

**VALLURUPALLI NAGESWARA RAO VIGNANA
JYOTHIINSTITUTE OF ENGINEERING AND
TECHNOLOGY**

Department of Mechanical Engineering

GUEST LECTURES

AY2017-18

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/ Faculty benefited	Outcomes
1	Mr. K Radha Krishna Sastry	Manager, Training and Development, HAL, Hyderabad	Role of Materials in Mechanical Engineering	CAD/CAM LAB, VNRVJIET	27/02/2018	108	Students got an exposure to understand the list and define the Material properties and show the relationships between them.
2	Mr. K. Rakesh	Technical Head, Think 3D, Hyderabad	Advanced Applications on 3D Printing	CAD/CAM LAB, VNRVJIET	04/04/2018	120	Students understood about the process chain involved in 3D Printing.
3	Dr. Manoj Kumar Buragohain	Scientist G, ASL, DRDO, Hyderabad	Analysis of Composite Materials and Finite Element Method	D-204, APJ Abdul Kalam Auditorium, VNRVJIET	07/10/2017	49	Students got an awareness about different concepts of traditional methods to evaluate FEM.
4	Dr. C. V. Kameswara Rao	Retd. General Manager, BHEL R&D, Hyderabad	Fluid Dynamics and Fluid Analysis	Dept. of ME, VNRVJIET	16/10/2017	72	Students understood different numerical methods involved in problem solving.
5	Mr. M Murali Krishna	Managing Director, Jytra Technology Solutions Pvt. Ltd.	Design Automation using NX Software	APJ Abdul Kalam Auditorium, VNRVJIET	25/10/2017	93	Students analyzed the concepts of automation, diagnosis, error detection and recovery.

**VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
INSTITUTE OF ENGINEERING AND TECHNOLOGY
Department of Mechanical Engineering
GUEST LECTURES**

AY2018-19

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/ Faculty benefited	Outcomes
1	Mr. B. Nagabushana Reddy	Managing Director, Nagasai Precision Engineers Pvt. Ltd., Hyderabad.	Design and Manufacturing of precision components to Defence & Aerospace	APJ Abdul Kalam Auditorium , VNRVJIE T	22/01/2019	73	Students gained knowledge about the precision of components used in the Defence & Aerospace
2	Mr. Rajesh Pandey	Managing Director, Schnieder Electric, Hyderabad	Thermal Power Plant Process	CAD/CAM LAB, VNRVJIE T	26/09/2018	58	Students were made aware about the different types of power plant layouts
3	Dr. N. Kishore Nath	Project Director, Advanced Systems Laboratory (ASL), DRDO, Kanchan Bagh, Hyderabad-500 058	Rocket propulsion systems, Aerospace Control Systems	CAD/CAM LAB, VNRVJIE T	29/01/2019	125	Students learned about the basics of jet and Rocket Propulsion.
4	Mr. Yogendra Srivastava	Director, VSD Technologies, Hyderabad.	Materials and Decision making in Additive Manufacturing	CAD/CAM LAB, VNRVJIE T	18/04/2019	114	Students were made familiar to the liquid and solid characteristics in Additive Manufacturing

**VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
INSTITUTE OF ENGINEERING AND TECHNOLOGY
Department of Mechanical Engineering**

**GUEST LECTURES
AY2019-20**

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/ Faculty benefited	Outcomes
1	Sri. L. V. Ramprasad	Ex. Senior Engineer, GE India Technology Centre, Bangalore.	Refrigeration and Air Conditioning	CAD/CAM LAB, VNRVJIET	24/12/2019	166	Students understood the performance of vapor compression and vapor absorption system.
2	Dr. Chaman Chandel	Deputy Director, RDC SASE (DRDO), Chandigarh	Micro Mechanical Analysis of Deformation and Failure	CAD/CAM LAB, VNRVJIET	28/12/2019	31	Students Predicted the modes of failure in materials or machine elements caused by different types of loads under operation.
3	Dr Srinivasa Rao Perla	Global Head, Technical Training, Cyient Limited, Hyderabad	Industry4.0/5.0 (Evaluation of connected factories)	CAD/CAM LAB, VNRVJIET	29/05/2021	16	Students enhanced their knowledge about the Fourth Industrial Revolution, commonly known as Industry 4.0, appears to be changing the way business's function and, by extension, the stakes by which they are forced to compete.

**VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
INSTITUTE OF ENGINEERING AND TECHNOLOGY
Department of Mechanical Engineering
GUEST LECTURES**

AY2020-21

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/ Faculty benefited	Outcomes
1	Dr. PadmajaK	Ex- Agri-Scientist, Hyderabad.	An overview of the environment around us	Dept. of ME, VNRVJIET	26/06/2021	49	This lecture taught students to conduct research and build autonomous learning abilities based on their surroundings.
2	Mr. Punduru Srinivasa Rao	Associate Professor, MGIT, Hyderabad	Engineering Mechanics	Dept. of ME, VNRVJIET	23-06-2021	36	Students learned how to solve particle mechanics issues using the principles of kinematics, kinetics, and work power energy.
3	Dr. Srinivasa rao Perla	Global Head technical Training - Cyient Limited, Hyderabad	Industry 4.0/5.0 (Evolution of connected factories)	Dept. of ME, VNRVJIET	29-05-2021	16	Students were exposed to Industry 5.0, which intends to reenergize the drive for industrial digitization by transferring the focus of innovation to human operators, operational resilience, and true sustainability goals.
4	Dr. G. Raghavendra	Assistant Professor, NITW	Nano Composite Materials	Dept. of ME, VNRVJIET	27-05-2021	120	Students become familiar with the use of this technology seeks to combine all core areas of science, including chemistry, physics, biology, and material science.
5	Dr. Mohd zaheer Khan	Associate Professor, Department of Mechanical Engineering, IIT (BHU)	Advances in Friction Stir Processing	Dept. of ME, VNRVJIET	28-01-2021	118	Students had an idea of Friction stir welding (FSW), which is a solid-state joining technology that was developed for a variety of materials, including metals and metal alloys.

**VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
INSTITUTE OF ENGINEERING AND TECHNOLOGY**

Department of Mechanical Engineering

GUEST LECTURES

AY2021-22

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/ Faculty benefited	Outcomes
1	Mr. Pavan Kalyan	Associate Engineer, Indian Institute of Drones, Hyderabad	Emerging Trends in the drone industry and job prospects and Demonstration on working of Drone	APJ Abdul Kalam Auditorium, VNRVJIET	22/09/2021	54	The participants acquired knowledge on the basics of Drones
2	Mr. Kausthub Kaundinya	Founder (Alumni & Entrepreneur Mechanical Engineering), Jarsh Innovations Hyderabad	Innovative Product Development for Becoming an entrepreneur	APJ Abdul Kalam Auditorium, VNRVJIET	06/10/2021	100	Students were motivated to inculcate the skills needed in any professional role and to consider intrapreneurship or entrepreneurship as career choices for personal and societal growth.
3	Dr Srinivas Rao Perla,	Senior Manager, Cyient Limited, Hyderabad	Industry 4.0/5.0 (Evolution of connected factories)	Zoom Meeting (Online)	04/12/2021	80	Students were acquainted with the Fourth Industrial Revolution, commonly known as Industry 4.0.
4	Mr. Harish Beeram	Alumni	Top 3 Areas of Software UX Design and Elio Smart Adaptation Innovative Smart Wheelchair of the Future	APJ Abdul Kalam Auditorium, VNRVJIET	10/12/2021	35	Students understood and practiced modelling and simulation
5	Mr. Mayank VIG	Alias Moduler Transportation Designer, Skillaid, Hyderabad	AutoCad Alias	P.D.P CAD LAB, VNRVJIET	29/03/2022	71	Students were made aware about the ways in which 2D sketches and 3D models – solid and surface are made using appropriate CAD package.

**VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
INSTITUTE OF ENGINEERING AND TECHNOLOGY
Department of Mechanical Engineering**

**GUEST LECTURES
AY2022-23**

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/ Faculty benefited	Outcomes
1	Dr. Siva Prasad	Rtd. Scientist - ISRO	Space Education Program on Rocket Science	D-313	18-03-2023	71	Students were acquainted with Analyze spacecraft orbits and fuel requirements, evaluating the costs and benefits of diverse rocket engines and designs.
2	Mrs D. Lakshmi,	Kukatpally zone coordinator for heartfulness meditation, Heartfulness meditation Institute	A Session on Heartfulness Meditation	D-313	05-01-2023	42	Gained exposure to resources provided by Heartfulness to help continue your journey. Understood the concepts behind Heartfulness practices.
3	Sri. L. V. Ramprasad,	Founder and CEO of R&AC Academy, Hyderabad	Raising Industry Proficient Engineers (R.I.P.E.) program	D-313	27-10-2022	44	The participants got awareness on optimize Production Processes Strive to enhance your ability to analyze and improve production processes.
4	Mr. Ashish,	Product Manager, Google, India	Sahaja Yoga	D-301	04-08-2022	33	Sahaja Yoga is built upon a set of guiding principles that help practitioners attain self-realization and lead a balanced life.
5	Mr. Uday Shankar Peyyeti	Vice President, Sales & CSR,	Sahaja Yoga	D-305	03-08-2022	43	

**VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
INSTITUTE OF ENGINEERING AND TECHNOLOGY**

Department of Mechanical Engineering

GUEST LECTURES

AY2023-24

S. No.	Name of the Resource person	Designation & Organization	Topic	Venue	Date	No. of students/ Faculty benefited	Outcomes
1	Prof. Brian Rodriguez	Professor School of physics, University College, Dublin.	Nano-bioscience	D-302	07-02-2024	101	Got exposure in nanobiology involve applying nanotools to relevant medical/biological problems and refining these applications.
2	Mr. Subbadarshanam	Founder of Wingex Sweft	Latest Technologies in digital modeling and Manufacturing & 3d printing	D-320	21-11-2023	103	Students understood about the creation of a 3D printed object is achieved using additive processes.
3	Mr. Prof. krithi Chandra Sahu	Department of Chemical Engineering IIT Hyderabad Office: Academic Block A-508 Kandi, Sangareddy – 502284.	Droplet size distribution using in-line holography and machine learning	B-Block	11-07-2023	62	Got an exposure about how the droplet size distribution is a critical factor in bigel formulations for drug absorption and colloidal stability.