

## Report on Awareness of Trends in Technology

Technical seminars and webinars are conducted on regular basis for strengthening the knowledge of students about manufacturing practices in industry and the latest trend. Such programs are helpful to produce industry ready graduates.

Industrial visits are also conducted to provide an exposure to students about practical working environment. They also provide students a good opportunity to gain full awareness about industrial practices.

Name of the capability enhancement program	Date	Name of the agencies/consultants	Objective
Webinar on Evolution of Communication System and It's Journey towards AI	27-06-2020	Dr. Debasish Guha, Senior Consultant and Delivery Head of TCS	Evolution of Communication System and It's Journey towards AI
Webinar on Deep Learning for Semantic Segmentation	20-06-2020	Dr. Ashis Kumar Dhara, NIT, Durgapur	Concept of Deep Learning
Webinar on Coal Base Thermal Power Plant	13-06-2020	Mr. Partha Sarathi Mahanty, Manager, WBPDC, Santhaldih Thermal Power	Working of Coal Base Thermal Power Plant
Webinar Session on Concept of Power for Young Engineers	06-06-2020	Mr. Subijit Chanda, Ex. Sr. General manager, Reliance Industries Limited	Concept of Power for Young Engineers
Online Industrial visit at CESC Budge Budge Generating Station (750MW)	30-05-2020	CESC Budge Budge Generating Station (750MW)	Working of CESC Budge Budge Generating Station
Webinar on Health Assessment of Bridges Kolkata	23-05-2020	Samiran Sen, Chairman, Advisory Committee on Infrastructure, UD and MA Dept	Techniques for Health Assessment of Bridges Kolkata

Webinar on Bentley Staadpro connect edition	16-05-2020	Debopam Chakraborty, Software Analyst, Bentley	Features of Bentley Staadpro connect edition
Webinar on Recent Trends in Research and Development	09-05-2020	Mr. Bitan Saha, Research Assistant Cognitive AI Fraunhofer IIS, Germany	Recent Trends in Research and Development
Webinar on Introduction to GAN and its applications	02-05-2020	Ms. Pallavi Saha, Researcher, TCS Innovation Lab	GAN and its applications
Webinar on Creation of ChatBot using AWS	25-04-2020	Mr. Sourav Majumder, Senior Project Manager, Wipro Technologies Ltd.	Creation of ChatBot using AWS
Webinar on Application of AI in Telecom	18-04-2020	Mr. Chanchal Chakraborty, Vice President, Network Reliance Jio	Various Application of AI in Telecom
Webinar on Recent Trends in IT Industry	11-04-2020	Yekta Roy, Software Developer, Accenture	Recent Trends in IT Industry
Webinar on Industrial automation	04-04-2020	Mr. Abhishek Mallick, Director, ADSC Instrumentation Pvt. Ltd. and ESL Technologies	Industrial automation trends
Industrial Visit at Meija Thermal Power Station (MTPS), DVC	03-03-2020	MTPS (Meija Thermal Power Station) DVC	To obtain knowledge about the practical implementation of the latest technology
Industrial Visit to Kolaghat Thermal Power Station	26-02-2020	Susmita Basak, JM(PS), Training Cell, KTPS, Kolaghat Thermal Power Station,	To obtain knowledge about the practical implementation of the latest technology
One Week Industrial Training on PLC and SCADA	06-01-2020-10-01-2020	Mr. Joydeep Nath, M/S. Micropro	To obtain knowledge about the practical implementation of the latest technology

Technical Lecture Program on Internet of Things	20-12-2019	Mr. Sounak Dey, Scientist, TCS Research Lab, Kolkata	Features of Internet of Things
Industrial Training on Telephone Exchange	19-12-2019	Communication Switching and Network Lab, ETCE Department, Jadavpur University	To obtain knowledge about the practical implementation of the latest technology
Industrial Training on IC Fabrication	18-12-2019	IC Centre, ETCE Department, Jadavpur University	Methods of IC Fabrication
Industrial Visit to MSME (Micro, Small and Medium Enterprises) Central Tool Room and Training Centre	11-11-2019	M. Rama Rao, MSME Tool Room (micro small and medium enterprises), Bonhoogly	Knowledge about the practical implementation of the latest technology
Industrial Visit at Electronics Regional Test Laboratory	08-11-2019	Electronics Regional Test Laboratory Kolkata,	Knowledge about the practical implementation of the latest technology
Seminar on Hazards of E.M Wave	05-11-2019	Prof. (Dr.) M Mitra, ECE Department, IEST Shibpur	Knowledge of Hazards of E.M Wave
Four days Industrial Training on Solar Technology and E-Cad	24-09-2019-27-09-2019	Ms. Pratyusha Biswas Deb, Narula Institute of Technology	Solar Technology and E-Cad
One day Industrial Visit at Titagarh 132 KV Substation	23-09-2019	Mr. Soumyajit Biswas, Manager, Titagarh 132 KV Substation	Knowledge about the practical implementation of the latest technology
Seminar on Sensors of Everyday Life	19-08-2019	Dr. Anindya Nag, Lecturer of Dongguan University of Technology, Dongguan, China	Usage of Sensors of Everyday Life
Seminar on Key areas of Instrumentation domain	09-08-2019	Prof. Sunit Kumar Sen, Ex-Professor of University of Calcutta	Knowledge of Instrumentation domain
Seminar on The Overview of Core Industry	06-08-2019	Mr. Soumyajit Ghosh, Application Engineer at LUBI Electronics Pvt. Ltd	Trends in Core Industry
Industrial Visit to MSME (Micro, Small and Medium		M. Rama Rao, MSME Tool Room	Knowledge about the practical implementation

Enterprises) Central Tool Room and Training Centre EIE Gr II	30-07-2019	(micro small and medium enterprises), Bonhoogly	of the latest technology
Industrial Visit to MSME (Micro, Small and Medium Enterprises) Central Tool Room and Training Centre EIE Gr I	29-07-2019	M. Rama Rao, MSME ToolRoom (micro small and medium enterprises), Bonhoogly	Knowledge about the practical implementation of the latest technology
Workshop on Labview, Matlab and Electronics Circuit design	08-07-2019-12-07-2019	Ms. Bansari Deb Majumder, Narula Institute of Technology	Knowledge of Labview, Matlab and Electronics Circuit design
Industrial Visit at National Atmospheric Research Laboratory (ISRO)	12-07-2019	Nirvikar Dashora, Scientist-SF, NARL	Knowledge about the practical implementation of the latest technology



**Workshop on Labview, Matlab and Electronics Circuit Design conducted on 08-07-19 to 12-07-19**



Industrial visit at TechTree Technologies conducted on 28-02-20



Snapshot of Webinar on Business Continuity and Operational Resilience conducted on 06-04-20



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**Mr. Arnab Rakshit**  
CSIR Direct Senior Research Fellow  
Alumni, NIT-EE (2008-2012)

**WEBINAR ON**  
\* EXPLORE THE POWER OF MIND USING BRAIN-COMPUTER INTERFACE \*  
Organized by:  
Department of EE  
Narula Institute of Technology  
For 1<sup>st</sup> to 4<sup>th</sup> year EE students

**Date:** 29<sup>th</sup> of April, 2020  
**Time:** 05:00 pm to 06:30 pm  
For registration click the link below :  
<https://forms.gle/1BspX5UcFxp81xg7Z>

**Coordinators**  
Dr. Nabamita Banerjee Roy  
Prof. Amlan Chakrabarti  
Mr. Arkendu Mitra

**NARULA INSTITUTE OF TECHNOLOGY**  
WWW.NIT.AC.IN | 8902496650

Webinar on Brain Computer Interface conducted on 29-04-20



Industrial Visit at National Atmospheric Research Laboratory conducted on 12-07-19

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**VIRTUAL INDUSTRIAL VISIT**

**CESC**



**7th May 2020**  
12.15 pm Onwards

Organized by  
Dept. of ECE

Coordinators  
Dr. Saradindu Panda  
Dr. Anillesh Dey  
Mr. Kaushik Sarkar

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Virtual Industrial Visit conducted on 07-05-20



Industrial Visit to Kolaghat Thermal Power Station conducted on 26-02-20