




Vel Tech High Tech
Dr. Rangarajan Dr. Sakunthala Engineering College
An Autonomous Institution
(Approved by AICTE, New Delhi Affiliated to Anna University, Chennai)
DEPARTMENT OF MECHANICAL ENGINEERING


NEWSLETTER JAN TO MAR 2022


GUEST LECTURE

S.N O.	DATE	TITLE	RESOURCE PERSON	CLASS
1	17-01-2022	Thermal Hydraulics of Fast Reactors	Shri Ram Kumar Maity, Scientific Officer-F, Thermal Hydraulics Section, IGCAR – Kalpakkam, Tamil Nadu, India.	II / III Sem, III / V Sem & IV / VII Sem
2	31-01-2022	Fluid Mechanics and Machines	Dr. R. B. Anand, Professor, Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli, Tamil Nadu, India. 620015.	II / III Sem

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GUEST LECTURE ON

Thermal Hydraulics of Fast Reactors

BY



Shri Ram Kumar Maity
Scientific Officer-F, Thermal Hydraulics Section, Indira Gandhi Centre for Atomic Research – Kalpakkam, Tamil Nadu, India.

Venue: ONLINE  Google Meet

Organized by

Department of Mechanical Engineering
FOR SECOND, THIRD AND FOURTH YEAR STUDENTS
Date: 17th January 2022
TIME: 11:00 AM TO 12:00 PM

GL. NO: P. NO.



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Engineering College
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GUEST LECTURE ON

Fluid Mechanics and Machines

BY



Dr. R. B. Anand, Professor,
Department of Mechanical Engineering,
National Institute of Technology, Tiruchirappalli, Tamil Nadu, India. 620015

Venue: ONLINE (ZOOM MEET)
<https://zoom.us/j/6985444137?pwd=MVFiuExKd2F2NzNlV1Vydzh6V3RTUT09>

Organized by
Department of Mechanical Engineering
FOR SECOND YEAR /III SEMESTER STUDENTS
Date: 31st January 2022

INDUSTRIAL VISIT

Place of Visit: Cheyyar Co-Op Sugar Mills, Cheyyar.

Date of Visit: 26th March 2022.

The Department of Mechanical Engineering arranged an Industrial Visit on 26th March 2022 to Cheyyar Co-Op Sugar Mills, Cheyyar., for the VI Semester Students. Faculties Mr. R. Manjunathan, Assistant Professor , Mr. K. Mariyappan, Assistant Professor , Mr. P. Balaji, Assistant Professor and Mr. V. Yogesh, Assistant Professor, Department of Mechanical Engineering accompanied the students to the visit.

This industrial visit made the students explore the various steps involved in the Sugar manufacturing and also they learnt about the machines and their unit operations in the manufacturing of sugar.



STUDENTS CORNER

Student Participation in Conference

S. N O.	YEAR/S EM	NAME	NAME OF THE EVENT	TITLE OF THE EVENT	DATE	COMPANY/ INSTITUTE NAME
1	III/VI	Mamidi Gnanasai	Conference	International Conference On Processing And Characterization Of Materials 2022	07/03/2022 & 08/03/2022	SSN

Student Participation in Internships

S.N O	YEAR	NAME	COMPANY NAME	PERIOD	IMPACT OBSERVED
1	IV	V Ganesh	Bonfiglioli	06/12/2021 to 05/03/2022	Leared about Transmission Systems
2	IV	Ram Prakash	Bonfiglioli	06/12/2021 to 05/03/2022	Leared about Transmission Systems

FACULTY CORNER

Faculty Development Programme (FDP) Organized

S. N O.	NAME OF THE FACULTY	FDP ON	Organized by	NO OF DAYS	DATE
1	Dr.R.Anbazhagan	Modern materials, advanced technologies for the infrastructures and modeling of mechanical behavior of composite material	Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College	6	14/03/2022 to 19/03/2022

Faculty participation in Faculty Development Programme (FDP)

S. NO.	NAME OF FACULTY	FDP ON	Organized by	NO OF DAYS	DATE
1	Mr. Yogesh V	Advancements in aerospace materials: manufacturing, testing and characteristics.	Hindustan college of engineering and technology, coimbatore	5	24/01/2022 to 28/01/2022
2	Mr. Yogesh V	Modern Materials, Advanced Technologies for Infrastructure & Modelling of Mechanical Behavior of Composite Materials	Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College	6	14/03/2022 to 19/03/2022

3	Dr.R.Anbazhagan	"Experimental Investigation Of Waste Heat Recovery System Using Spiral Fin Type Heat Exchanger"	Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Chennai 603110.	2	07/03/2022 & 08/03/2022
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Faculty Publication

S. NO.	NAME OF THE FACULTY	TITLE OF THE PAPER/ BOOK/ BOOK CHAPTER	JOURNAL/ PUBLISHER	VOLUME/ ISSUE / PAGE NO./ DOI	MONTH & YEAR PUBLISHED
1	Dr.R.Suresh	Fabrication of solar air cooler with heater	International journal for science and advance research in technology	Volume 8 Issue 1	January 2022
2	Mr.P. Balaji	An experimental investigation of glass fiber with prosopis juliflora as reinforced polymer composites	International journal for research in applied science and engineering technology	Volume 10 Issue 11	February 2022
3	Mr.P. Balaji, Dr.P.Vijayasarithi	Experimental investigation of mechanical behavior of natural fiber composite	International journal for science and advance research in technology	Volume 8 Issue 2	February 2022
4	Mr.R. Manjunathan	Design and thermal analysis of single point cutting tool	International Journal of Multidisciplinary Research	Volume 8 Issue 2	February 2022

5	Mr.R. Palani	FEA Analysis and Experimental Investigation of the Ceramic Coating on Aluminum Piston Material by Plasma Spray Coating Technique	International Journal for Research in Applied Science & Engineering Technology	Volume 10 Issue 3	March 2022
6	Mr.S. Hari Krishna Raj	Processing and analysis of metal matrix composition on nanocomposite	International journal for science and advance research in technology	Volume 8 Issue 2	February 2022
7	Mr.S. Hari Krishna Raj	Fabrication and Mechanical Behaviour of Al-6061/Al ₂ O ₃ Metal Matrix Composite Fabricated Through Powder Metallurgy Technique	International Journal of Vehicle Structures & Systems (IJVSS)	volume 4 issue 1 page 47-49	January 2022
8	Mr.S. Rajamanickam	Experimental investigation on the effect of boron carbide in PMEDM of Ti-6Al-4V	International journal for science and advance research in technology	Volume 8 Issue 2	February 2022
9	Mr.S. Rajamanickam	Parametric optimization of PMEDM process with aluminum oxide powder suspended dielectric for copper electrodes	International journal for research in applied science and engineering technology	Volume 10 Issue 11	February 2022

10	Mr.T.V.B.Babu	Design and analysis of hydraulic forklift using foot operated	International journal of scientific research in engineering and management	Volume 06 Issue 03	March 2022
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