

**One day Industrial Seminar  
on the topic on  
“Latest advancements in Artificial Intelligence and security systems”  
15th Sept 2017  
Venue: Seminar Hall**

**Objective of the event:**

To present to the students the latest topics on AI and security system

Venue: Seminar Hall, Narula Institute of Technology

**Speaker of the session –**

1. Dr. Tapas Chakroborty and  
Sr. Scientist of TCS,
2. Mr. Kanchan Mallick  
XGEN Security Technology Services.

**Total number of participants:- 100**

**Description of the Event:**

Electronics and Communication Department of Narula Institute of Technology organized a one day Industrial Seminar on the topic on “Latest advancements in Artificial Intelligence and security systems”, sponsored by the IEEE- CAS and COMSOC Chapters, Kolkata Section. On 15<sup>th</sup> Sept 2017

Around 100 participants from BTech and M Tech were attended the seminar. The key speakers of the day were Dr. Tapas Chakroborty, Sr. Scientist of TCS and Mr. Kanchan Mallick from XGEN Security Technology Services.

The inaugural formalities were carried forward by the Prof.(Dr.)M.R.Kanjilal, Principal, NIT; Prof.(Dr.) S. C. Konar, Dean R&D, Mrs. Nidhi Singh, Registrar, Dr. Saradindu Panda, HOD, ECE, NIT ; Prof.(Dr.) S. K. Sanyal and Prof.(Dr.) Iti Saha Misra, IEEE –CAS and COMSoC Chair persons, Kolkata section



Prof. Iti Saha Misra, IEEE –CAS and COMSoC Chair persons, Kolkata section Date: 15/09/2017

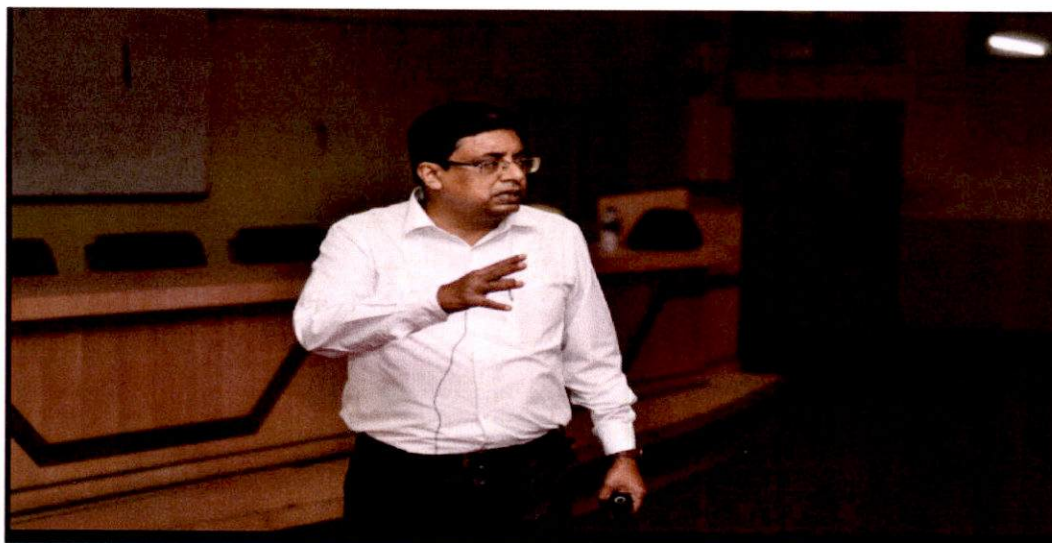


Ms. Nidhi Singh, Dated 15/09/2017



Dr. S. Panda, Dated 15/09/2017





Dr. Tapas Chakroborty, Sr. Scientist of TCS, Dated 15/09/2017



Mr. Kanchan Mallick presenting Dated 15/09/2017

**Outcome of the Event:**

The speakers discussed on the artificial intelligence, machine learning by which the students were enlightened.

  
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**"Campus to Corporate"**  
**An HR Symposium**  
**19.08.17**

**Objective of the event:**

For the skill updation of the students skill to transit from campus to corporate.

**Venue: Seminar Hall, Narula Institute of Technology**

**Speakers:**

- Mr. Manav Prasad, Head HR - Tavisca Solutions
- Mr. Ambrish Kanungo, Head HR - New Vision Softcom
- Mr. Saurabh Shah, Senior Manager, HR – Capita
- Mr. Sahil Kapoor, Group Manager, HR – WNS
- Mr. Yusuf Pathan, Founder & CEO - Key Resourcing
- Mr. Rupesh Panambur, Head Talent Acquisitions & Management - Yazaki India Pvt Ltd

**Designation: HR Enlight- an association from Pune.**

**Total number of participants:- 74**

“A ship is always safe at the shore- but that is NOT what it is built for.”

We believe that each of our students have potential to succeed. It's only a matter of understanding the strength and weaknesses and working on them to fill the gap from being an average academic scorer to a sure shot candidate of choice for the corporate. Total 74 participants attended the session.


The transition from Campus to Corporate is the most important phase for career success. The transition challenges require various skills that are not always enough to acquire from the regular curriculum.

With this objective the Training & Placement department organised an HR Symposium titled “*Campus to Corporate*” on 19th August 2017

The session aimed to build confidence, interact, and develop habits that will make a student proactive.

This session also aimed

- To understand the Strengths , Weaknesses , Opportunity &

  
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### Threats

- Learning the art of building Interpersonal Relationships
- To become a team player yet leader
- To align realistic goals and learn the art to achieve
- To understand the basics of Corporate and Business Etiquette
- To develop the skill of Business Communication and Presentation
- To develop adaptive attitude for a Change
- To become top rated choice of employers around the globe

The house full of students from all the group colleges enthusiastically interacted with the delegate speakers from *HR Enlighten* association from Pune.

We were enlightened to hear from the great stalwarts:

- Mr. Manav Prasad, Head HR - Tavisca Solutions
- Mr. Ambrish Kanungo, Head HR - New Vision Softcom
- Mr. Saurabh Shah, Senior Manager, HR – Capita
- Mr. Sahil Kapoor, Group Manager, HR – WNS
- Mr. Yusuf Pathan, Founder & CEO - Key Resourcing
- Mr. Rupesh Panambur, Head Talent Acquisitions & Management - Yazaki India Pvt Ltd



Speaker interacting with the students: Dated 19/08/2017





Session ongoing: Dated 19/08/2017

Outcome of the event:

Students got knowledge on skills needed in the company

  
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**“MODERN CONTROL OF AC MACHINE - INDUSTRIAL ASPECT”**

**7<sup>th</sup> July 2017**

**Venue: Seminar Hall, Narula Institute of Technology**

**Objective:**

To acknowledge all the students about the modern industrial electrical motor controls

**Venue: Seminar Hall, Narula Institute of Technology**

**Speaker:** Mr. Biswajit Banerjee

**Designation:** Trident Tech Lab, Kolkata

**Number of participants: 137**

The poster features the NIT logo at the top left. Below it, a blue arrow points right with the text 'SEMIINAR ON' in a yellow box. The main title 'INVITED TALK ON "MODERN CONTROL OF AC MACHINE – INDUSTRIAL ASPECT"' is in red. Below that, 'SPEAKER' is in a yellow box, followed by 'Mr. Biswajit Banerjee, Trident Tech Lab, Kolkata' in blue. At the bottom left, 'Organized by NARULA INSTITUTE OF TECHNOLOGY' is written. On the right side, there is a dark blue vertical bar containing the text 'NARULA INSTITUTE OF TECHNOLOGY WWW.NIT.AC.IN' and a white box with '7th JULY 2017' and '12:30 PM to 01:30 PM'. A handwritten signature is visible at the bottom right of the poster.

A one day seminar was organized by ELECTRICAL ENGINEERING (EE) DEPARTMENT of Narula Institute of Technology, to acknowledge all the students about the modern industrial electrical motor controls. The program was held on 7<sup>th</sup> July, 2017 in the seminar hall. The program

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was started with the welcome address to all the dignitaries on the dias. The honourable Principal of Narula Institute of Technology Prof. Dr. M.R. Kanjilal inaugurated the seminar by lightening the lamp and her motivational speech. Later, the subject expert,



Session ongoing, Dated:07/07/2017

Mr. Biswajit Banerjee, Trident Tech Lab, Kolkata, was welcomed by a bouquet of flowers. It was a gather of 122 students and 15 faculty students. A total of 137 people attended the session. He illustrated the usefulness of the advanced AC control methods via industrial applications including electric vehicles, high speed trains, steel mills, and more. He also appealed to do advanced studies in automatic control, electrical, power systems, mechanical engineering and robotics, as well as mechatronic, process, and applied control system engineers.

**Outcome:** Students came to understand the advances in automatic control, electrical, power systems, mechanical engineering and robotics, as well as mechatronic, process, and applied control system engineers.

  
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## Seminar

### **“Future trends in Modern Power System and its Application”**

11<sup>th</sup> August, 2017

#### **Objective of the event:**

To make students understand the Power System, present industrial Scenario and future planning, Smart and its applications

**Venue: Seminar Hall, Narula Institute of Technology**

**Speaker of the session - Mr. Chinmay Ghosh**

**Designation: CEO, HV Engineering**

**Total number of participants:- 100**



Mr. Chinmay Ghosh, CEO, HV Engineering being Felicited by Prof. Amlan Chakraborty, 11/08/2017

#### **Description of the Event:**

Electrical Engineering department of Narula Institute of Technology, Agarpara organized an industrial seminar on 11th August, 2017 which was based on recent technological developments and future planning of electrical power system, This program was co-ordinated by Dr.Sandip Chanda, HOD, EE Dept, Narula Institute of Technology(NIT).

Eminent speaker was Mr. Chinmay Ghosh, CEO, HV Engineering.

Prof. (Dr.) M.R.Kanjilal , Principal, Narula Institute of Technology, Dr.Sandip Chanda, EE Department, Prof.(Dr.)S.C.Konar, Professor, EE Department of the same institute and along with the honourable dignitaries participated in the “lighting the lamp” ceremony of the seminar for its official opening at 11:00 AM.

The program was inaugurated by Prof. (Dr.) M.R.Kanjilal, Principal, Narula Institute Of Technology at 11:05 AM. The welcome speech was delivered by Prof.Amlan Chakraborti at 11:10AM.

Mr. Chinmay Ghosh delivered his lecture on Modern trends in Power System, present industrial Scenario and future planning, Smart and its applications

This was the last lecture of the seminar and the program came to a

successful end with “vote of thanks” by Prof.(Dr.)S.C.Konar .



Ongoing session, Dated: 11/08/2017

**Outcome of the Event:** Students learned about the Power System, present industrial Scenario and future planning, Smart and its applications.

  
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**Industrial Workshop on  
“PLC and Its industrial Application”**

**8-9, Aug 2017**

**Venue: Electrical Engineering Department, Narula Institute of Technology**

**Objective of the event:**

To enhance the knowledge of students on the PLC and its application in industry

**Speaker of the session - Mr. Joydeep Nath**  
**Designation: M/S. Micropro**

**Date: 8th August to 9th August, 2017**  
**Venue: Electrical Engineering Department , Narula Institute of Technology**

**Total number of participants:- 150**

**Description of the event:**

Electrical Engineering Department of Narula Institute of Technology, Agarpara organized one week Industrial Workshop on “PLC and Its Application” from 8th August to 9<sup>h</sup> August, 2017.



Student participants Dated: 08/08/2017

  
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This program was co-ordinated by jointly Mr. Arkendu Mitra and Ms. Pratyusha Biswas Deb, Electrical Engineering Department. For this programme, 150 numbers of students from B.Tech EE year have been selected as per their end semester marks.



Mr. Joydeep Nath explaining to students, Dated: 08/08/2017

**Mr. Joydeep Nath** from **M/S. Micropro** who have immense knowledge of PLC (Programmable Logic Controller) started their session by delivering the basic information of industrial application of automation.



This programme successfully end by valedictory sessions Valedictory session was started with certificates distribution by **Dr. Nabamita Banerjee Roy, and Jaydeep Nath** This session was closed with vote of thanks by **Dr. Nabamita Banerjee Roy, EE Dept**

**Outcome:**

Students had a hands-on experience on PLC.

  
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**IEEE CAS Chapter Sponsored TECHNICAL SEMINAR**

**on  
“Why Fuzzy?”**

**at**

**Venue: ECE Department Narula Institute of Technology**

29th November 2017

**Venue:** Room 305A, Narula Institute of Technology

**Objective of the event:**

To make understand the concept of Fuzzy in students and faculty

**Speaker: Prof. Kaushik Sarkar**

ECE Department, Narula Institute of Technology

**Date:** 29th November 2017 Time: 12.00 Noon onwards

**Venue:** Room 305A, Narula Institute of Technology

**Number of Participants:** 41

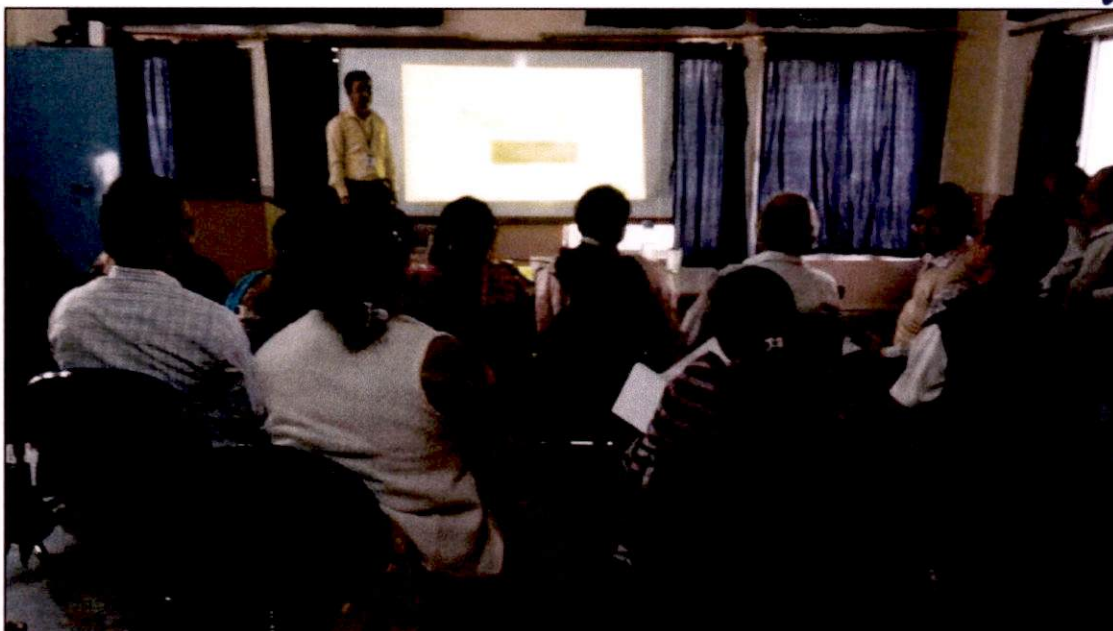
**Description of the Event:**

The Electronics and Communication department of Narula Institute of Technology organized a one-day IEEE Sponsored Technical seminar on “Why Fuzzy?”. The speaker of the day was Prof. Kaushik Sarkar, Professor, ECE Department, NiT.

The event started with the formal inaugural address by Dr. S Panda, Head, ECE Department. This was followed by the speech of Prof. (Dr.) S K Sanyal, Chairman, IEEE CAS, Kolkata Chapter. Prof. S K Sanyal describes the importance of IEEE CAS Chapter in educational Institute and the practice of professional body.

After that Prof. K Sarkar took over the session. This seminar’s objective was to focus on the prelims and application of Fuzzy which is essential for modern research and practical domain. Prof. Sarkar talked about the major thrust in Fuzzy set, crisp set, clustering, membership function, Spatial FCM, application of FCM, Kernel of FCM, Gaussian kernel, Fuzzy rule based system, classification, function approximation, extract rules, multi-dimensional membership function, defuzzification, fuzzy logic process, fuzzy systems, error function, applications of fuzzy, edge detection, fuzzy clustering.

  
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Prof. Kaushik Sarkar addressing the audience, Dated: 29/11/2017



Prof. K Sarkar felicitated by IEEE CAS Chapter Chairman, Kolkata, Dated: 29/11/2017

The seminar came to an end with the vote of thanks and gratitude by Dr. Saradindu Panda, honorable Head of the Department.

**Outcome of the Session:**

Students and faculty learned about the fuzzy and optimization techniques.

*(Signature)*  
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## **A COMPUTER AIDED DIGITAL CONTROLLER DESIGN(WITH MATLAB AND SIMULINK)**

05<sup>th</sup> February, 2018

Venue: Room 220

### **Objective of the event:**

To make students acquire knowledge on MATLAB for computer aided digital controller design

**Venue: Room 220, Narula Institute of Technology**

**Speaker of the session - Prof.Siben Dasgupta**

**Designation:** Wentworth University of Technology

**Total number of participants:- 117**

### **Description of the event:**

Electrical Engineering department of Narula Institute of Technology, Agarpara organized a Seminar on February 05, 2018 which was based on Computer Aided Digital Controller Design (With MATLAB and Simulink). This program was co-ordinated by Mr. Arkendu Mitra, EE Dept, Narula Institute of Prof. Siben Dasgupta from Wentworth University of Technology, Boston 117 participants attended the seminar. It was an interesting session.

**Outcome:** Students acquired knowledge on the MATLAB and Simulink



Prof. Siben Dasgupta, presenting, Dated: 05/02/2018

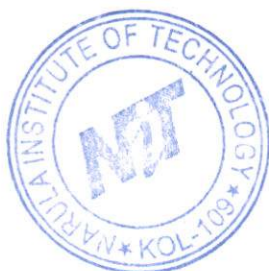
  
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Felicitation of Prof. Siben Dasgupta, presenting, Dated: 05/02/2018



Session ongoing, Prof. Siben Dasgupta, presenting, Dated: 05/02/2018



  
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## TALK ON ENERGY CONSERVATION

Date: 16th April, 2018

Venue: Seminar Hall, Narula Institute of Technology

### Objective of the event:

To enhance the knowledge of students and faculty on energy conservation.

**Speaker of the session - Prof. (Dr.) Mr. Debasish Bhattacharya**

**Designation:** Ex. Operation Manager, IOCL

**Total number of participants:- 79**



Felicitation of Mr. Debasish Bhattacharya, Ex. Operation Manager, IOCL.  
Dated: 16/04/2018

### Description of the Event

Electrical Engineering department of Narula Institute of Technology, Agarpara organized an Invited Lecture on 16TH April, 2018 which was based on ENERGY CONSERVATION . This program was co-ordinated by Mr. Sumanta Kundu, EE Dept, Narula Institute of Technology.

Eminent speaker from IOCL visited the Seminar Hall, Narula Institute of Technology campus to share his experience and knowledge on Electrical Engineering Distribution and Energy Management area. Number of participants were 79 students and faculty.

  
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Mr. Debasish Bhattacharya presenting Dated: 16/04/2018



Students attending the session, Dated: 16/04/2018

This program was inaugurated by Mr. Debasish Bhattacharya, Ex. Operation Manager, IOCL. Honourable speaker Prof. (Dr.) Mr. Debasish Bhattacharya, delivered his lecture on "EFFICIENT ENERGY CONSERVATION" from 3:30 PM to 5:00 PM.

**Outcome of the event:** Students got the importance and techniques of energy conservation.

  
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**Invited Lecture on  
Efficient Energy Utilization Through Demand Side  
Management**

**Date: 02, November, 2017**

**Venue: Seminar Hall**

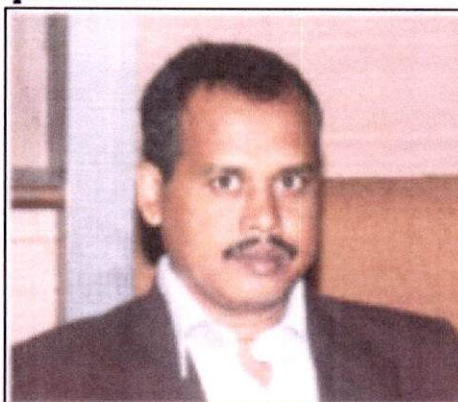
**Objective of the event:**

To make students aware of the energy management




**Speaker of the session - Dr. Jitendranath Bera**

**Designation: Professor. Department of Applied Physics, University of  
Calcutta**

**Total number of participants:- 136**



Dr. Jitendranath Bera, Dated: 02/11/2017

 **INVITED LECTURE**   
**ON**  
***EFFICIENT ENERGY UTILIZATION THROUGH  
DEMAND SIDE MANAGEMENT***  
  
**SPEAKER:**  
**DR. JITENDRANATH BERA**  
**PROFESSOR, DEPARTMENT OF APPLIED PHYSICS**  
**UNIVERSITY OF CALCUTTA**  
**ORGANIZED BY:**  
**DEPARTMENT OF ELECTRICAL ENGINEERING**  
**VENUE: SEMINAR HALL, NARULA INSTITUTE OF  
TECHNOLOGY**  
**DATE: NOVEMBER 02, 2017** **TIME: 3:30 PM**

  
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Electrical Engineering department of Narula Institute of Technology, Agarpara organized Invited Lecture on “Efficient Energy Utilization Through Demand Side Management” on 2, November, 2017 which was based on recent technological developments. This program was co-ordinated by **Dr. Sandip Chanda**, Narula Institute of Technology



Audience: Dated: 02/11/2017

Eminent speakers from Calcutta University background shared their experience and knowledge about Energy Utilization Through Demand Side Management and its future. Around 140 students and faculty participated.

The welcome speech was delivered by Prof.(Dr.)S.C. Konar, Dean-R&D

This was the last lecture of the seminar and the program came to a successful end with “vote of thanks” by Dr. Sandip Chanda, EE Dept.

  
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