



SKN SINHAGAD COLLEGE OF ENGINEERING

Mechanical Engineering Department

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The Department of Mechanical Engineering has organized a guest lecture by Er. Suraj Doke on the topic

“Electric Vehicles”

on 04/06/2022. In this, more than 82 students of SY B.Tech. of Department of Mechanical Engineering have participated. At start, Prof.S R.Koli has welcomed Guest Er..Suraj Doke by welcome and Prof. P.P.Kulkarni has introduced the guest. In this lecture, Er..Suraj Doke has discussed various topics need of electric vehicles, batteries, processes, Economical Benefits to Nation, Solutions for problems of requirement. Er..Suraj Doke introduced about practices of electric vehicles, deeply and thoroughly. Our staff Department Prof.S.R.Koli also addressed the students on this occasion. At the end, Prof. Prof.P.P.Kulkarni, has expressed vote of thanks



Mr.Suraj Doke Demonstrating Parts of Electric Vehicle

“Creative Projects and Patent filing”

Dr.Suhas Khambe ,, on 23/3/2022. More than 100 students of TY B.Tech. & Final Year B.Tech. of Department of Mechanical Engineering and Civil Engineering have participated.

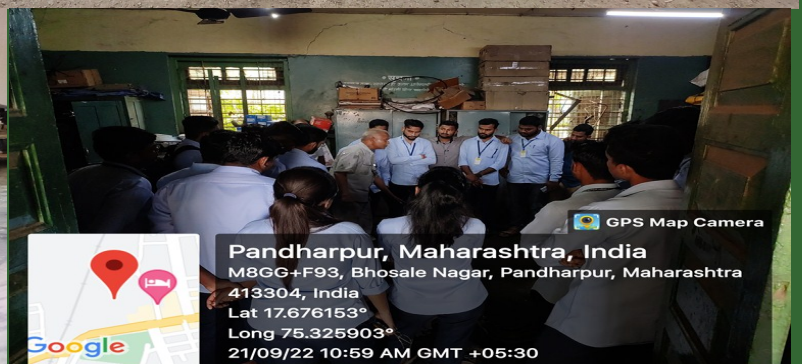
At start, Prof. Dr.S.S.Kulkarni has welcomed Guest Dr.B.D.Kelkar and Dr.Suhas Khambe by offering Flower-Pot and Prof. D.R.Giram has introduced the guest. In this lecture, Dr.B.D.Kelkar has discussed various topics like innovative simple ideas, Economical Benefits to Nation ,Solutions for problems of society,Conventional projects. Dr.Suhas Khambe introduced about procedures and norms for Patent filing and IPR deeply and thoroughly. Our Head of Department Dr.S.S.Kulkarni also addressed the students on this occasion. At the end, Prof. Dr.B.S.Gandhare has expressed vote of thanks.



Guest lecture on Creative Projects and Patent filing by Dr.B.DaKelkar

Inventions are the bedrock of innovation. An invention is a **new solution to a technical problem** and can be protected through **patents**. Patents protect the interests of inventors whose technologies are truly groundbreaking and commercially successful, by **ensuring that an inventor can control the commercial use of their invention**. In addition to recognizing and rewarding inventors for their commercially successful technologies, patents also tell the world about inventions. In order to gain patent protection for their invention, the inventor must provide a detailed explanation of how it works. In fact, every time a patent is granted, the amount of **technological information** that is freely available to the general public expands

Glipse of Industrial Visit at S.T BUS Workshop Pandharpur



“Innovations in Hybrid and Electric Vehicles”



The Department of Mechanical Engineering has organized a guest lecture by Er. Somnath M. Pise on the topic “Innovations in Hybrid and Electric Vehicles” on 13/9/2022. In this, more than 70 students of TY B.Tech. of Department of Mechanical Engineering. At start, Prof. Dr.S.S.Kulkarni has welcomed Guest Er. Somnath M. Pise by offering Flower-Pot and Prof. S.R.Koli has introduced the guest. In this lecture, Er. Somnath M. Pise has discussed various topics like innovative simple ideas, Economical Benefits to Nation ,Solutions for problems of society, Conventional electric vehicles. Er. Somnath M. Pise introduced about procedures and norms for Electric and hybrid vehicles deeply and thoroughly. Our Head of Department Dr.S.S.Kulkarni also addressed the students on this occasion. At the end, Prof. D.R.Giram has expressed vote of thanks.

The release of the first hybrid electric vehicles in the United States marks the start of a revolution. Hybrid vehicles are electric cars that utilize small internal-combustion engines and an electric generator. The advantages of this concept are clear: increased fuel efficiency and reduced levels of pollution without the complications and maintenance requirements of a purely electrical-powered vehicle. This article provides some history on the hybrid concept as well as a survey of the innovative systems that have been developed in hybrid science. Current releases by Honda and Toyota are briefly examined. Recently there has been much excitement regarding the release of the first hybrid electric vehicles into the American consumer market. It may seem as though the hybrid concept is relatively new to the automobile industry, but this is untrue.