



SKN SINHGAD COLLEGE OF ENGINEERING KORTI, PANDHARPUR-413304

DEPARTMENT OF MECHANICAL ENGINEERING VOLUME 10, ISSUE-1, DECEMBER 2022

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VISION

“To be a leading technical education and research centre in mechanical department to produce competent professionals with ethical standards for betterment of industry and society”.

MISSION

M1:To Impart quality technical education through effective teaching learning process, faculty empowerment and conducive learning environment to develop competent professionals.

M2:To Create research environment and develop industry-academia interactions to face the emerging technological challenges.

M3:To Enhance managerial skills, team spirit, and self-discipline through co-curricular, extra-curricular activities and project based learning.

M4:To Inculcate professional and human values to create awareness about environmental and social issues.

“ELECTRIC VEHICLES”

On 04/06/2022, more than 82 students of SY B.Tech. from the Department of Mechanical Engineering participated in a lecture on Electric Vehicles. The event began with Prof. S. R. Koli welcoming the guest, Er. Suraj Doke, and Prof. P. P. Kulkarni introducing him. In his lecture, Er. Suraj Doke discussed various topics such as the need for electric vehicles, batteries, and related processes. He also touched on the economic benefits to the nation and proposed solutions to address the challenges of industry requirements. Er. Doke provided an in-depth and thorough explanation of electric vehicle practices.

Prof. S. R. Koli also addressed the students during the session. The event concluded with Prof. P. P. Kulkarni expressing a vote of thanks.



CREATIVE PROJECTS AND PATENT FILING



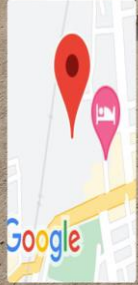
DEPARTMENT OF MECHANICAL ENGINEERING

A guest lecture on Creative Projects and Patent Filing was conducted by Dr. Suhas Khambe on 23/03/2022. More than 100 students from TY B.Tech. and Final Year B.Tech. of the Departments of Mechanical Engineering and Civil Engineering participated in the session. The event began with Prof. Dr. S. S. Kulkarni welcoming the guests, Dr. B. D. Kelkar and Dr. Suhas Khambe, by offering a flower pot, while Prof. D. R. Giram introduced the guests. During the lecture, Dr. B. D. Kelkar discussed various topics such as innovative ideas, the economic benefits to the nation, solutions to societal problems, and conventional projects. Dr. Suhas Khambe then provided an in-depth and thorough explanation of the procedures and norms for patent filing and intellectual property rights (IPR). He emphasized the importance of understanding the patent process and how it protects inventors.

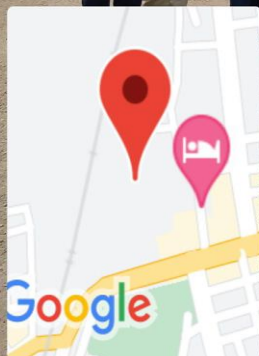


Inventions are the bedrock of innovation. An invention is a new solution to a technical problem and can be protected through patents. Patents safeguard the interests of inventors whose technologies are truly groundbreaking and commercially successful, ensuring that they can control the commercial use of their invention. In addition to recognizing and rewarding inventors for their commercially successful technologies, patents also provide valuable information to the world. To gain patent protection, an inventor must offer a detailed explanation of how their invention works. Every time a patent is granted, the amount of technological information freely available to the general public expands, contributing to future innovations. Our Head of Department, Dr. S. S. Kulkarni, also addressed the students during this session. The event concluded with Prof. Dr. B. S. Gandhare expressing a vote of thanks.

INDUSTRIAL VISIT S. T. BUS WORKSHOP PANDHARPUR



Pandharpur, Maharashtra, India
M8GG+F93, Bhosale Nagar, Pandharpur, Maharashtra
413304, India
Lat 17.676321°
Long 75.325864°
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“INNOVATION IN HYBRID & ELECTRIC VEHICLES”

The Department of Mechanical Engineering organized a guest lecture by Er. Somnath M. Pise on the topic “Innovations in Hybrid and Electric Vehicles” on 13/09/2022. More than 70 students from TY B.Tech. in the Department of Mechanical Engineering participated in the event.

The session began with Prof. Dr. S. S. Kulkarni welcoming the guest, Er. Somnath M. Pise, by offering a flower pot, and Prof. S. R. Koli introducing the guest. During the lecture, Er. Somnath M. Pise discussed various topics such as innovative ideas, the economic benefits to the nation, solutions to societal problems, and the role of conventional electric vehicles.

Er. Pise also provided a detailed explanation of the procedures and norms for electric and hybrid vehicles. He addressed the intricacies of both technologies thoroughly. Dr. S. S. Kulkarni, the Head of the Department, also spoke to the students during the event. The session concluded with Prof. D. R. Giram delivering the vote of thanks.

