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**LEARN BEYOND**  
**KPR INSTITUTE**  
of  
**ENGINEERING AND TECHNOLOGY**  
(Autonomous)  
Avinashi Road, Arasur, Coimbatore - 641 407

## EDITORIAL

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III YearMech  
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**Ms. C. Madhumithra**

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1. Faculty Publications
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# SPARK

**DEPARTMENT OF  
MECHANICAL ENGINEERING**

### VISION

To produce globally competent mechanical engineers to meet the changing needs of industries through innovative academic processes, research and value based education.

### MISSION

The Department of Mechanical Engineering is committed to,

- ❖ Provide fundamental and skill based education in mechanical engineering through innovative practices in teaching and learning
- ❖ Collaborate with reputed industries, professional bodies and research laboratories for establishing Centre of Excellence
- ❖ Imbibe ethical behavior and morality for social upliftment to uphold human values.

### PROGRAM EDUCATION OBJECTIVES (PEO)

- ❖ **PEO1:** The graduates of mechanical engineering will have a successful professional career in their related field of engineering to meet the changing needs of various stakeholders.
- ❖ **PEO2:** The graduates of mechanical engineering will involve in technology advancements through continuing education.
- ❖ **PEO3:** The graduates of mechanical engineering will practice their profession with good leadership skills and ethical values.

### PROGRAM SPECIFIC OUTCOMES (PSO)

A graduate of Mechanical Engineering should:

- ❖ **PSO 1:** Apply mechanical engineering principles to design, develop and implement advanced machine/mechanical systems or process for better performance and less human effort.
- ❖ **PSO 2:** Ensure quality by applying quality tools, maintenance principles and managerial skills to comprehend the mechanical engineering processes, products and services.

## FACULTY PUBLICATIONS

### INTERNATIONAL JOURNALS:

1. Manikandan Chinnachamy, Amirthagadeswaran Koduvayur Sankaranarayanan, Gunasekaran Nallusamy and Ravi Kumar Krishnan, Study of Ultimate Tensile Strength and Wear Rate of Squeeze Cast Al-Si-Cu Alloy with DOM and TOPSIS Approaches, Chiang Mai J. Sci. 2022; 49(4): 1233-1251, <https://doi.org/10.12982/CMJS.2022.075> Journal homepage : <http://epg.science.cmu.ac.th/ejournal/>
2. Kumar, Saurabh S., Udayakumar Magarajan, and Selvan Dharani Kumar. "Ballistic studies on Kevlar-glass fibre hybrid laminated epoxy composites." High Performance Polymers (2022): 09540083221117065. <https://journals.sagepub.com/doi/abs/10.1177/09540083221117065>

## STUDENT ACHIEVEMENTS

### STUDENT PATICIPATION

1. Ms. Dharani S, Mr. Kavin M, Mr. Madhan S P, Ms. Madhumithra C, Mr. Mathan Prasath S, Mr. Narendran Sriramoo, Mr. Pradeep Raja S, Mr. Santhosh Kumar S, Mr. Sudharsanan D, Mr. Vimal T, Mr. Vivekanandh S R, Ms. Kaviya P, Mr. Skywindurai R, Mr. Vigneshwaran S and Mr. Vijay G of III year Mechanical students participated in two day workshop on “**ARDUBOTICS ROBOTICS**” at VIT Chennai campus.

### STUDENT PLACEMENT

Placement achievement of the final year students of Department of Mechanical Engineering in various reputed company is shown below.

S.NO	NAME OF THE STUDENT	COMPANY NAME	SALARY
1.	Mr. BHARANI THARAN S	SHANTHI GEARS	2.46 LPA
2.	Mr. DILIPAN .N	SHANTHI GEARS	2.46 LPA
3.	Mr. SURIYA R	BSH CORE	4.5 LPA
4.	Mr. DHARUN VARSHAN .C.R	EXTRA MARKS	7.2 LPA
5.	Mr. GOKULNATH .R	EXTRA MARKS	7.2 LPA
6.	Mr. PARVESH AHAMED R	EXTRA MARKS	7.2 LPA
7.	Mr. ARAVINTH .A	LPT	2.4 LPA
8.	Mr. ARUNPRASAD .D	LPT	2.4 LPA
9.	Mr. DEVARAJ .C	LPT	2.4 LPA

10.	Mr. KARTHICK .B	LPT	2.4 LPA
11.	Mr. PRAVEEN S	LPT	2.4 LPA
12.	Mr. SANJAIKANNAN R	LPT	2.4 LPA
13.	Mr. KATHIR MALAVAN E	BSH	4.5 LPA
14.	Mr. LOGESH KUMAR S	BSH	4.5 LPA
15.	Mr. TANISH RASWANTH M	BSH	4.5 LPA
16.	Mr. VIMAL A P	BSH	4.5 LPA
17.	Mr. HARISH S	BSH	4.5 LPA
18.	Mr. KISHOORE U	BSH	4.5 LPA
19.	Mr. RAMESH KRISHNA D	BSH	4.5 LPA
20.	Mr. SUBRAMANIAN M	BSH	4.5 LPA