

FACULTY PROFILE



1. Name and Designation : Dr. T. SORNAKUMAR, Professor

2. Department : Mechanical Engineering

3. Date of Birth : 21st May 1961

4. Unique id : 1-482659829

5. Education Qualification: B.E (Hons); M.Tech; Ph.D

6. Work Experience :

- Teaching : 25 ½ Years
- Research : 3 Years
- Industry : 4 Years
- Others : --

7. Area of Specialization : Production Engineering

8. Courses Taught at:

UG Level :

Manufacturing Processes

Metrology

Applied Metallurgy

Industrial Automation

Mechanical Measurements

Strength of Materials

Mechanics –Statics

Mechanics -Dynamics

Kinematics and Dynamics of Machinery

PG Level :

Applied Materials Technology

Tool Design Engineering

Mechanics of Metal Cutting and Metal Forming

Manufacturing Process Engineering

Welding Engineering

Precision Manufacturing Technology

Design for Manufacturability

Computer Integrated Manufacturing

Non Destructive Evaluation

9. Research/Project Guidance :

Master ; 53

Ph.D ; 06

10. Projects Carried out : 01

11. Patents : Obtained : --

Applied : --

12 : Technology Transfer : --

13. Research Publications :

National Journals : 03

International Journals ; 93

Conferences : 87

14. No of Books Published with details : --

FACULTY PROFILE



1. Name and Designation : K.Chockalingam, Professor

2. Department : Mechanical Engineering

3. Date of Birth : 06-07-1966

4. Unique id : 1-481439005

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

6. *Work Experience :*

- Teaching : 27 Years 09 Months
- Research : - 19 Years
- Industry : - 3 Years
- Others : - ---

7. Area of Specialization : Additive Manufacturing, Reverse Engineering, Optimization

8. Courses Taught at:

UG Level : Machine drawing, Production Drawing, Mechanical Measurements, Precision Engineering, Manufacturing process, Thermal Engineering, Manufacturing System Engineering

PG Level : Product design and development, Design for manufacturing and assembly, CIM

9. Research/Project Guidance :

Master ; - 40

Ph.D ; - Completed: 01 On going: 05

10. Projects Carried out : - 02

11. Patents : Obtained : Nil Applied : - Nil

12 : Technology Transfer : 03

13. Research Publications :

National Journals : -- 02

International Journals ; 10

Conferences : 05

14. No of Books Published with details : -Nil

FACULTY PROFILE



1. Name and Designation: Dr. PL.K. Palaniappan, Professor

2. Department : Mechanical Engineering

3. Date of Birth : 13.04.1969

4. Unique id : 1-482659867

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

6. Work Experience :

- Teaching : 26 Years
- Research : 16 Years
- Industry : 0.5 Years
- Others : -

7. Area of Specialization : Manufacturing Engineering

8. Courses Taught at:

UG Level : Manufacturing Technology, Metallurgy, Metrology

PG Level : Operations Management, Supply Chain Management, CIM, DFMA

9. Research/Project Guidance :

Master ; 32 (completed) 3 (ongoing)

Ph.D ; 3 (completed) 6 (ongoing)

10. Projects Carried out : Sponsored Projects – 5 & Consultancy projects -3.

11. Patents : Obtained : - Applied : -

12 : Technology Transfer : -

13. Research Publications:

National Journals: -

International Journals; 14

Conferences : 30

14. No of Books Published with details: -

FACULTY PROFILE

1. Name and Designation : **A.Valan Arasu**, Professor

2. Department : Mechanical Engineering

3. Date of Birth : 05-05-1971

4. Unique id : 1-481850121

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

6. Work Experience :

- Teaching : 25 Years
- Research : --
- Industry : --
- Others : --

7. Area of Specialization : Thermal Engineering

8. Courses Taught at:

UG Level : Engineering Thermodynamics, Thermal Engineering, Fluid Mechanics, Heat and Mass Transfer, Refrigeration and Air-conditioning, Engineering Graphics, Turbomachines, Power Plant Engineering

PG Level : Energy Management, Waster Heat Recovery, Renewable energy systems, Industrial Instrumentation

9. Research/Project Guidance :

Master ; -

Ph.D ; Completed : 4 and Ongoing : 6

10. Projects Carried out : 7

11. Patents : Obtained : 0 Applied : 1

12 : Technology Transfer : 26

13. Research Publications :

National Journals : ---

International Journals ; 43

Conferences : 17



14. No of Books Published with details :

| Sl. No. | Title | Area | Publishers | Year |
|---------|---|---------------------------|---|---|
| 1 | Turbo Machine ISBN – 978-93-259-6008-4 | Mechanical Engineering | Vikas Publisher, New Delhi | 2001 (First Edition) 2013 (Second edition) |
| 2 | Engineering Thermodynamics ISBN:81-8209-140-3 | Mechanical Engineering | Vijay Nicole Imprint Pvt. Ltd., Chennai | 2006 |
| 3 | Thermal Engineering ISBN: 978-81-8209-165-8 | Mechanical Engineering | Vijay Nicole Imprint Pvt. Ltd., Chennai | 2008 (First Edition) 2018 (Second Edition) |

FACULTY PROFILE



1. Name and Designation: Dr. M. Kathiresan, Assistant. Professor

2. Department : Mechanical Engineering

3. Date of Birth : 07.07.1971

4. Unique id : 1-481439081

5. Education Qualification:

Ph.D - Mechanical Engineering

M.E - Production Engineering

B.E - Mechanical Engineering

6. Work Experience :

- Teaching : 19 Years
- Research : 16 Years 6 Months
- Industry :

7. Area of Specialization : Manufacturing Engineering

8. Courses Taught at:

UG Level : 19 Years

PG Level : 19 Years

9. Research /Project Guidance :

Master : 20 (Completed)

Ph.D : 08 (3 Thesis Submitted, 5 Undergoing)

10. Projects Carried out : -

11. Patents: Obtained: - Applied: -

12 : Technology Transfer : -

13. Research Publications: Journals 18

National Journals : 02

International Journals : 16

Conferences : 12

14. No of Books Published with details: -

FACULTY PROFILE



1. Name and Designation : Dr.C. PARAMASIVAM, Associate Professor

2. Department : Mechanical Engineering

3. Date of Birth :01.04.1975

4. Unique id : 1-481439113

5. Education Qualification : BE., ME., Ph.D

6. Work Experience:

- Teaching : 20 Years
- Research : 9 years
- Industry : 1.5 Years
- Others : -

7. Area of Specialization: Computer Integrated Manufacturing

8. Courses Taught at:

UG Level:

- Geometric Modeling
- Metal Forming and Joining Processes
- Engineering Graphics
- Production Drawing
- Automated Manufacturing Systems

PG Level:

- CNC Machine Tool Technology
- Computer Integrated Manufacturing

9. Research/Project Guidance:

Master: 12

Ph.D ; -

10. Projects Carried out :

- Development of International Virtual Laboratory on Mechatronics under the auspices of European Union – India Economic Cross Cultural Programme
- Development of a software for obtaining CAD data from image drawings
- Design validation of cast products through simulation

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

12 : Technology Transfer : --

13. Research Publications :

National Journals : 01

International Journals : 10

Conferences : 09

14. No of Books Published with details : --

FACULTY PROFILE



1. Name and Designation : Dr.K.SRITHAR, Professor

2. Department : MECHANICAL ENGINEERING

3. Date of Birth : 09.04.1966

4. Unique id : 1-486729407

5. Education Qualification: Ph.D., PDF

6. Work Experience :

- Teaching : 28
- Research : 2
- Industry :
- Others :

7. Area of Specialization : Thermal Engineering

8. Courses Taught at:

UG Level : Thermal Engineering, Thermodynamics, Fluid Mechanics, Gas Dynamics, Heat and Mass Transfer, Refrigeration and Air Conditioning

PG Level : Energy Conversion Management, Industrial Instrumentation

9. Research/Project Guidance :

Master ;

Ph.D ; 6 Completed

10. Projects Carried out : F. 39-902/2010/SR dated 12/01/2011-Experimental Investigation of a four stroke single cylinder direct injection diesel engine operated on hybrid biofuels for reducing global warming.

11. Patents : Obtained : Nil Applied : Nil

12 : Technology Transfer : Nil

13. Research Publications :

National Journals :

International Journals ; 64

Conferences : 4

14. No of Books Published with details : Nil

FACULTY PROFILE



1. Name and Designation : Dr. P. Maran, Associate Professor

2. Department : Mechanical Engineering

3. Date of Birth : 21.05.1969

4. Unique id : 1-486805987

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

6. Work Experience :

- Teaching : 26
- Research : 16
- Industry : --
- Others : --

7. Area of Specialization : Thermal Sciences, Modeling, CFD

8. Courses Taught at:

UG Level : 26 years (Fluid Mechanics, Thermodynamics, Engineering Graphics, CFD, Thermal
Thermal Engineering, Energy conversion, Gas Turbine and Propulsion, etc.)
PG Level : 3 years (Metal Joining Engineering, Seminar, Project/Thesis)

9. Research/Project Guidance :

Master ; 7 students

Ph.D ; 1 Scholar - Completed and 2 Scholar - Ongoing

10. Projects Carried out : --

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

12 : Technology Transfer : --

13. Research Publications :

National Journals : 2

International Journals ; 9

Conferences : 5

14. No of Books Published with details : --

FACULTY PROFILE



1. Name and Designation : Dr.V.Balasubramani , Assistant Professor

2. Department : Mechanical Engineering

3. Date of Birth : 09.05.1975

4. Unique id : 1- 481439061

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

6. Work Experience :

- Teaching : 20 years 07 months
- Research : 11 years 08 months
- Industry :
- Others :

7. Area of Specialization : BE (Mechanical Engineering) ME (Engineering Design) Ph.D (Composite Materials , Finite Element Analysis, Mechanical vibrations, Mechanical design)

8. Courses Taught at:

UG Level : 20 years

PG Level : 10 years

9. Research/Project Guidance :

Master ; 03

Ph.D ; Nil

10. Projects Carried out : One

11. Patents : Obtained : nil Applied : Nil

12 : Technology Transfer : Consultancy -Four

13. Research Publications :

National Journals : nil

International Journals ; 09

Conferences : 14

14. No of Books Published with details : Nil

FACULTY PROFILE



1. Name and Designation : S. Karthikeyan, Associate Professor

2. Department : Mechanical Engineering

3. Date of Birth : 18.11.1975

4. Unique id : 1-486729395

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

6. Work Experience :

- Teaching : 17 year
- Research : 01 Year
- Industry : 01 Year
- Others : Nil

7. Area of Specialization : Industrial Engineering (Quality Engineering and Management)

8. Courses Taught at:

UG Level : Statistical Process Control, Quality Engineering, Total Quality Management,
Management theory and Practice.

PG Level : Quality and Reliability Engineering, Work study, Management Support Systems,
Industrial Engineering Systems.

9. Research/Project Guidance :

Master : 30,

Ph.D : 01 (Thesis Submitted)

10. Projects Carried out : 01 (UGC - Major Research Project)

11. Patents: Obtained : NIL Applied : 1

12 : Technology Transfer : -

13. Research Publications :

National Journals : 02

International Journals ; 09

Conferences : 29

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

FACULTY PROFILE



1. Name and Designation : S.SARAVANA PERUMAAL, Assistant Professor

2. Department : Department of Mechanical Engineering

3. Date of Birth : 12.05.1980

4. Unique id : 1-481439117

5. Education Qualification: B.E. (Mechanical Engineering); M.E. (Manufacturing Engineering);
Ph.D (Mechanical Engineering- Robotics)

6. Work Experience :

- Teaching : 15 years and 7 Months
- Research : 11 years
- Industry : Nil
- Others : NA

7. Area of Specialization : Manufacturing Engineering – Robotic Vision

8. Courses Taught at:

UG Level : Robotics, Machining Processes, Production Drawing, Assembly Engineering, Geometric Modeling, Engineering Graphics (I year), Industrial Robotics (General Elective), Machine Vision (Elective)

PG Level : Design for Manufacture and Assembly, Optimization Techniques, Mechanics of Metal Cutting and Metal Forming

9. Research/Project Guidance :

Master : 16 (Completed) ; 1 (In-progress)

Ph.D : 5 (In-progress)

10. Projects Carried out : 1 – Video Cognitive Services for Honeywell Technologies Solutions Pvt. Ltd. Madurai

11. Patents : Obtained : Nil Applied : Nil

12 : Technology Transfer : Nil

13. Research Publications :

National Journals : 1

International Journals : 6

Conferences : 12

14. No of Books Published with details : Nil

FACULTY PROFILE



1. Name and Designation : **Dr.ML.Mahadevan**, Asst. Professor(SG)

2. Department : MECHANICAL ENGG.

3. Date of Birth : 3.6.1974

4. Unique id : 1-481439073

5. Education Qualification: B.E (Mech), M.E(Ind.), Phd.,

6. Work Experience :

- Teaching : 20 years
- Research : 15 years
- Industry : -
- Others : -

7. Area of Specialization : Reliability and Maintenance Management

8. Courses Taught at:

UG Level : Industrial Engineering, Material Handling systems and Engg, Quality Engineering, Total Quality Management, Machine Drawing, Engineering Graphics

PG Level : Maintenance Engg. and Risk Management, Plant layout and Material handling, Quality and reliability Engg., Value Engg., Total Quality Engineering, Work study and cost estimation, Research methodology

9. Research/Project Guidance :

Master ; 25 (completed)

Ph.D ; -

10. Projects Carried out : NIL

11. Patents : Obtained : - Applied : -

12 : Technology Transfer :

13. Research Publications :

National Journals : -

International Journals ; 04

Conferences : 07

14. No of Books Published with details : -

FACULTY PROFILE



1. Name and Designation: Dr.B.KARTHIKEYAN, Assistant Professor

2. Department: Mechanical Engineering

3. Date of Birth: 27.11.1973

4. Unique id: 1-482804701

5. Education Qualification: B.E (Mechanical), M.E (Thermal Sciences), Ph.D

6. Work Experience:

- Teaching : 20 years
- Research : 8 years (Ph.D.Duration)
- Industry :Nil
- Others : Nil

7. Area of Specialization: I.C.Engines

8. Courses Taught at:

UG Level:

- | | |
|------------------------------------|---------------------------------------|
| i. Engineering Graphics | vi. Turbo Machines |
| ii. Automotive Engine System | vii. I.C.Engines |
| iii. Engineering Thermodynamics | viii. Power Plant Engineering |
| iv. Thermal Engineering | ix. SI Engines Design and Engineering |
| v. Gas Dynamics and Jet Propulsion | |

PG Level: Nil

9. Research/Project Guidance:

Master: Nil

Ph.D: Nil

10. Projects carried out: Nil

11. Patents: Obtained: Nil Applied: Nil

12. Technology Transfer:

13. Research Publications:

National Journals: Nil

International Journals: 3

Conferences: 1

14. No of Books Published with details: Nil

(B.KARTHIKEYAN)

FACULTY PROFILE



1. Name and Designation : M.Elango, Assistant Professor

2. Department : Mechanical

3. Date of Birth : 23.04.1973

4. Unique id : 1-482659825

5. Education Qualification: B.E (Mechanical) , M.E(CAD), PhD.

6. Work Experience :

- Teaching : 23
- Research : 7
- Industry : NA
- Others : NA

7. Area of Specialization : Composite materials , Multi-robot coordination

8. Courses Taught at:

UG Level : Design of transmission system, Finite Element Analysis, Kinematics of machines

PG Level : Computer integrated manufacturing , Industrial Automation, Product design and development, Fluid power automation

9. Research/Project Guidance :

Master ; 15

Ph.D ; 2

10. Projects Carried out : 1

11. Patents : Obtained : Applied : 3

12 : Technology Transfer :

13. Research Publications :

National Journals : 3

International Journals ; 6

Conferences : 15

14. No of Books Published with details : NA

FACULTY PROFILE



1. Name and Designation : Dr.A.Samuel Raj,Assistant Professor
2. Department : Mechanical Engineering
3. Date of Birth : 25.05.1973
4. Unique id : 1-486729391
5. Education Qualification : M.E, Ph.D
6. Work Experience :
- Teaching : 20 Years
 - Research : 06 (PhD Duration)
 - Industry : NIL
 - Others : NIL
7. Area of Specialization : Automobile Engineering
8. Courses Taught at:
- UG Level** :
- Automotive Engineering
Vehicle Design Engineering
Vehicle Dynamics
Motorcycle dynamics
S.I.Engine Design
Engineering Mechanics
Engineering Thermodynamics
Thermal Engineering
Engineering Graphics
- PG Level** : NIL
9. Research/Project Guidance :
- Master : NIL
- Ph.D : NIL
10. Projects Carried out : 01 (AICTE – MODROBS)
11. Patents : Obtained : NIL Applied : NIL
- 12 : Technology Transfer :
13. Research Publications :
- National Journals : NIL
- International Journals : 05
- Conferences : 02
14. No of Books Published with details : NIL

FACULTY PROFILE



1. Name and Designation : UMAR MOHAMED J, Assistant Professor

2. Department : MECHANICAL ENGINEERING

3. Date of Birth : 31/07/1980

4. Unique id : 1-486729403

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

6. Work Experience :

- Teaching : 13 Years
- Research : 3 Years
- Industry : 1
- Others :

7. Area of Specialization : Friction Stir Welding

8. Courses Taught at:

UG Level : 13 Years

PG Level : 9 Years

9. Research/Project Guidance :

Master ; 20

Ph.D ; Nil

10. Projects Carried out : Nil

11. Patents : Obtained : Nil Applied : Nil

12 : Technology Transfer :

13. Research Publications :

National Journals : 3

International Journals ; Nil

Conferences : 5

14. No of Books Published with details : Nil

FACULTY PROFILE



1. Name and Designation : M.KANNAN, Assistant Professor
2. Department : Mechanical Engineering
3. Date of Birth : 14.03.1966
4. Unique id : 1-783530142
5. Education Qualification : BE., ME., (Ph.D)

6. Work Experience:

- Teaching : 31.5 Years
- Research : 9 years
- Industry : -
- Others : -

7. Area of Specialization: Manufacturing Engineering

8. Courses Taught at:

UG Level:

Free body Mechanics , Mechanics of Materials, Engineering Graphics, Metal Forming Technology, Production Drawing, Design for sheet metal Manufacturing, Jigs Fixtures and Press Tools, Metrology and Measurements.

PG Level:

9. Research/Project Guidance:

Master: 08

Ph.D ; -

10. Projects Carried out : --

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

12 : Technology Transfer : --

13. Research Publications :

National Journals : 01

International Journals : 05

Conferences : 14

14. No of Books Published with details : --

FACULTY PROFILE



1. Name and Designation : GOVARDHANAN M.S. , Assistant Professor

2. Department : Mechanical Engineering

3. Date of Birth : 25.07.1978

4. Unique id : 1-1016477634

5. Education Qualification: B.E.(MECH), M.E.(THERMAL ENGINEERING), Ph.D (Pursuing)

6. Work Experience :

- Teaching : 18
- Research : 5
- Industry : NIL
- Others : NIL

7. Area of Specialization : THERMAL ENGINEERING

8. Courses Taught at:

UG Level : ENGINEERING THERMODYNAMICS, FLUID MECHANICS, THERMAL ENGINEERING,
AUTOMOTIVE ENGINEERING

PG Level : NIL

9. Research/Project Guidance :

Master: NIL

Ph.D : NIL

10. Projects Carried out : -

11. Patents : Obtained : - Applied : -

12 : Technology Transfer : -

13. Research Publications :

National Journals : 01

International Journals ; -

Conferences : 01

14. No of Books Published with details : -

FACULTY PROFILE



1. Name and Designation : B.BRUCELEE, Assistant Professor

2. Department : Mechanical Engineering

3. Date of Birth : 21-03-1979

4. Unique id : 1-2185282063

5. Education Qualification: M.E (Ph.D)

6. Work Experience :

- Teaching : 14
- Research :-
- Industry :2
- Others :

7. Area of Specialization : Production Engineering

8. Courses Taught at:

UG Level :Engineering Graphics, Management Theory and Practice, Accounting and finance, Metal Cutting and Forming Process, Industrial Engineering, Production and Operations Management, Energy conservation Techniques, Principles of Management **PG Level** :Plant Layout and Material Handling

9. Research/Project Guidance :

Master ;9 Projects Guided- Industrial Engineering (Supply Chain Management)

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 ; 01

Conferences : 04

14. No of Books Published with details :

FACULTY PROFILE



1. Name and Designation : Dr.R.Sivasankaran, Assistant Professor
2. Department : Mechanical Engineering
3. Date of Birth : 30-04-1979
4. Unique id : 1- 2186240613
5. Education Qualification: B.E(Mech)., M.Tech (Prod)., Ph.D., M.B.A.,

6. Work Experience :

- Teaching : 15 years
- Research : 09 years
- Industry :----
- Others : ----

7. Area of Specialization : Production Engineering

8. Courses Taught at:

UG Level : Engineering Graphics, Manufacturing system Engineering, Accounting and finance, Reliability Engineering, Product design and development, Marketing Management, Management Theory and practices.

PG Level : Design for manufacturing and assembly, Simulation and modeling.

9. Research/Project Guidance :

Master ; 05

Ph.D ; Nil

10. Projects Carried out :

11. Patents : Obtained : Nil Applied : Nil

12 : Technology Transfer :

13. Research Publications :

National Journals : Nil

International Journals ; 03

Conferences : 05

14. No of Books Published with details : Nil

FACULTY PROFILE



1. Name and Designation : Prakash T, Assistant Professor

2. Department : Mechanical Engineering

3. Date of Birth : 10.03. 1988

4. Unique id : 1-2334864713

5. Education Qualification: ME. Production Engineering and B.E. Mechanical Engineering

6. Work Experience :

- Teaching : 4 Years
- Research :
- Industry : 1 Years
- Others :

7. Area of Specialization : Manufacturing, Bio Materials and Optimization

8. Courses Taught at:

UG Level : Geometric Modeling, Additive manufacturing and Machining Processes

PG Level : Tool Design Micro Electro Mechanical Systems and Product design and Development

9. Research/Project Guidance :

Master ; 01

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 ; Nil

Conferences : International = 2 and National = 3

14. No of Books Published with details : Nil

FACULTY PROFILE



1. Name and Designation : C. VIGNESH, Assistant Professor

2. Department : Mechanical Engineering

3. Date of Birth : 18.01.1989

4. Unique id : 1-2624791453

5. Education Qualification: M.E

6. Work Experience :

- Teaching : 6
- Research : 1
- Industry : -
- Others : -

7. Area of Specialization : Biomaterials, Biomechanics, Finite Element Analysis

8. Courses Taught at:

UG Level : Design of Machine Elements, Design of Transmission Systems, Kinematics and Dynamics of Machinery, Finite Element analysis, Energy conversion technique
PG Level : -

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 : 2

14. No of Books Published with details : -

FACULTY PROFILE



1. Name and Designation: C. Selva Kumar, Assistant Professor

2. Department: Mechanical Engineering

3. Date of Birth: 28.05.1989

4. Unique id: 1-2686554006

5. Education Qualification: B.E. Mechanical Engineering, M.E. Production Engineering, PhD (Pursuing)

6. Work Experience:

- Teaching: 3 years and 9 months
- Research: -
- Industry: 3 years
- Others:

7. Area of Specialization: Production Engineering, Robotics, Design Thinking

8. Courses Taught at:

UG Level: Metal Joining Processes and Manufacturing Practices, Machining Processes, Robotics

PG Level: -

9. Research/Project Guidance:

Master; 1

Ph.D ; -

10. Projects Carried out:

11. Patents: Obtained: Applied:

12. Technology Transfer:

13. Research Publications:

National Journals:

International Journals;

Conferences: 2

14. No of Books Published with details:

FACULTY PROFILE



1. Name and Designation :M.M.DEVARAJAN, Assistant Professor

2. Department :Department of Mechanical Engineering

3. Date of Birth :16/09/1989

4. Unique id : 1-3229487272

5. Education Qualification:

B.E - Electronics and Communication Engineering - 2011 PASSED OUT

M.E - Industrial Engineering - 2013 PASSED OUT

Ph.D - Mechanical Engineering - Undergoing from 2017

6.Work Experience :

- Teaching :5 YEARS
- Research :-
- Industry :-
- Others :-

7.Area of Specialization :ELECTRONIC COOLING, INDUSTRIAL ENGINEERING, QUALITY

8.Courses Taught at:

UG Level :Accounting and Finance, Quality and Reliability Engineering, Total Quality Management, Material Handling Engineering, Organizational Behavior, Mechatronics, Microcontrollers, Electronics and Microprocessors, Human Resource Management, Supply Chain Management. Metrology and measurements lab, Engineering Graphics -assisted, Capstone Course - I, Capstone Course - II.

PG Level :Management Support Systems

9.Research/Project Guidance :

Master ; 3PROJECTS GUIDED

Ph.D ;NIL

10. Projects Carried out : NIL

11. Patents : Obtained : NIL Applied :NIL

12 : Technology Transfer :FACULTY INTERNSHIP AT SIEMENS FROM 10.12.2018 TO 14.12.2018

13. Research Publications : National Journals :1 International Journals ;NIL Conferences :1

14. No of Books Published with details :NIL

FACULTY PROFILE

1. Name and Designation : M. KARTHIC, Assistant Professor.

2. Department : Mechanical Engineering

3. Date of Birth : 20.03.1991

4. Unique id : 1-3362028602

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

6. Work Experience :

- Teaching : 2 Years 10 Months
- Research : --
- Industry : 1 Year 10 Months
- Others : ---

7. Area of Specialization : Additive Manufacturing, Scaffolds, Optimization

8. Courses Taught at:

UG Level : Additive Manufacturing, Manufacturing systems and automation, Mechanical Measurements and metrology, Hydraulics and Pneumatics, Production Drawing and Lateral Thinking.

PG Level : Plant layout and Material Handling

9. Research/Project Guidance :

Master ; 01

Ph.D ; ---

10. Projects Carried out :

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

12 : Technology Transfer :

13. Research Publications :

National Journals : --

International Journals ; 02

Conferences : 01

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



FACULTY PROFILE



1. Name and Designation : S.Manikandan, Assistant Professor

2. Department : Mechanical Engineering

3. Date of Birth : 03-02-1989

4. Unique id : 1-3694050874

5. Education Qualification: M.E (Mechatronics)

6. Work Experience :

- Teaching : 05 Years 10 Months
- Research : -
- Industry : -
- Others : -

7. Area of Specialization : Mechatronics, Linear and Nonlinear Control Systems

8. Courses Taught at:

UG Level : Drives and Control, Hydraulics and Pneumatics, Control systems,
Digital Electronics, Linear Integrated circuits, Process control

PG Level : Advanced Control systems

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 ; 01

Conferences : 04


14. No of Books Published with details : -

FACULTY PROFILE



| | | |
|------------------------------|---|--|
| 1. Name & Designation | : | PARTHIBAN K ASSISTANT PROFESSOR |
| 2. Department | : | MECHANICAL ENGINEERING |
| 3. Date of Birth | : | 11 NOV 1991 |
| 4. Unique Id | : | 1-3674921418 |
| 5. Educational Qualification | : | M.E. (PRODUCTION ENGINEERING) |
| 6. Work Experience | | |
| Teaching | : | 3.7 YEARS |
| Research | : | - |
| Industry | : | - |
| Others | : | - |
| 7. Area of Specialization | : | PRODUCTION TECHNOLOGY |
| 8. Courses taught at | | |
| | | <ul style="list-style-type: none"> • Manufacturing Engineering • Metrology and Measurement • Material Science • Engineering Mechanics • Strength of Materials • Thermodynamics • Fluid Mechanics • Basics of Mechanical Engineering • Engineering Graphics • Machining Processes Lab |
| UG Level | : | |
| PG Level | : | |
| 9. Research/Project Guidance | | |
| Master | : | - |
| Ph.D. | : | - |
| | | <ul style="list-style-type: none"> i. Mechanical Study on Air pollutants as Particle reinforced composites. ii. Vibration analysis of Graphite and Steel wire reinforced polymer composite. iii. Thermal study on low cost Graphene Ink polymer |
| 10. Projects Carried out | : | |
| 11. Patents | | |
| Obtained | : | - |
| Applied | : | - |
| 12. Technology Transfer | : | - |
| 13. Research Publications | | |
| National Journals | : | - |
| International Journals | : | 00 |
| Conferences | : | 02 |
| 14. No. of Books Published | : | - |

FACULTY PROFILE

| | | | |
|------------------------------|---|--|---|
| 1. Name & Designation | : | SANKAR B ASSISTANT PROFESSOR |  |
| 2. Department | : | MECHANICAL ENGINEERING | |
| 3. Date of Birth | : | 04 .11.1992 | |
| 4. Unique Id | : | 1-3676099469 | |
| 5. Educational Qualification | : | M.E. (ENGINEERING DESIGN) | |
| 6. Work Experience | | | |
| Teaching | : | 2.7 YEARS | |
| Research | : | - | |
| Industry | : | - | |
| Others | : | - | |
| 7. Area of Specialization | : | DESIGN | |
| 8. Courses taught at | | | |
| | | <ul style="list-style-type: none"> • Design of Machine Elements • Kinematics & Dynamics of Machinery • Engineering Design • Energy Conversion Systems | |
| UG Level | : | <ul style="list-style-type: none"> • CFD Lab • FEA Lab • Metal Joining Processes & Manufacturing Practices Lab • Basics of Mechanical Engineering • Engineering Graphics • Machining Processes Lab | |
| PG Level | : | | |
| 9. Research/Project Guidance | | | |
| Master | : | - | |
| Ph.D. | : | - | |
| 10. Projects Carried out | : | <ul style="list-style-type: none"> i. An Investigative Study on the Physio-chemical Properties of Novel Natural Cellulosic Fibres for use as Bio Composites ii. An inquisitive study on mechanical characteristics of natural fiber reinforced hybrid composites for wind turbine nose. iii. Design and fabrication of automatic loading and unloading system for drilling and tapping special purpose machine. | |
| 11. Patents | | | |
| Obtained | : | - | |
| Applied | : | - | |
| 12. Technology Transfer | : | - | |
| 13. Research Publications | | | |
| National Journals | : | - | |
| International Journals | : | 01 | |
| Conferences | : | 02 | |
| 14. No. of Books Published | : | - | |

FACULTY PROFILE



1. Name and Designation : S.RAJKUMAR , Assistant Professor

2. Department : MECHANICAL ENGINEERING

3. Date of Birth :05.06.1981

4. Unique id : 1-3690230914

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

6. Work Experience :

- Teaching : 4.5 years
- Research :01 year
- Industry :3 years
- Others : Nil

7. Area of Specialization :INDUSTRIAL ENGINEERING

8. Courses Taught at:

UG Level : Basic Mechanical Engineering, Manufacturing System Engineering,
Manufacturing Processes, Management Theory and Practices, Accountings
and Finance.

PG Level :Nil

9. Research/Project Guidance :NIL

Master ;

Ph.D ;

10. Projects Carried out : NIL

11. Patents : Obtained : NIL Applied : NIL

12 : Technology Transfer :NIL

13. Research Publications :

National Journals :NIL

International Journals ;01

Conferences :NIL

14. No of Books Published with details : NIL

FACULTY PROFILE



1. Name and Designation : M. SERMARAJ, Assistant Professor

2. Department : Mechanical Engineering

3. Date of Birth : 18-05-1980

4. Unique id : 1-4573609434

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

6. Work Experience :

- Teaching : 12
- Research : 01
- Industry :
- Others :

7. Area of Specialization : Engineering Design

8. Courses Taught at:

UG Level : Design of Machine elements, Design for welding, Engineering design, Engineering graphics, Material handling system engineering.

PG Level : Nil

9. Research/Project Guidance :

Master ; Nil

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 ; 01

Conferences : 01

14. No of Books Published with details : Nil