

Glance of Department

The Department of Electrical Engineering of SGSITS, Indore is boon for students with all the dignified staff and well known academics and curriculum, As during its successful journey the department has developed with the achievements and team work of members, and has been accredited by national board of accreditation (NBA) for UG in year [(2003 for 1 year) (2015-2018 for 3 years) (2018-2019 for 1 year) (2019-2021 for 3 years) (2021 with 1 year extension)], and for PG in year [(2004 with 3 year extension) (2013 with 5 year extension) (2019 till now)]. Our UG course is accredited by NBA for its quality practices .The Washington accord are assigned by the NBA on behalf of India ,to enrich the academic ambiance of the institute, globally.



Faculty and Staff members of EED ,SGSITS Indore

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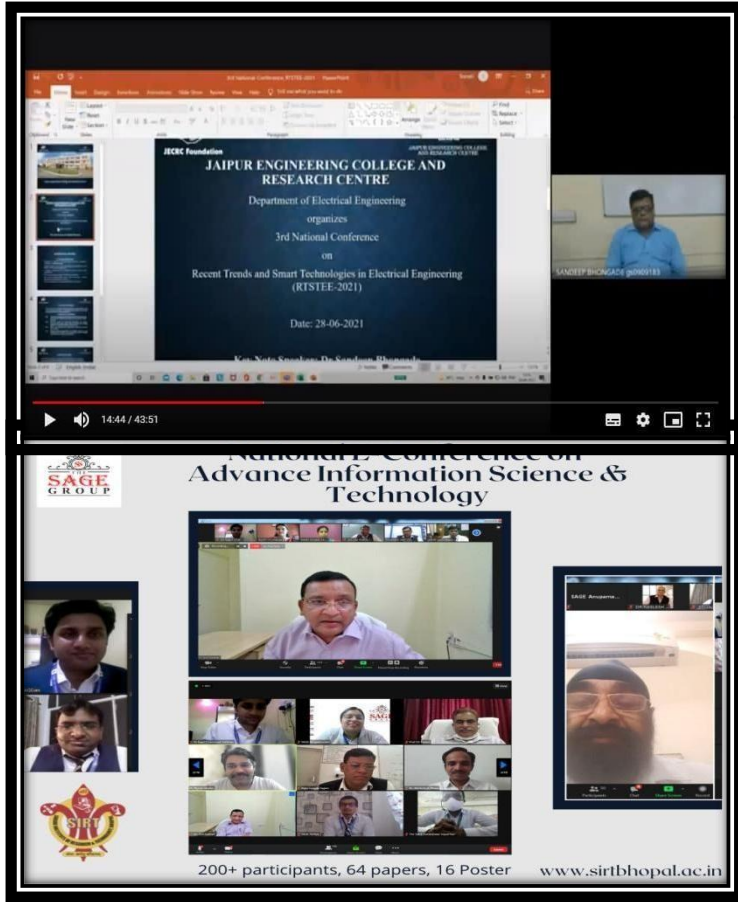
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Other Departmental News

- 1 Dr. H.K. Verma has written an article on “Synchronous Measurements application and Optimal PMU Placement : A review”, at International Journal of Electric Power System Research 199 (2) : 1 0 7 4 2 8 . Published by Elsevier, DOI : 10 : 1010 / j . epsr . 2021 . 107428
- 2 Dr. Shailendra Sharma has successfully qualified an internal audit on Laboratory Quality Management System and Internal Audit as per IS/ISO/IEC in 4 days event , organised by National Institute of Training for Standardization Bureau of Indian Standards from 23/02/2021 to 26/02/2021.
- 3 Prof. MPS Chawla, acted as the keynote speaker at National E-Conference on Advanced in Information, Science and Technology in the Sagar Institute of Research and Technology on 3rd June 2021.
- 4 Dr. Sandeep Bhongade delivered, a keynote speech at International Conference (Online) on Latest Trends at MANIT, Bhopal

5 Dr.Sandeep Bhongade delivered an invited talk on Recent Trends and Smart technologies at Jaipur Engineering College and Research Centre.



Student Corner

Technical Activity -

Sahil Choure, Vivek Panth, Garima Singh have designed Fixed Wing UAV and secured 5th Rank in SAE ADC 2021.

Social Activity -

Ankita Tripathi and Khushboo Thakur Co. Founded an NGO for the welfare of visually impaired and underprivileged people.

Placements -

1 Shreya Rai has cleared UPSC Indian Engineering Service (IES) to obtain the 60th all India Rank .Shreya has already cleared Coal India, Power Grid of India but She aspired to clear the UPSC exam as she wanted to become a collector. This was a pride moment for her parents.



2 More than 70% student from Electrical department got place in various multi-national companies like Asian Paints Vedanta,L&T,etc . Highest package of 11 lakhs/annum was offered by Quantile Analytics Pvt Ltd .

Sports -

Khushboo Thakur participated in all India Inter University Baseball Competition held in Pune.



Ankita Tripathi

Khushboo Thakur

Industrial Visit

Before Pandemic situation, there were an industrial visit for “ **MPEB 400 KV Substation** for 2021 batch of Electrical Engineering Department .This visit was carried out under the major activity head of “technical /Research skill and sub-activity head of industrial visit. The main focus of this visit to fill the the bridge between the technical concepts in curriculum and industry applied concepts. Various technical concepts were discussed with the students



MPEB 400 Kv Substation

Electric Vehicles: Push for courses and research in India

Amid policy push for electric vehicles (EV) from both central and state governments, educational institutes are now setting up research centres and offering courses to bridge the skill gap in the sector.

Adopting electric vehicles (EVs) could improve overall air quality and lower carbon emissions, according to a study.

We find that EV adoptions reduces net carbon emissions and has the added benefit of reducing air pollutants, thereby improving public health .

To quantify the differences between the two types of vehicles, the researchers used an emissions remapping algorithm and air quality model simulations. They used these methods to closely examine two pollutants related to automobiles and power emissions: ozone and particulate matter.

Both are main components of smog and can trigger a variety of health problems, such as asthma, emphysema and chronic bronchitis.

Ozone levels decreased across the board in simulations of warmer weather months, researchers said.

In the wintertime, however, ozone levels increase slightly but are already much lower compared to summer due to a chemical reaction that occurs differently during times of lesser winter sunlight. Across scenarios, we found the more cars that transitioned to electric power, the better for summertime ozone levels.

There is a demands for courses which can help learners to understand the urgency of climate change and its mitigation potential via clean mobility.