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

EDITORIAL

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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.

DEPARTMENT NEWS

PROGRAMS ORGANIZED

1. Department of Mechanical Engineering in association with the Mechanical Engineering Association organized a Webinar on “**Solar Technology – Challenges and Opportunities**” through Online using Google Meet platform on 30.10.2021. Dr. Vimal Kumar Eswarlal, CEO, Mangla Smart Enrgy Solutions (P) Limited, Tirupur was the guest speaker.


KPR Institute of Engineering and Technology
 Learn Beyond (Autonomous, NAAC "A")


 Department of Mechanical Engineering



Department of Mechanical Engineering
 Is Organizing a Webinar on

Solar Technology

Challenges and Opportunities

Guest Speaker:
Dr. Vimal Kumar Eswarlal
 CEO, Manga Smart Energy Solutions (P) Ltd,
 Tirupur.


30 October 2021
 11.00 am to 12.00 pm

Live on 





kpriet.ac.in
 /KPRIETonline

FACULTY PUBLICATIONS

INTERNATIONAL JOURNALS:

1. K. B. Prakash, Yahya Ali Fageehi, Rajasekaran Saminathan, **P. Manoj Kumar** , S. Saravanakumar, Ram Subbiah, B. Arulmurugan, and S Rajkumar, Influence of Fiber Volume and Fiber Length on Thermal and Flexural Properties of a Hybrid Natural Polymer Composite Prepared with Banana Stem, Pineapple Leaf, and S-Glass, Advances in Materials Science and Engineering, <https://doi.org/10.1155/2021/6329400>

STUDENT ACHIEVEMENTS**NPTEL ACHIEVEMENTS**

Below mentioned table shows the list of mechanical department student achievements in NPTEL course.

SL.NO	NAME OF THE STUDENT	COURSE NAME	GRADE
1	HARI KRISHNA D	Design Practice	ELITE + GOLD (Topper)
2	AATISH R K	Design Practice	ELITE + SILVER
3	ARUN PRASAD D	Design Practice	ELITE + SILVER
4	GIRISH KUMAR G	Design Practice	ELITE + SILVER
5	BALANARAYANAN T	Design Practice	ELITE + SILVER
6	DHINAKARAN K	Design Practice	ELITE + SILVER
7	KARTHIKEYAN S	Design Practice	ELITE + SILVER
8	JAYADEVA R	Design Practice	ELITE + SILVER
9	KISHORE KUMAR K S	Design Practice	ELITE
10	ASWIN SRIRAM J	Design Practice	ELITE
11	GOKULNATH R	Design Practice	ELITE
12	BHARATHWAJ P	Design Practice	ELITE
13	IMAYA GANESH S	Design Practice	ELITE
14	KISHOORE U	Design Practice	ELITE
15	AASHIK M	Design Practice	SUCCESSFULLY COMPLETED
16	JEEVAN PRASANTH S	Design Practice	SUCCESSFULLY COMPLETED
17	HARISH S	Design Practice	SUCCESSFULLY COMPLETED
18	HARI PRASANNA K S	Design Practice	SUCCESSFULLY COMPLETED
19	GOKUL M	Design Practice	SUCCESSFULLY COMPLETED
20	EMIMA C	Design Practice	SUCCESSFULLY COMPLETED
21	GOKUL R	Design Practice	ELITE
22	KARTHICK B	Design Practice	ELITE
23	RANJITH MURUGAN K	Design Practice	ELITE + SILVER
24	STEWIN S	Design Practice	ELITE
25	VIGNESH M	Design Practice	ELITE

26	SUJITH S	Design Practice	ELITE
27	MOULIDHARAN M	Design Practice	ELITE
28	SETHU P	Design Practice	ELITE
29	TANISH RASWANTH M	Design Practice	ELITE
30	MUTHURAMAN T	Design Practice	SUCCESSFULLY COMPLETED
31	ROHITH V	Design Practice	SUCCESSFULLY COMPLETED
32	NAVAYUGAN M	Design Practice	SUCCESSFULLY COMPLETED
33	THAMARAISELVAN M	Design Practice	SUCCESSFULLY COMPLETED
34	NIVETHA R S	Design Practice	SUCCESSFULLY COMPLETED

PRODUCT DEVELOPMENT

Students of Department of Mechanical Engineering designed and fabricated **12 SEATED ELECTIC VECHILE** from the scratch by completely utilizing the In house capacity.



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Mechanical Engineering
Accredited by NBA
Permanently Affiliated to Anna University, Chennai
Anna University Recognised Research Centre

Congratulations



Innovation meets Excellence

In-house 12 Seater Electric Vehicle

A batch of Students comprising 2nd Yr., 3rd Yr., & 4th Yr. of Mechanical Engineering fabricated the vehicle from a scratch to the complete EV



KPRIT supports the Sustainable Development Goals



#EVSolutions

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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	ANITH R	TCS	4 LPA
2	DHAMOTHARAN P	AVASOFT	3.5 LPA
3	HARIHARAN M G	AVASOFT	3.5 LPA
4	VARUNA S	AVASOFT	4.2 LPA
5	DHARMARAJAN M S	TCS	4 LPA
6	ARUN KUMAR A	KOVAI TECH ENGINEERS	2 LPA
7	ATHARSH KUMAAR AS	KOVAI TECH ENGINEERS	2 LPA
8	PEACE JOHN SAMUEL K	DECATHLON	2.5 LPA
9	J.YUVANPAARI	AASTRIN AVIATION	3.5 LPA
10	ARAVINTH P	TCS	4 LPA
11	TADIMARRI DINESH KUMAR REDDY	TCS	4 LPA
12	SRIRAM H	TCS	4 LPA
13	GAJENDRAN G	AASTRIN AVIATION	3.5 LPA
14	SUBHA SRI E	AASTRIN AVIATION	3.5 LPA