. Name and Designation: S. Parthasarathi / Assistant Professor

2. Department: Mechatronics Engineering

3. Date of Birth : 16/10/1988

4. Unique id: 14005015

5. Education Qualification: M.E. Embedded System Design

6. Work Experience:

- Teaching: 5.8 years
- Research:
- Industry:
- Others: 1 years

7. Area of Specialization: Embedded systems, Internet of Things, Machine Learning

8. Courses Taught at:

UG Level: analog and digital devices, analog and digital circuit design, Verilog, Internet of Things, Artificial Intelligence, sensors and PLC, Consumer Electronics, Data Analytics, Microcontrollers.

PG Level: Embedded systems, Real time Embedded Systems,

9. Research/Project Guidance:

Master; 06

Ph. D;

10. Projects Carried out: 13 (UG and PG)

11. Patents: Obtained:- Applied: -

12. Technology Transfer:

13. Research Publications:

National Journals: 04

International Journals; -

Conferences: -

14. No of Books Published with details:



FACULTY PROFILE



1. Name and Designation :M.Manimegalan, APMCT

2. Department : Mechatronics Engineering

3. Date of Birth: 21/01/1992

4. Unique id :16003001

5. Education Qualification: M.E Mechatronics

6. Work Experience :

- Teaching :June 2016 – Till date (2 years 10 months), Assistant Professor, Thiagarajar College of Engineering, Madurai.
- Research :June 2017 – Till data (1 year 6 months)
- Industry : Nil
- Others : Nil

7. Area of Specialization : Computer vision

8. Courses Taught at:

UG Level : CNC Technology, Data analytics, Metrology and Measurements

PG Level : Automotive Mechatronics, Modeling and simulation of Mechatronics system design.

9. Research/Project Guidance :

Master ; Android based manipulator control.

Ph.D ; Nil

10. Projects Carried out :

11. Patents : Obtained : Nil Applied : Nil

12 : Technology Transfer :

13. Research Publications :Nil

National Journals :Nil

International Journals ; Nil

Conferences :Demo Based Peer Teaching Among UG Students Through Innovative Assignments

14. No of Books Published with details : Nil

FACULTY PROFILE



1. Name and Designation : G.Kumaraguruparan, Associate Professor

2. Department : Mechatronics Engineering

3. Date of Birth : 30.06.1971

4. Unique id :

5. Education Qualification: B.E (Mechanical Engineering)

M.E.(Thermal Power Engineering)

PhD (Thermal Management of MEMS)

6. Work Experience :

- Teaching : 24 years
- Research : 17 years
- Industry : NIL
- Others : NIL

7. Area of Specialization : Thermal management of MEMS/Micro Systems

8. Courses Taught at:

UG Level : Thermodynamics
Fluid Mechanics
Heat and Mass Transfer
Computational Fluid Dynamics
Refrigeration and Air conditioning
Micro Electro Mechanical Systems
Thermal Packaging of Electronics
Engineering Graphics

PG Level :

Modelling Simulation of Mechatronics systems

Micro Electro Mechanical Systems

9. Research/Project Guidance :

Master ; 10 projects in the area of microchannel heat sink

Ph.D ; 6 scholars are doing PhD in Thermal Management of Electronics, Miniature Refrigeration system

10. Projects Carried out : 02 projects (Rs. 46,43,200)

11. Patents : Obtained : - Applied : -

12 : Technology Transfer : -

13. Research Publications :

National Journals : Nil

International Journals ; 3