

ASSOCIATION EVENTS 2019- 2020

NATIONAL LEVEL TECHNICAL SYMPOSIUM MACH 20

The Mechanical Engineering Symposium provides an unparalleled opportunity to an individual to increase the depth of his scientific knowledge. The seminars offer an ideal platform to initiate interdisciplinary work cutting across boundaries. The department maintains a very vibrant academic atmosphere through various academic initiatives. National Level Technical Symposium MACH 2020 which was presided over by Honorable Chairman, Vice Chairman, Managing Director, Chief Financial Officer, Respected Principal, Heads of the Department, Event Coordinators. Shri.P.Pandarm, Senior Scientific Officer, Nuclear Power Plant, Koodankulam had kindly consented to be the guest of MACH 2020. Chief Guest address was given by Shri.P.Pandarm, Senior Scientific Officer, Nuclear Power Plant, Koodankulam about recent trends in Automobile field and motivated the audience to gain more knowledge. Through their way of presentation, they made an impact in engineering education among students. He also encouraged students to elicit innovative ideas and develop their skills by participating in various events to emerge successful in their focused areas. Events like WATER BALLOON, ART FROM WASTE, AQUA JET, PAPER PRESENTATION, TECH QUIZ, PROJECT EXPO, ENGINE ASSEMBLY, JENGA, MR. MACH, CAD MASTERS were conducted. Students participated in large number with enthusiasm. Different committees comprising of students, supporting faculty members formed to conduct the symposium. Faculty members of the department monitored the events and selected the winners. Prizes and Certificates were issued for winners and runners of each event. The certificates for winners were given in the end of the day by the Principal and Head of the Department.



SEMINAR ON GEOMETRIC MODELLING

Department of Mechanical Engineering of Rohini College of Engineering and Technology organized a one-day seminar on Geometric Modelling for III Year Mechanical Engineering students

on 30.01.2020 in the Imperial Hall. The function was inaugurated by Principal Dr.R.Rajesh. Dr. Prince SahayaSudharson, Head of the Department Mechanical Engineering.

Mr.Rajakumar and Mr.V.P.PrawynJeba, AP/Mechanical made the arrangements for the seminar. Ms.Subiksha (III-Mech-C) delivered the welcome address. Mr.Selvaraj, MD- Trio CADD who was the Chief Guest of the event was introduced to the students by Dr. Prince Sahaya Sudharson. The Chief Guest gave a detailed explanation about Geometric modelling and CAD Standards. It gave a great impact to the students about the use of software in the mechanical field. He concluded the speech about discussing the need and roles of a mechanical engineers in the field of design and manufacturing. Session was quiet interactive and students were able to gain and clarify the queries. About 149 students attended the seminar along with the faculty members. The event ended with a vote of thanks by Ms. SathyaSree (III-Mech-C).

GUEST LECTURE ON NON DESTRUCTIVE TESTING

The department of Mechanical Engineering of Rohini College of Engineering and Technology organized a Guest Lecture on “NON DESTUCTIVE TESTING QA/QC” on January 30th, 2020 for the IV-year mechanical students. The function inaugurated by Principal Dr.R.Rajesh and Dr. Prince SahayaSudharson, Head of Mechanical Engineering Department, Mr.NavinJass, Mr.Abilesh and Mr.Stanly AP / Mech are the faculty advisors who arranged this session. Mr. Aswin, student of final year A section delivered the welcome address to the gathering.

Mr.BasilGeorge,M.Tech , QC Engineer having six years’ experience in offshore/onshore Oil & Gas field was the Guest Speaker of this event and he was introduced to the gathering by Dr.D.PrinceSahayaSudharson, HOD/MECH. The Speaker made the students to have a deep understanding on the basic concepts of Testing and also explained the importance and types of Non-Destructive Testing (NDT). He explained that NDT does not permanently alter the article being inspected; it is a highly valuable technique that can save both money and time in product evaluation, troubleshooting, and research. Then, He explained that NDT covers a wide range of industrial activity, with new NDT methods and applications, being continuously developed. He also gave information about the ongoing researches on Non-Destructive Testing and made the students aware about the future scope in this domain. He concluded his lecture by a discussion of research project related to NDT. Around 102 students got benefited by this event and they found it to be extremely informative. After the first session, quiz was conducted regarding the NDT techniques explained along with QA/QC by the experts. The experts have promised to sponsor one certification Course for the top five students of the department.

National Level Technical Seminar on Advanced Research in Materials Science ARMS-19



Department of Mechanical Engineering organised the National Level Technical Seminar on Advanced Research in Materials Science ARMS-19 on 10th August 2019. Consecutively, this seminar was conducted to equip the students with the basics of modelling and simulation study using computational tools and its application in material science research and industry. The program started at 10am with the Tamilthavazhathu. The light and brightness are always equated with positivity and motivation. Therefore, in the outset of the program the traditional lamp was lit by the Chief Guest, Principal, HODs and students.

As usual presidential address was given by Dr.R.Rajesh,Principal of RCET and the gathering was welcomed and chief guest was introduced by Dr.S.INDRAN, Head of Mechanical Engineering. This one day National Level Technical Seminar on Advances in Material Science was taken into limelight by the chief guest Dr.S.S.SARAVANAKUMAR, Associate Professor- Mechanical Engineering and guest of honour Prof.SENTHAMARAIKANNAN, Assistant Professor, Department of Mechanical Engineering, Kamaraj College of Engineering and Technology, Virudhunagar.

Dr.S,S.Saravana Kumar discussed about the skill set expected by top companies, Insights of Mechanical Engineering Industry, Compensation you can expect and finally the higher education opportunities after completion of the degree.

Prof.Senthamaraikannan in his talk highlighted about the need of Research in the field of Mechanical Engineering and the gap that exists for unemployment problem.

Technical session happened with huge participation. During the valedictory session, the prize winners were rewarded for their performance. Students and faculties got aware of recent trends and research gaps in composite materials. Also got knowledge in Natural fibre composites. Programme got concluded with feedback session and vote of thanks.