

1. Name : **Prof. Dayanand Pai**

2. Date of Birth: **17/03/68**

3. Educational Qualification

B.E. (Mechanical)

M.E (Production Mgmt.)

Currently doing Ph.D.



4. Work Experience

Teaching -15yrs

5. Area of Specializations -

Advanced manufacturing, Production Management, Design of experiments

6. Subjects teaching at Under Graduate Level-

Mechanical System Design, Engineering Metrology,
Theory of Machines

7. Projects Carried out - Final year students project guide

1. Name : **Prof. Vinay Shirodkar**
2. Date of Birth: **24th August 1970**
3. Educational Qualification
B.E. (Mechanical)
M.E (Industrial Engg.)
Doing PhD (Part Time) at NIT, Calicut
4. Work Experience
Teaching - 4 years
Industry- 10 years
5. Area of Specializations -Industrial Engineering
6. Subjects teaching at Under Graduate Level-
IndustrialEngg, Operations Research, Mechanical system design,
Engineering Graphics, Manufacturing Technology
7. Projects Carried out - Final Year students project
Study and implementation of Six Sigma in Crompton Greaves
Design and Construction of Model Hovercraft
Design and Fabrication of Hybrid Vehicle
Analysis and Synthesis of Cam Mechanism
Analysis of Fabrication of Gear Trains and their applications
Design and Fabrication of ATV



1. Name : **Prof. Jagannath b. Hirkude**
2. Date of Birth: **20/07/1972**
3. Educational Qualification
B.E. (Mechanical)
M.Tech (Energy Systems)
Energy Auditor (Certified by B.E.E.India)



4. Work Experience
Teaching -9 & 1/2 years
Industry- 2 years
5. Area of Specializations
Energy Systems, Thermal Engineering,
Refrigeration and Air-conditioning
6. Subjects teaching at Under Graduate Level-
Energy Conversion, Power Plant, Refrigeration
and Air Conditioning, Applied Thermodynamics
7. No. of papers published in Conferences -8
8. Projects Carried out - Simulation of IC engine, Optimization of governing system of power plant, Energy Auditing, Alternative fuels for IC engine.

1. Name : **Prof. Suraj Surendra Rane**
2. Date of Birth : 28.07.1975
3. Educational Qualification :
BE (Mechanical Engineering)
ME (Industrial Engineering)
Doing PhD (External) at IIT Bombay
4. Work Experience
Teaching 9 ½ yrs
Industry 1 ½ yrs
5. Area of Specializations
Quality Management, Reliability Engineering, Manufacturing Engineering, Finite Element Methods, Operations Management
6. Subjects teaching at Under Graduate Level
Quality Management, Manufacturing Technology, Industrial Engineering, Operations Management, CAD-CAM, Finite Element Methods
7. No. of papers published in Conferences : 13
8. Projects Carried out :
Industrial Projects on six Sigma, Value Engineering, Work Study, Maintenance Management



1. Name: **Ms. Neena Shekhar Panandiker**
2. Date of Birth: **22/02/1971**
3. Educational Qualification
B.E. (Civil)
M.Tech (Structural Engg), NITK Surathkal



4. Work Experience
Teaching - 10 years
Industry - 4 years
5. Area of Specializations -Structural Engineering
6. Subjects teaching at Under Graduate Level-
Engineering Mechanics, Fluid Mechanics, Strength of Materials, Finite Element method & Environmental Studies.
7. No. of papers published in Conferences - 04
8. Projects Carried out - final year students project
Project in area of Fluid Mechanics & Vibrational Analysis

1. Name :Mr. **JOE KURIAN**
2. Date of Birth: **27/04/1972**
3. Educational Qualification
B.E. (Mechanical)
M.Tech (Maintenance Engineering and Management)
4. Work Experience
Teaching -8years
Industry - 6 years
5. Area of Specializations
Maintenance Engineering, Vibrations, Thermal Engineering
6. Subjects teaching at Under Graduate Level-
Heat and Mass transfer, Materials Management,
Energy Conversion
7. Projects Carried out -
Projects in the areas of Energy Auditing, Six Sigma, Materials
Management, Design of Special purpose equipment, Vibration
analysis and hydrodynamics.



1. Name : **Mrs. Geethalakshmi k**
2. Date of Birth: **09/09/1967**
3. Educational Qualification
M.Sc
M.Tech
Currently pursuing Ph.D.
4. Work Experience
Teaching - 12 years
5. Area of Specializations -
Materials Science
6. Subjects teaching at Under Graduate Level-
Mechanics of solids, Material Science
7. No. of papers published in Conferences :2
8. Projects Carried out -final year students project



1. Name : **Mahesh Mohan Caisucar**
2. Date of Birth: **12/02/1976**
3. Educational Qualification
B.E. (Mechanical)
M.E. (Industrial Engineering)
4. Work Experience
Teaching -4yrs
Industry-6yrs
5. Area of Specializations
Industrial Engineering, Mechatronics, Automations.
6. Subjects teaching at Under Graduate Level-
Quality Management, Operations Management, Fluid Power Control, Mechatronics, Theory of machines, Engineering Graphics, Autocad.
7. No. of papers published in Conferences :2
8. Projects Carried out -
Areas: Automation, Six Sigma, MOST, Design of Portable Cranes, Vibration analysis in W/M.



1. Name : **Ashish Ramchandra Prabhu**

2. Date of Birth: **12.09.1979**

3. Educational Qualification

B.E. (Mechanical)

M.Tech (Production Management)



4. Work Experience

Teaching -4 yrs

5. Area of Specializations -Production Management

6. Subjects teaching at Under Graduate Level-

Theory of Machines, Machine Design, Fluid Mechanics,
Engineering Graphics

7. No. of papers published in Conferences: 1

8. Projects Carried out - Project works carried in the field of Total Productive maintenance, machine design , materials management and Automated material handling System

1. Name : **Ms.Jisa Randeer**
2. Date of Birth: **05/07/1981**
3. Educational Qualification
B.E (Mechanical)
MBA (Materials Management)



4. Work Experience
Teaching -4 years
Industry-1 year
5. Area of Specializations
MBA (Materials Management)
6. Subjects teaching at Under Graduate Level-
Materials management, Energy Conversion I, Engg Mechanics,
Heat and mass transfer
7. No. of papers published in Conferences :3
8. Projects Carried out –
 1. Running Gasoline Engine on Hydrogen produced form Electrolysis of Water.
 2. Study of material flow and design of mechanisms involved.
 3. Design and fabrication of coconut tree climbing machine.

1. Name : **SURESH. E**

2. Date of Birth: **19-10-1975**

3. Educational Qualification

Completed 4 years of research while pursuing Ph.D. at IIT Kharagpur

In the area of Convective Instability. Thesis yet to be submitted.

M.E. Thermal Engineering from Bharathiar University, Coimbatore.

B. E. Mechanical Engineering from Madurai Kamaraj University

4. Work Experience

Teaching - 3 years

Research - 5 years

Others : Underwent training in Design of Central Air-Conditioning Systems at Blue Star Ltd. Chennai.

5. Area of Specializations

Thermal Engineering, Analytical and Computational Fluid Dynamics, Convective Instability.

6. Subjects teaching at Under Graduate Level

Fluid Mechanics, Thermodynamics, Engineering Mechanics

7. Projects carried out: CFD Analysis of flow over a Golf Ball





1. Name : **SHIVAJI M. SHELAR**
2. Date of Birth: **01-05-1978**
3. Educational Qualification
 - M.E. Mechanical (Heat Power Engineering) from Shivaji University, Kolhapur
 - B.E. Production Engineering from Shivaji University, Kolhapur
4. Work Experience
 - Teaching - 5 ½ Years
5. Area of Specializations
 - Thermal Engineering, Vapour Absorption Refrigeration
6. Subjects teaching at Under Graduate Level
 - Thermodynamics
 - Heat Transfer
 - Manufacturing Technology
 - Metal Cutting & Tool Design
7. No. of papers published in Conferences : 08
8. Projects Carried out : Final year students project guide

1. Name: **Ajit S. Salunke**
2. Data of Birth: **25/06/1973**
3. Educational Qualification:
BE. (Mechanical Engineering)
M.Tech (Computer Integrated Manufacturing)
PGDHRM
Diploma in Training & Development



4. Work Experience
Teaching: 3 years
Industry: 51/2 years
5. Area of Specialization: CAD/CAM, Mechatronics, Robotics
6. Subjects teaching at Under Graduate Level: CAD/CAM, Fluid mechanics, Mechatronics, ANSYS, Basic mechanical engineering
7. Projects Carried out:
Development of a Competency based model for Training at SESA Goa Ltd.
Automated storage system, Analysis of CNC cutting tool using ANSYS

1. Name : **Reuben Faleiro**

2. Date of Birth: **31/12/84**

3. Educational Qualification: B.E.(Mechanical)

4. Work Experience: nil

5. Areas of Interest:

Fluid Mechanics, Heat and Mass Transfer, Power Plant Engineering, Refrigeration and Air Conditioning, Turbo Machinery.

6. Subjects teaching at Under Graduate Level-

Conducting Practicals and Tutorials in Basic Mechanical Engineering, Machine Design 2, Energy Conversions 2.

6. Projects Carried out – Final Year Project - “Design and Fabrication of single seated Hovercraft”

