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

EDITORIAL

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CONTENTS



Department
Events



Faculty
Publications



Students
Achievements



Students
Placement



Students
Internship

SPARK



VISION

To be recognized as a premier centre in the field of mechanical engineering education, research and development to meet the changing needs of industry and society.

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.
- ✦ Establish centers of excellence in collaboration with reputed industries, professional bodies and research laboratories.
- ✦ Promote entrepreneurship with leadership qualities, ethics, and human values for the society at large.

PROGRAM EDUCATION OBJECTIVES (PEO)

Graduates of BE Mechanical Engineering four years after graduation will:

- ✦ **PEO1:** Excel in their professional career with competencies in the field of mechanical and allied engineering.
- ✦ **PEO2:** Apply modern research and simulation tools to solve industrial and societal needs.
- ✦ **PEO3:** Practice professional and ethical values in respective organizations and society.

PROGRAM SPECIFIC OUTCOMES (PSO)


Graduates of Mechanical Engineering should:

- ✦ **PSO 1:** Design, develop and implement advanced mechanical systems by applying engineering principles for improved performance and less human effort.
- ✦ **PSO 2:** Apply quality tools to ensure quality, articulate maintenance principles and demonstrate managerial skills to comprehend the mechanical engineering processes, products and services.

DEPARTMENT EVENTS

PROGRAMS ORGANIZED


- The Department of Mechanical Engineering organized an awareness program on GATE Examination preparation strategies for more than 25 mechanical engineering students on July 18, 2023, at Marigold, KPRIET. The primary objective of this session is to raise awareness about the GATE Examination within the student community. Our speaker, Mr. R. Manojkumar from the National Institute of Technology, Kurukshetra, delivered a talk on the specified topic. He is an alumnus of mechanical department from the 2015-2019 batch and successfully cracked the GATE exam with an All-India Rank (AIR) of 5150.



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

Department of Mechanical Engineering

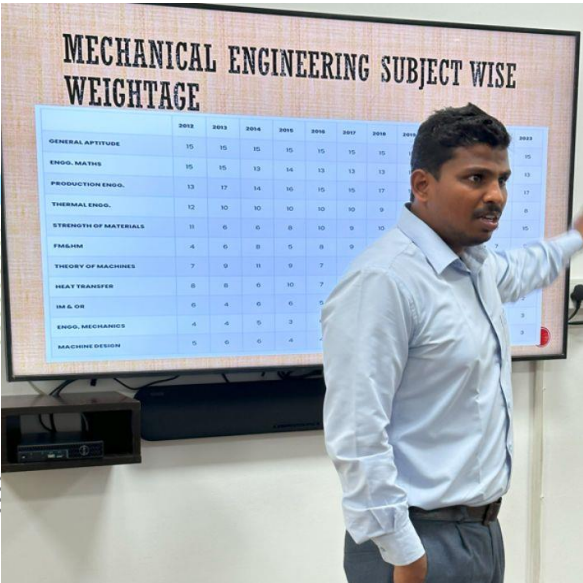
Awareness Program on
GATE Examination:
Preparation Strategies



Resource Person:
Mr. Manoj Kumar R
Pursuing M. Tech. - Thermal Engineering
NIT, Kurukshetra
GATE Rank: 5150
Mech, 2015 - 2019 Batch

Date: 18 July 2023
Time: 11:00 AM
Venue: Marigold

kpriet.edu.in
f t g /KPRIETonline



	2012	2013	2014	2015	2016	2017	2018	2019	2020
GENERAL APTITUDE	15	15	15	15	15	15	15	15	15
ENGG. MATHS	15	15	13	14	13	13	13	13	13
PRODUCTION ENGG.	13	17	14	16	15	15	17		
THERMAL ENGG.	12	10	10	10	10	10	9		
STRENGTH OF MATERIALS	11	6	6	6	10	9	10		
FRIGIM	4	6	8	5	8	8			
THEORY OF MACHINES	7	9	11	9	7				
HEAT TRANSFER	8	8	6	10	7				
IM & OR	6	4	6	6	5				
ENGG. MECHANICS	4	4	5	3					
MACHINE DESIGN	5	6	6	4					

- The Department of Mechanical Engineering organized a guest lecture on the topic "The Role of Automation in Enhancing Mobility" on July 28, 2023, in the Raagam Hall at KPRIET. The speaker for the event was Ms. Deepti Singh, who boasts a remarkable 15 years of experience at Nissan Company. During the lecture, Ms. Singh passionately delved into the pivotal role that automation plays in revolutionizing the realm of mobility. She shared her extensive knowledge and insights, shedding light on how automation is reshaping transportation, manufacturing, and various other sectors.



FACULTY PUBLICATIONS

INTERNATIONAL JOURNALS:

- Bhuvaneshwari, V., 2023. Micromechanics of Nanomaterials Based Polymer Nanocomposites. In *Mechanics of Nanomaterials and Polymer Nanocomposites* (pp. 193-211). Singapore: Springer Nature Singapore.
- Arulmurugan, B., Balaji, D., Bhuvaneshwari, V., Dharanikumar, S. and Rajkumar, S., 4D Print Today and Envisaging the Trend with Patent Landscape for Versatile Applications. *Handbook of Smart Manufacturing*, pp.201-215.
- Balaji, D., Priyadarshini, M., Arulmurugan, B., Bhuvaneshwari, V. and Rajkumar, S., Artificial Intelligence with Additive Manufacturing. In *Handbook of Smart Manufacturing* (pp. 77-91). CRC Press.
- Arulmurugan, B., Balaji, D., Bhuvaneshwari, V., Dharanikumar, S. and Rajkumar, S., 4D Print Today and Envisaging the Trend with Patent Landscape for Versatile Applications. *Handbook of Smart Manufacturing*, pp.201-215.

STUDENTS ACHIEVEMENTS

The achievements from the Department of Mechanical Engineering in various events are displayed below.



Achieved Memorial Trophy at Erode handball association

STUDENTS PLACEMENTS

The placement achievements of the students of the Department of Mechanical Engineering in various reputed companies are listed below.

S.NO	ROLL NO	NAME OF THE STUDENT	COMPANY NAME
1	20ME001	AAHASH S	MASTRO ENGINEERING
2	20ME002	ABHINAV V	BSH RD
3	20ME003	ABHINESH S	AUTODESK INDIA Pvt Ltd
4	20ME007	ARULKUMAR M	BSH
5	20ME014	BAVAN RAKESH S	LENNOX
6	20ME020	DEEPAK S R	TRIVIKRAM FLOWTECH
7	20ME021	DHANUSHH M S	TRIVIKRAM FLOWTECH
8	20ME023	DHARANI S	PROPEL
9	20ME041	KABILAN M	BSH
10	20ME058	NARENDRAN SRIRAMOO	VISION EDUCATION TRUST
11	20ME063	PRAGADEESHWARA	BULL MACHINE
12	20ME066	SABAREE R	BULL MACHINE
13	20ME067	SABARIDHARAN B	BSH
14	711321208001	AJAY M	TRIVIKRAM FLOWTECH
15	711321208005	GOKULSHANKAR K	BSH
16	711321208007	JAIVIN M	BSH
17	711321208013	MANICKAM M N	BSH RD
18	711321208014	MANIKANDAN A	PRICOL
19	711321208034	VIJAY G	BSH