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Newsletter

July-Dec
2021

DEPARTMENT OF
ELECTRICAL AND ELECTRONICS
ENGINEERING

Editorial Message

“No resistance can drop our potential”

Heartily welcome to the 6th Edition of our Departmental Newsletter.

We are very delighted and proud in presenting this newsletter to showcase the latest developments and programs which happened in our department.

It is indeed a great pleasure to note that our Department is publishing the newsletter on half yearly basis on every aspect of activities and events held during the semester. The newsletter aims to bring into view various proceedings, functions, events, news, accomplishments and happenings in the Department.

News letter acts as a communication channel among the alumni, faculty, students and experts in Electrical and Electronics Engineering.

We are very much grateful to the Management, Rector and Principal for their continuous encouragement, inspiration and support extended for the release of this “NEWSLETTER”

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Aradhna Usrethe (5th Sem)

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Vision, Mission & PEOs of Electrical and Electronics Engineering Department

Vision:

To impart technical education theoretically and practically to set global standards, making the students technologically superior, to face the technological challenges.

Mission:

- To educate the students with the state of the art technologies in the field of Electrical and Electronics Engineering to cope up the growing industrial challenges.
 - To prepare professionals with good technical skills who can contribute in research and innovation for the well being of the society and the country.
 - To develop professional competency among the students, for achieving success in career, higher education and self-employability.
 - To inculcate awareness, responsibility and ethical attitude for overall professional development.
-

PEOs:

PEO1: Produce engineering graduates having strong foundation in mathematics, science, management and core electrical engineering in order to develop seamless knowledge for providing solution to engineering problems.

PEO2: Provide competent learning environment and develop entrepreneurship capabilities in the field of Electrical and Electronics Engineering with skill, creativity and innovation.

PEO3: Create high standards of ethical values and inculcate research capabilities among the graduates to help industry and society as a whole..

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Training program on "Operation, Testing & Maintenance of Distribution Transformer

The Electrical & Electronics department organized a 7-Day Workshop for 3rd semester students from 28th Dec 2021 to 5th Jan 2022. The workshop was intended to provide hands-on experience to the students related to basic electrical and electronics engineering.



CAPSULE COURSE
TRAINING PROGRAM

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Operation, Testing & Maintenance of Distribution Transformer

4th YEAR



Trainer :
Prof. Vivek Saxena

DATE
7th-13th Oct 2021

INDUSTRIAL VISIT TO AARTECH SOLONICS

The department of Electrical & Electronics Engineering organized a visit to "Aartech Solonics Ltd" for 2nd, 3rd and final year Electrical & Electronics Engineering students on 25th Oct 2021. * The students learnt about manufacturing process of custom-built electrical systems as required for power stations, receiving stations, sub stations, distribution networks, process plants and a variety of industries.

* The students also learnt about the manufacturing process of control and relay panels, motor control centres, testing equipment, digital and power electronics based products





Industrial Visit to a 220 KV Sub station, Bairagarh

The students of Electrical & Electronics Engineering Department visited "A 220 KV SUBSTATION MPPTCL, BAIRAGARH" on 27th Oct 2021.

* The students got a practical exposure regarding operation of a sub-station which includes the receiving and transmission of electrical energy from a generating station and transmitting to subsequent load centres.

* Students also learnt about the immense importance of a sub-station in delivering electrical energy to the consumers. Students also observed and learnt about applications of various components of sub-station like isolators, insulators, Transformers, lightning arrestors, control panels etc.



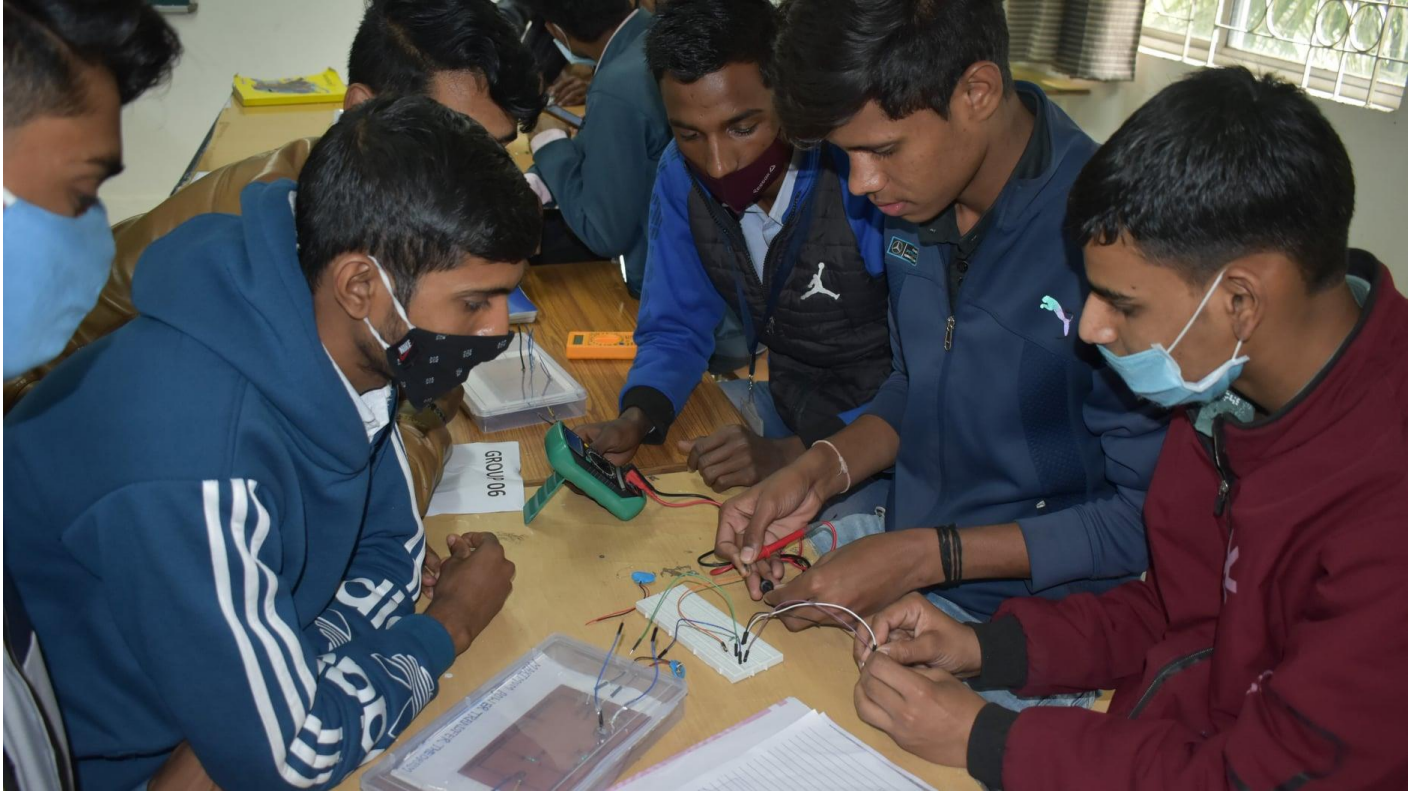
6-Day Workshop "ELECTRIKA-2021"

SISTec GN, Department of Electrical & Electronics Engineering organized a "6-Day Workshop "ELECTRIKA-2021" for EX-3rd semester students from 18th to 25th November 2021. The workshop was intended to provide hands-on experience to the students related to basic electrical and electronic circuits



7-Day Workshop for 3rd semester students

SISTec GN, Department of Electrical & Electronics Engineering organized a "7-Day Workshop" for 3rd semester students from 28th Dec 2021 to 5th Jan 2022. The workshop was intended to provide hands-on experience to the students related to basic electrical and electronics engineering



Mr. Murli Manohar ranked among the Top 2% of the world scientists by Stanford University

Sagar Group of Institutions-SISTec gives immense pleasure to share that Mr. Murli Manohar, HoD in the Department of Electrical & Electronics Engineering, SISTec has been ranked among the Top 2% of the world scientists by *Stanford University* this year.

As per the method, all researchers are classified into 22 scientific fields and 176 sub-fields. Field- and subfield-specific percentiles are also provided for all scientists who have published at least five papers.



Dr. MURLI MANOHAR
HoD, Assistant Professor
Electrical & Electronics Engineering,
SISTec

Congratulations
to **Dr. Murli Manohar**
for getting ranked among the

**Top 2% of the
WORLD SCIENTISTS by
STANFORD UNIVERSITY**

179302	Morales, German	Universitat de València	spa	142	1998	2021
179304	Wu, Hui	National and Kapodistrian University of Athens	gre	144	1987	2021
179305	Wainwright, Francis	Association FHOA	usa	146	1970	2021
179306	Penton, C.	CompuLink Research	usa	51	1986	2021
179307	Brown, Austin	Pennsylvania State University	usa	122	2002	2021
179308	Mahalingam, Sankar S.	Tatyasaheb Kore University	ind	9	2013	2021
179309	Kuan, Edward C.	University of California, Irvine	usa	140	2000	2021
179310	Yang, Jiang	University of New South Wales of Australia	aus	176	2004	2021
179311	Manohar, Muri	National Institute of Technology Raipur	ind	25	2014	2021
179312	Luigi, Raimondo	University of Rome Tor Vergata	ita	51	2005	2021
179313	Egan, Paul F.	Texas Tech University	usa	51	2007	2021
179314	Cummins, John K.	University of Dundee	gbg	162	1981	2021
179315	Wu, Richard	Maharaja Ganga Prasad University of Health Sciences	ind	104	2002	2021
179316	Stark, Michael S.	University of Massachusetts Medical School	usa	92	2009	2021
179317	Klein, Khalid	University of Portsmouth	gbg	24	2015	2021
179318	Bain, Neta	Medizinische Universität Innsbruck	aut	184	1996	2021

PH.d awarded to Dr. Murli Manohar

Dr. Murli Manohar successfully got his Ph.d awarded on 1st Dec 2021. The topic of his Ph.d was "*Enhancing the reliability of micro grids using machine learning based protection techniques*"

12th CONVOCATION 2021
NIT RAIPUR

Ph.D. Degree

MURLI MANOHAR

ELECTRICAL ENGINEERING

द्विदशम् दीक्षांत समारोह
राष्ट्रीय प्रौद्योगिकी संस्थान रायपुर
दिसम्बर 01, 2021

FRESHERS WELCOME PARTY – 2021

"College life will give you much more than just a degree, get ready for all the adventure"

With these lines the senior students organized a wonderful freshers welcome party for the newly joined junior student on 30th Nov 2021.







NIRMAAN – working model & poster making competition

The 9th edition of Working Model and Poster Making Competition "Nirmaan 2021" was conducted successfully on 1st Dec 2021, which was jointly organized by Electrical and Electronics Engineering Department and SISTec Mechanical Engineers Association (SMEA).





Prize Distribution for winners of Technical quiz

A *Technical quiz* was held based on the 3rd semester hands on training workshop. Based on the results of quiz top 5 students were selected for prize distribution and felicitation ceremony on 27th Nov 2021.



FELICITATION OF STUDENTS FOR NIRMAAN 2K21

The department of electrical engineering conducted prize distribution ceremony and student groups were awarded for their projects under various categories On 5 Dec 2021.



FORMATION OF "T.A.E.S" - TECHNICAL ASSOCIATION OF ELECTRICAL & ELECTRONICS ENGINEERING STUDENTS

T.A.E.S was formed on 31st Dec 2021 with the purpose to inculcate technical and professional skills among students by enhancing their knowledge sharing and problem solving abilities.

