

**DEPARTMENT OF AUTOMOBILE ENGINEERING**  
**PROGRAM OFFERED : B.E. AUTOMOBILE ENGINEERING**

# AutoXploR



**e-NEWSLETTER**  
**DECEMBER, 2022**

# EDITORIAL MEMBERS

## **AutoXploR - e-NEWSLETTER**

Dr. J. Venkatesan, Professor & Head

Dr. Ganesh V, Associate Professor & AHoD

Mr. K. Paul Durai, Assistant Professor

Mr. A.K. Boobalasesenthilraj, Assistant Professor

Mr. R. Vishwanth, Final Year B.E. Automobile  
Engineering Student

Mr. P. Abinandan, Second Year B.E. Automobile  
Engineering Student

# STUDENT ACHIEVEMENTS

## PALS-IITM

***Mr. Bennett Joseph, Mr. K. Sivasankaran, Mr. Giridharan R, and Mr. Guruviknesh B, final year students mentored by Mr. R. Sakthivel Assistant Professor,*** participated in PALS INNOWAH 2022-23, organized by PALS-IITM and the team was shortlisted for the next round on December 16 2022.

***Mr. Mukunth Raj, second year and Mr. S. Senthil Kumar, third year students*** participated in a Pals Residential workshop organized by PALS-IITM from December 12 2022 to December 14 2022.

***Mr. J. Subin Siddharthan, Mr. B. Vel Murali and Mr. M.r. Aut Kaleeswaran, second year students*** participated in a Two-day Faculty Student Development Program (FSDP) on “Multi-Scale Modeling of Various Metal Additive Manufacturing Processes”, organized by PALS IITM from December 07 2022 to December 08 2022.

# FACULTY CONTRIBUTIONS

## PUBLICATIONS

- N Tamiloli, Zh. Kalitchin and **J Venkatesan** published a paper titled, "Optimization of Chip Thickness, Roundness, And Surface Roughness of Dry Turned Component Using Grey Relational Analysis", in the Journal of the Balkan Tribological Association, Vol. 28, No. 5, pp. 613-625, December 2022.
  
- **Dr Ganesh V, Associate Professor, Mr. Ramanjaneyulu Kolla, Mr. R. Sakthivel and Mr. A.K. Boobalaseshilraj Assistant Professors**, published a paper titled "Simulation and Experimental Design of Load Adaptive Braking System on Two Wheeler" in an International Journal, Computer Systems Science and Engineering, Vol. 45, No. 3, pp. 3115-3134, December 2022 .

# FACULTY CONTRIBUTIONS

## FDP AND WEBINAR

- **Dr Ganesh V, Associate Professor, Dr. G. Ravi and Mr. Ramanjaneyulu Kolla, Assistant Professors**, participated in a Five Day Online Faculty Development Programme on “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from December 19 2022 to December 23 2022.
- **Dr. S. Premnath, Associate Professor**, participated in an online webinar titled “Designing Course Outcomes and Outcomes-focused questions”, organized by INPODS-ED TECH on December 14 2022.
- **Mr. K. Paul Durai and Mr. Ramanjaneyulu Kolla, Assistant Professors**, participated in a Two-day Faculty Student Development Program (FSDP) on “Multi-Scale Modeling of Various Metal Additive Manufacturing Processes”, organized by PALS IITM from December 07 2022 to December 08 2022.
- **Mr R Sakthivel, Assistant Professor**, participated in a Five Day Online Faculty Development Programme on “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from December 05 2022 to December 09 2022.

# PLACEMENT ACTIVITIES

## Students Placed in December 2022

<b>Student Name</b>	<b>Company Name</b>	<b>Date of Placement Offer</b>
Mr. S. Gnanapraksh	Sutherland Technologies	19.12.2022
Mr. K. Gunaseelan	Sutherland Technologies	19.12.2022
Mr. B. Guruviknesh	Sutherland Technologies	19.12.2022
Mr. B. Janakiraman	Sutherland Technologies	19.12.2022
Mr. B. Kavin	Sutherland Technologies	19.12.2022
Mr. S. Rohith Raja	Sutherland Technologies	19.12.2022
Mr. R. Sabarish	Sutherland Technologies	19.12.2022
Mr. M. Sriram Murugappan	Sutherland Technologies	19.12.2022
Mr. K.V. Sudharshan	Sutherland Technologies	19.12.2022
Mr. P. S. Tharun	Sutherland Technologies	19.12.2022
Mr. A. Umarali	Sutherland Technologies	19.12.2022
Mr. P. Vaigundhavan	Sutherland Technologies	19.12.2022
Mr. Viswa	Sutherland Technologies	19.12.2022
Mr. R. Yogeshwaran	Sutherland Technologies	19.12.2022

As on December 31 2022, a total of 21 students got placed out of 26 students of batch 2019-23 opted for placement.

# DEPARTMENT OF AUTOMOBILE ENGINEERING

The Department of Automobile Engineering was started in the year 1999 with sanctioned intake of 30. The intake was increased from 30 to 60 in the year 2009. The department has well-qualified and experienced faculty and staff members of proven ability and administrative skills. It has well equipped state-of-the-art laboratories that cater to the needs of the students. The department is actively engaged in teaching and research in the areas of Automobile Engineering and related areas. The department is accredited for three years in the year of 2018 by National Board of Accreditation.

## **Vision**

To be a forerunner in producing Competent and Responsible Engineers in the field of Automobile and Associated areas to meet the ever-changing needs of the Global Automotive Industry and the Society.

## **Mission**

Vision achieved by,

1. Providing the state-of-the-art laboratory facilities to train the learners to cater to the changing needs of the industries and the society.
2. Providing opportunities for the learners to bring out their total personality and emphasizing ethical values.
3. Preparing the learners to meet the growing challenges of the automotive industry and to fulfill the diverse societal needs of our nation.
4. Providing research and intellectual resources to address contemporary and complex problems of the industries and to advance interdisciplinary research and applications.
5. Providing compassionate and diverse environment to encourage the students to become innovators and job providers.

## **Program Educational Objectives**

**PEO1:** To apply technical and professional skills in Automobile Engineering to meet the demanding and growing challenges of the industries.

**PEO2:** To apply professional and interpersonal skills by continuously focusing on learning towards higher education and research.

**PEO3:** To direct learners to become successful entrepreneurs by inculcating professionalism, responsibility, and ethics.