

## II Year

The evaluation shall be based on the seminar paper (40%), presentation (40%) and response to the questions asked during presentation (20%).

### Seminar Topics

1. Microbial Fuel Cells
2. Safety Air Bags in Cars
3. Hydroforming Techniques
4. Plastic Injection Molding
5. Non-Destructive Testing
6. Disk Brake
7. Cryogenic Hardening
8. IC Engine
9. Geothermal Energy
10. Cryogenic Heat Treatment
11. Next Generation 2-Stroke Engine
12. Microturbines
13. Scramjet Engine
14. Liquid Nitrogen
15. Direct Injection Diesel Engine
16. Quasi turbine
17. Smart Materials
18. Transit Mixer & Concrete Pump
19. Turbofan Engine
20. Ultrasonic Metal Welding
21. Thermal Barrier Coatings
22. Ultrasonic Techniques for hidden corrosion detection
23. Two Stroke Engine Using Reed Valves
24. Fluid Energy Milling
25. Ball Piston machines
26. Air Powered Cars
27. Electromagnetic Bomb
28. Plasma Arc welding
29. Trends in welding
30. Cruise Missile Technology



15<sup>th</sup> March 2019

 **THE KAVERY ENGINEERING COLLEGE** 

Mecheri, Salem - 636 453.

Department of  
**Mechanical Engineering**

Jointly Organizes

**IEI Students' Chapter**

**Seminar Presentation - 2019**

Patron

**Prof. Dr. V. Duraisamy**  
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Last Date of Registration : 07.03.2019

**Attractive Prizes**



## III Year Seminar Topics

1. Automatic Air Suspension
2. Micromachining
3. Aerogel
4. Hybrid solar Desiccant Cooling System
5. Four-Wheel Steering System
6. Noise Control in IC Engine
7. Electro-Hydraulic Brake (EHB) System
8. Ejection Seat
9. Micro Air Vehicles
10. Pistonless Pump
11. Multi Air Engine
12. Six Stroke Engine
13. Solar Cars
14. Biodeisel
15. Automatic Transmission In Cars
16. Nitro Shock Absorbers
17. Next Generation Engines
18. Tidal Energy
19. Camless Engine
20. Anti-Lock Braking Sensors
21. Air Muscles
22. SkyBus Technology
23. Paper Battery
24. Nano IC Engine
25. Gasoline Direct Injection
26. Vehicle Dynamics
27. Hovercraft
28. Aeroplane Propulsion System
29. Sidewinder Missile
30. Nano Technology



16<sup>th</sup> March 2019