

Workshops and Expert Lecture

1. Expert Lecture on “Advancement in Engineering Materials and its applications”

Department of Mechanical Engineering, Faculty of Engineering and Technology, Rama University, Mandhana Kanpur organized a **Expert Lecture by Mr. Ajitendra Singh Parihar Scientist `E` from DMSRDE, Kanpur on “Advancement in Engineering Materials and its applications”** for their students of M.Tech, B.Tech and Diploma on Friday, 22nd Feb 2019. A composite material is made by combining two or more materials – often ones that have very different properties. The two materials work together to give the composite unique properties. However, within the composite you can easily tell the different materials apart as they do not dissolve or blend into each other.





2. Workshop : Design Thinking and critical problem solving

(17.04.2019) by Mr Shankalp Bhargav

Design Thinking is a design methodology that provides a solution-based approach to solving problems. It's extremely useful in tackling complex problems that are ill-defined or unknown, by understanding the human needs involved, by re-framing the problem in human-centric ways, by creating many ideas in brainstorming sessions, and by adopting a hands-on approach in prototyping and testing. Understanding these five stages of Design Thinking will empower anyone to apply the Design Thinking methods in order to solve complex problems that occur around us — in our companies, in our countries, and even on the scale of our planet.



3. Workshop :Automation in Industrial application via CNC Machine.

(18.04.2019) Mr Surjeet Srivastava

For machine control, the embedded automation system is used to perform a range of tasks within industrial equipment, such as maintaining fluid flow rates in a CNC machine, controlling assembly line speeds, and automatically adjusting gear ratios in motor driven processes



Skype Lecture on “Application of Composite”

Mechanical Engineering Department organised a Skype Lecture on 26th Aug 2019 at 12:00 noon. The Expert Dr. Ankur Bajpae Ph.D. from Technical University of Kaiserslautern, Germany gave a motivating lecture basic of *Composite materials with special focus on “Modification of Epoxy Systems for Mechanical Performance Improvement”*.



Expert Lecture conducted on “Innovation in Design”

As per Academic requirements and Students Enrichment Program, Mechanical Engineering Department organised an **Expert Lecture** on **24th February 2020** at **02:00 p.m.** The Expert (**Prof.) Dr. J. Ramkumar, (Associate Dean & Prof.),** Mechanical Engineering Department, **Indian Institute of Technology (IIT-K), Kanpur** gave an interesting and motivating lecture on **“Innovation in Designing”**.

Student from 2nd year onward of B.Tech Mechanical and Diploma Mechanical and Automobile Engineering took active participation in the lecture.



