



About the Institute

BIT, Sindri was started as College of Mechanical and Electrical Engineering in 1949. The institute grew and flourished rapidly during the early days under the dynamic leadership of Prof. D. L. Despande, Director, who is regarded as the architect of the institute. The institute is located at a distance of 28 kms from

Dhanbad railway station linked by rail as well as road. It has a sprawling campus of about 450 acres of land near the eastern bank of river Damodar. The institute is fully residential for students as well as teaching and non teaching staff. The institute is administratively controlled by department of Science and Technology, Government of Jharkhand and academically, it is affiliated to Jharkhand University of Technology, Ranchi for conducting examinations and awarding degrees. All courses are approved by AICTE and most of the undergraduate programs are accredited by the NBA.

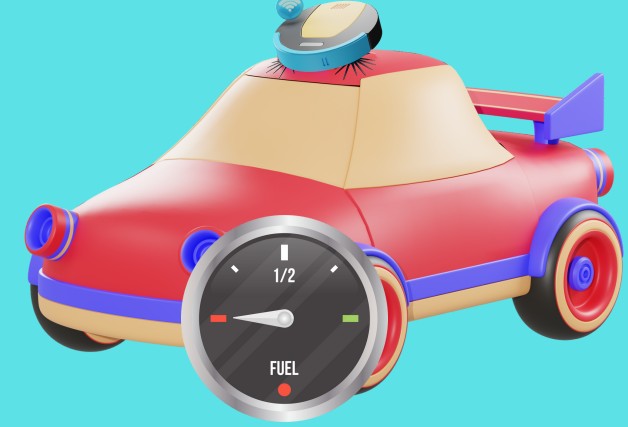
The main aim of the institute is to provide valuable human resources for the industry and society through excellence in technical education and research for sustainable development. The college offers B.Tech courses in 10 disciplines of engineering namely Mechanical, Electrical, Metallurgy, Production & Industrial, Chemical, Electronics & Communications, Civil, Mining, Computer Science, and Information Technology besides ten M.Tech specializations and Doctorate. The college possesses modern amenities which include multimedia auditoriums, seminar rooms, class rooms, a state of-the art well-stocked rich E- library, well-equipped modern laboratories and campus wide network & State of Art Siemens lab which is regarded as Centre of Excellence to meet the industry 4.0 demand.

About the Department (NBA Accredited)

The Department of Mechanical Engineering was started in the year 1949 when the institute was born. The department offers four years B.Tech degree course with an annual intake of 105 students. Two years postgraduate program is also offered leading to M.Tech degree with specialization in Heat Power Engineering, Machine Design and Production Technology. The annual intake in the postgraduate program is 75. The department has well equipped laboratories required for undergraduate and postgraduate programs

Vision Of Department

To provide valuable resources for industry and society through excellence in technical education and research in mechanical engineering with moral values for the economic and sustainable growth of the country.



One Week Virtual Workshop on Electric vehicle Systems

**8-12 August
2022**

Organised by

**Department of Mechanical Engg
Birsa Institute of Technology
Jharkhand-828123 (INDIA)
www.bitsindri.ac.in**



&

Skyy Rider Institution



Objective

The Workshops Aims to bring together experts from Industry and Academia to share their Knowledge related to emerging Areas in Electrical Vehicle System

Program Specific Outcome

Participants of this Workshop are expected to gain the knowledge On onboard battery charger for EV and able to Understand Fundamentals of Electric vehicles and Components used.

Design of EV,s components Namely cables, batteries, Drives, and controllers and hands on practice on design of EV,s components and their organization using relevant software

To Develop and promote research interest in applying different techniques to solve critical problems in EV

Patron

Prof.(Dr.) D.K. Singh
Director, BIT Sindri

Advisory Committee

Dr. C.B. Mahto, Principal, MIT
Muzzafarpur

Dr. Arbind Kumar, Director , BIT
Patna

Dr. S.C Roy, Professor, BIT Sindri

Dr. Pankaj Roy, Dean Academic ,
BIT Sindri

Dr. U Prasad, Professor, BIT Sindri

Himanshu Shekhar Panda,
CEO, Skyrider Institution for
advanced skill and research

Program Chair

Prof.(Dr.) Manoj Kumar
HOD, Deptt. Of ME

Co-ordinators

Dr. Sunil Kumar,

Deptt of Mechanical Engg, BIT Sindri

Dr. Alok Manas Dubey,

Deptt of Mechanical Engg, BIT Sindri

Dr. R.K. Nayak

Deptt of Mechanical Engg, BIT Sindri

Dr. Rajan Kumar,

Deptt of Mechanical Engg, BIT Sindri

Student Co-ordinators

Sudeep Kumar

sudeep.48kumarsky@gmail.com

Priyansh Singh

priyanshrs@gmail.com

Manisha Kumari

manishamehta1307@gmail.com

[Registration Link](#)

Apply before 6 August, 2022