A One Day Online Workshop on "Important aspects of Patenting and Effective skills for Research Publication in Capstone Project" For Third Year Diploma Students of Mechanical Engineering organised by Department of Mechanical Engineering, MET's Institute of Technology-Polytechnic, Nashik on Friday, 27<sup>th</sup> October 2023.

### **Session 1:** Importance of Patents and Innovation in Capstone Projects

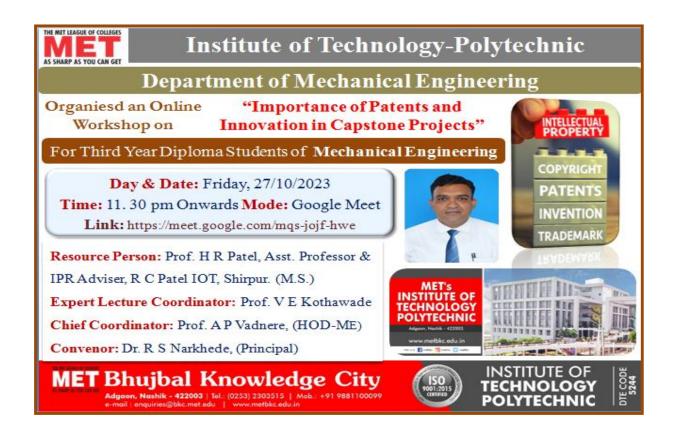
**Duration:** 27 October 2023, (11.00 am to 1.00 pm)

Mode: Google Meet: Link: https://meet.google.com/mqs-jojf-hwe

**Venue:** Mechanical CADD Lab (2<sup>nd</sup> Floor)

**Resource Person:** Prof. H R Kumavat, Asst. Professor, IPR Adviser, R. C. Patel Institute of Technology,

Shirpur.



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**Session 2:** Effective Skills for Research Publications

**Duration:** 27 October 2023, (1.30 pm to 3.30 pm)

Mode: Google Meet: Link: https://meet.google.com/mqs-jojf-hwe

**Venue:** Mechanical CADD Lab (2<sup>nd</sup> Floor)

Resource Person: Dr. Shubham Suryawanshi, Associate Professor, MET IOE, Nashik.

Benefitaries: TYME (ME5I) Students of AY 2023-24

Coordinator: Prof. V E Kothawade, LME

Chief Coordinator: Prof. A P Vadnere, HOD-ME



An Online Workshop on "Importance of Patents and Innovation in Capstone Projects" For Third Year Diploma Students of Mechanical Engineering organised by Department of Mechanical Engineering, MET's Institute of Technology-Polytechnic, Nashik on Friday, 27<sup>th</sup> October 2023 (11.00 am Onwards)

## **About Workshop:**

Intellectual property rights (IPR) are the primary weapons for defending unique and inventive concepts and methods. Patents, copyright, designs, and trade secrets are a few examples of these rights. The traditional method for safeguarding practical innovation is patent protection. The purpose of the patent system is to encourage inventors to devote time and resources to creating new technologies and goods by providing exclusive rights to a work. The importance of IPR has significantly increased as technology. In general, capstone projects are made to encourage diploma students to think critically, work through difficult problems, and develop skills like oral communication, public speaking, methods of inquiry, digital literacy, group collaboration, planning, self-independence, or goal setting-i.e., abilities that will help them get ready for university, contemporary careers, and their futures. The majority of the time, the projects is also multidisciplinary in the sense that they call on students to use their knowledge and skills in a variety of fields or knowledge domains. Additionally, capstone projects frequently urge students to relate their work to local problems or challenges and to incorporate learning experiences gained outside of the classroom, such as internships, scientific fieldwork, or interviews. Therefore, by patenting their ideas, diploma students should be able to utilize their creativity and invention in their capstone project work. Keeping all these important aspects in mind, Department of Mechanical Engineering, of MET's Institute of Technology-Polytechnic, Nashik has organised a seminar on "Importance of Patents and Innovation in Capstone Projects" for Third Year Diploma Students of Mechanical Engineering.

# **Glimpses of Session 1**









An Online Workshop on "Paper Publications and Publication Ethics" For Third Year Diploma Students of Mechanical Engineering organised by Department of Mechanical Engineering, MET's Institute of Technology-Polytechnic, Nashik on Friday, 27<sup>th</sup>
October 2023 (1.30 pm Onwards)

### **About Workshop:**

It takes a lot of reading, writing, and revising to develop the requisite talent of scientific writing. Scientific writing can be found in a variety of formats, including project reports, dissertations, and scientific journal articles. The objective of this workshop is to provide diploma students with the fundamental knowledge and abilities needed to write and publish a scientific paper in a peer-reviewed publication. The workshop will help the participants to understand how to draft a scientific paper, become familiar to construct an argument in a scientific manuscript, do effective literature search and review, manage references using different software, understand authorship, plagiarism and ethics in publication.

#### **Objectives of Seminar:**

- [1] To make the diploma students aware of their scientific writing and documentation skills.
- [2] To understand the procedure for writing a scientific paper with publication ethics.

