

Webinar Report

Topic : "Research Projects and Opportunities in Mechanical Engineering"

Date : 24/01/2023

Dr. Sandeep Patil, Director India office at RWTH International Academy, Germany, conducted a webinar on "Research Projects and Opportunities in Mechanical Engineering" on 24th January 2023. The webinar was organized by the Research and Development Cell of Indira College of Engineering and Management and was attended by all faculty members and researchers of Mechanical Engineering department.

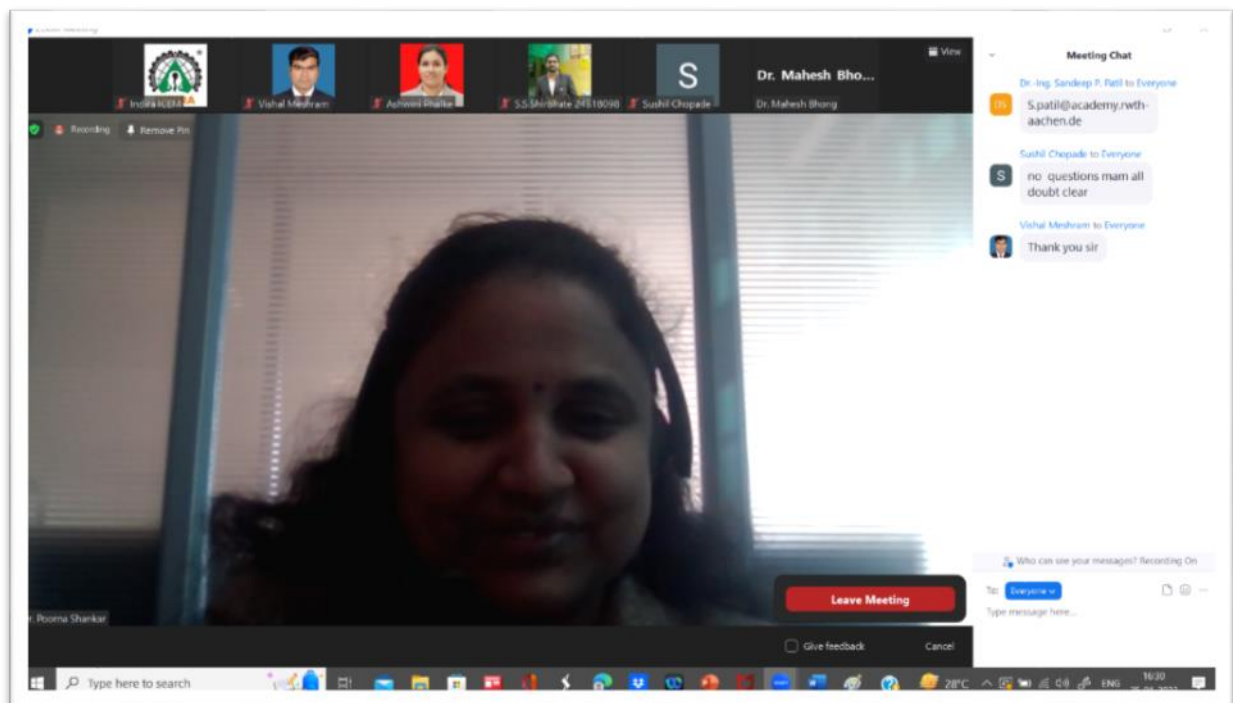
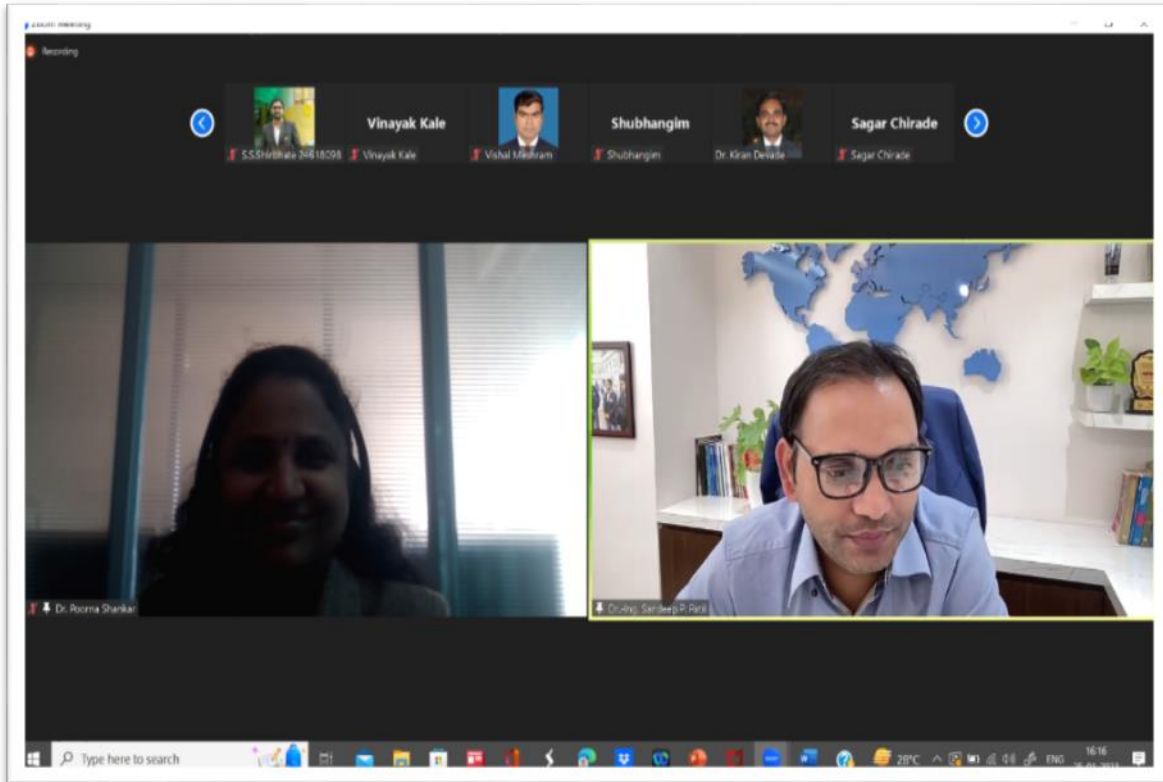
Dr. Patil started the webinar by introducing the RWTH International Academy and the research opportunities available in mechanical engineering. He shared that RWTH Aachen University is one of the top-ranked technical universities in Germany and has a strong focus on research and innovation. He highlighted the importance of research in mechanical engineering and how it can help in solving real-world problems.

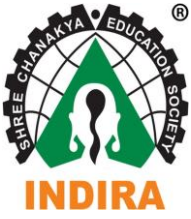
Dr. Patil discussed the various research projects currently being undertaken at RWTH Aachen University. He shared that the university has a strong focus on sustainability and is working on projects related to renewable energy, energy storage, and energy efficiency. He also discussed research projects related to lightweight materials, automation, and robotics, which have significant applications in various industries such as automotive, aerospace, and manufacturing.



Dr. Patil also discussed the different research groups at RWTH Aachen University, such as the Institute of Automotive Engineering, Institute of Applied Mechanics, and Institute of Machine Tools and

Production Engineering. He explained the research areas and ongoing projects in each of these groups and encouraged the students to explore the opportunities available





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(Id-No. PU/PN/Engg/282/2007)

During the Q&A session, Dr. Patil answered several questions related to the admission process, scholarships, and the eligibility criteria for research positions at RWTH Aachen University. He also shared tips on how to prepare a strong application for research positions and emphasized the importance of having a clear research plan. Dr. Poorna Shankar, Dean R&D expressed her gratitude to Dr. Sandeep Patil for sparing his precious time and interactive with the faculty regarding the research avenues in mechanical engineering.

In conclusion, the webinar on "Research Projects and Opportunities in Mechanical Engineering" conducted by Dr. Sandeep Patil was highly informative and provided valuable insights into the research opportunities available at RWTH Aachen University. The webinar helped the participants to understand the importance of research in mechanical engineering and how it can contribute to solving real-world problems. The attendees were motivated to explore the research opportunities at RWTH Aachen University and enhance their research skills.

Dr. Poorna Shankar
Dean, R&D

Date: 24/1/2023

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