

TECHNO-ELECTRA

Department of Electrical Engineering
Techno International New Town
(formerly Techno India College of Technology)

VOLUME 4 | MAY '21 | ISSUE 1



Bullentine:

1. Parent-Teacher Meet
2. Alumni Meet
3. Contest on COVID
4. Webinar on Hands on Project
5. Engineer's Day
6. Faculty Achievement
7. Student Achievement
8. Publication
9. Placement



SUNDAR PICHAI'S 10 RULES OF SUCCESS

1. Think About What's Next
2. Empower People
3. Idea Matter
4. Take Risk
5. Be An Optimist
6. Solve Problems
7. Follow Your Dream
8. Have A Good Morning Routine
9. Do What You Love
10. Push Yourself



Sub Editor(s)

Prof. Ayindrila Roy

Electrical Engineering

Prof. Monalisa Datta

Electrical Engineering

Prof. Mainak Biswas

Electrical Engineering

Even though in the pandemic situation HAS Affected us badly we didn't lose hope AND with full positivity we completed All our ACADEMIC Activities.

● Parent-Teacher Meet:

A Virtual Parent-Teacher meet for B.Tech 3rd year students of the Electrical Engineering department was organized on 2nd October, 2020 to discuss about the student's general behavior, progress and performance in academics. The parents were intimated about the meeting well in advance through the respective student mentors.

The meeting began with a welcome address by Prof. (Dr.) R.T. Goswami, Director of the Institution. This was followed by a speech from the Head of the Department, Prof. (Dr.) Milan Basu, regarding the rules and regulations of the institute, as well as the department. Prof. Debarchita Mishra and Prof. Satabdi Chatterjee highlighted the best practices followed by department of Electrical Engineering for effective teaching learning process and how it helps the students in placement and for higher studies. This was followed by one to one interaction between Parents and Student Mentors. Discussion was focused on student's specific strengths and weakness in individual subjects and discipline in classes. A feedback was taken from parents for future reference.

The meeting concluded with a Vote of thanks by the Head of the department.



**TECHNO INTERNATIONAL NEW TOWN
DEPARTMENT OF ELECTRICAL ENGINEERING
PRESENTS
VIRTUAL PARENT-TEACHER MEET (PTM)**



Date-02.10.2020

**Time-3rd Year (Sec-I)-11am to 12pm
&
3rd Year (Sec-II)-12.30pm-1.30pm**

● Alumni Meet:

A virtual Alumni talk from the Department was also organized with four of our students having a good and bright career. There were two girls studying Mtech in USA and among the boys, one is an employee in BARC and the other a successful entrepreneur. All of them participated and shared their views and opinion to motivate the current students of different academic years.

TECHNO INTERNATIONAL NEW TOWN
DEPARTMENT OF ELECTRICAL ENGINEERING
Presents
ALUMNI TALK

PARMITA MONDAL (MS)
 (ILLINOIS INSTITUTE OF TECHNOLOGY)

SAIKAT DEY
 (SCIENTIST@ BARC)

MADHUSHREE MONDAL (MS)
 (ILLINOIS INSTITUTE OF TECHNOLOGY)

AMARNIT SAHA
 ENTREPRENEUR

YOUTUBE LINK:
<https://youtu.be/Hm8WxvJIGg>

DATE & TIME:
 16.08.2020
 10:30 AM

PROF.(Dr.) MILAN BASU
 HOD, EE, TINT
 9830277813

CONTACT US
 Reach to Us: dr.milan.basu@tint.edu.in / mainak.biswas@tint.edu.in
Prof. Debaparna Sengupta (EE,TINT) Visit Us: <https://www.facebook.com/etint> OR <https://tint.edu.in/>
 9038966219

● Contest on COVID:

During this pandemic an online competition in the month of May 2020, was conducted on various activities as mentioned in the banner. School students from different localities in and around Kolkata participated and made the program a huge success.

TECHNO INTERNATIONAL NEW TOWN
MEGACITY, KOLKATA - 700156
PRESENTS

COVID
CONTEST ON ONLINE VIVID INNOVATION & DEVELOPMENT

REGISTRATION
<https://forms.gle/zvHMuTptqrEKbpcMA>

IMPORTANT DATES
 • LAST DATE OF REGISTRATION : 2nd May 2020
 • LAST SUBMISSION DATE : 5th MAY 2020
 • Result on 8th MAY 2020

PATRON AND COMMITTEE
 CHIEF PATRON - Mr. SATYAM ROY CHOWDHURY , (MD,TIG)
 PATRON - Mr. T. K. GHOSH, EXECUTIVE DIRECTOR , TIG
 ADVISORS - Prof. (Dr.) R. T. GOSWAMI, DIRECTOR , TINT
 Prof. (Dr.) S. PYNE, REGISTRAR , TINT
 Prof. (Dr.) C. K. BHATTACHARYA, DEAN OF ACADEMICS , TINT
 CONVENER - Prof. (Dr.) MILAN BASU, HOD OF ELECTRICAL ENGINEERING, TINT

FEW OF OUR ALUMNI ARE

SAIKAT DEY,
 BARC

SAYANTAN GHOSH
 HELMHOLTZ-GEMEINSCHAFT
 DEUTSCHER FORSCHUNGSZENTREN

TWISHAKSHIN ROY
 MASTER OF SCIENCE
 IN UMWELTPHYSIK

ANIK BANERJEE
 PHD, TOLEDO COLLEGE
 OF ENGINEERING

ANISH ROY
 M.TECH, ISI

ANIRBAN CHAKRABORTY,
 PHD, UNIVERSITY
 OF NORTH TEXAS

Our alumni are working at various Govt. organisations (e.g., BARC, WBSEDCL, NTPC WBSETCL, PWD etc), reputed private companies (e.g., DCPL, Tata steel, L&T, Microsoft, TCS, CTS, Accenture etc). Few of them are doing MS/ PhD abroad (University of North Texas, University of Toledo college of engineering, Helmholtz- Gemeinschaft Deutscher Forschungszentren).

COORDINATOR :
 Prof. Mainak Biswas - 7980359146

SUBCOORDINATORS :
 Prof. Saikat Chatterjee 9903862151
 Prof. Dipanwita Ganguly 8013961992

ORGANIZED BY -
DEPARTMENT OF ELECTRICAL ENGINEERING
 Contact Us - contestcovidtintee2020@gmail.com

● Webinar on hands on Project:

A webinar on Hands on project was conducted virtually by the Department on Internet of Things by Academy of Skill Development on 16th May 2020 for all the third year students last year.

TECHNO INTERNATIONAL NEWTOWN
DEPARTMENT OF ELECTRICAL ENGINEERING
PRESENTS

WEBINAR
ON
HANDS ON PROJECT
USING
IOT
INTERNET OF THINGS
BY
ACADEMY OF SKILL DEVELOPMENT
Address : Module No - 103 ,
SDF Building Sector- V ,
Salt Lake City , Kolkata - 700091

SATURDAY
16th
MAY 2020
AT 12:30 PM

● Celebration on Engineers' Day:

Engineers' day was celebrated in a virtual platform on 15th September 2020.

TECHNO INTERNATIONAL NEWTOWN
Date : 15th September , 2020
Time : 6:00pm onwards
DEPARTMENT OF ELECTRICAL ENGINEERING
Virtual Meet Platform
Microsoft Teams

Engineers Day
Celebration

Technical Sponsor
IEEE young professionals

Speaker
Dr. Hory Shankar Mukherjee
Principal-Education, Training and Assessment
INFOSYS, INDIA

Activities:
Quiz
Technical Report Writing
Coding
Virtual Reunion

Prof. (Dr.) R.T. Goswami
Director
Techno International New Town

Dr. Summauli Pyne
Registrar
Techno International New Town

Prof. Hemanta Dey
Chairman, IEEE Young Professional
Techno International New Town

Prof.(Dr.) Milan Basu
Head of the Department
Electrical Engineering
Techno International New Town

● Faculty Achievement:

- ✓ Birendra Krishna Ghosh, Rajat Kumar Mondal and Mainak Biswas had been certified the best paper award at the 3rd International Conference on Electronics, Material Engineering and Nano technology (IEMEN Tech-2019).

● Student Achievement:

- Sayan Chatterjee our pass out had been certified the best paper award at the 3rd International Conference on Electronics, Material Engineering and Nano technology(IEMEN Tech-2019).

● Publication:

1. Santanu Chakraborty, Sougata Koley, Rupamit Dutta, Subham Mandal, Birendra Krishna Ghosh, Rajat Kumar Mandal, Mainak Biswas “Sensitivity factor based Congestion Management of Modified 33-Bus Distribution System”, **Springer International Conference on Sustainable Communication Networks and Application**, 30-31 July 2019, Tamil nadu, India.
2. Birendra Krishna Ghosh, Dr. S. Chanda, Dr. Abhinandan De “Development of an Intelligent Energy Management System for Optimal Techno-Commercial Benefit in Micro-grids”, Abstract is accepted for publication (Book Chapter) in *Recent Trends and Advances in Artificial Intelligence and Internet of Things* by **Springer**.
3. Birendra Krishna Ghosh, Rajat Kumar Mandal, Mainak Biswas “Automatic Esophageal Cancer Detection using Discrete wavelet transform”, Abstract is accepted for publication (Book Chapter) in *Recent Trends and Advances in Artificial Intelligence and Internet of Things* by **Springer**.
4. Satabdi Chatterjee, Indranil Mukherjee, Borun Mondal “Sensitivity Analysis for micro community” Accepted for publication in *Indian Journal of environmental protection* in 12th July, 2019.
5. Rajneesh Kumar, Monalisa Datta, Debaparna Sengupta “Agro Nutrition Alert”, *International Conference on Emerging Trends in Science and Technology (ICETST-TECHMEET)*, 2020.

6. Rahul Singh, Rahul Kumar Singh, Rahul Kumar Prasad, Ayush Singh, Monalisa Datta, Debaparna Sengupta, “A Classy Fuzzy MPPT Controller for standalone PV System”, International Conference on Emerging Trends in Science and Technology (ICETST-TECHMEET), 2020.
7. Amit Suman, Rishikesh Gaurav, Sampriiti Banerjee, Ajay Kumar Singh, Mainak Biswas, Birendra Krishna Ghosh, Rajat Kumar Mandal, on “Retinal Blood Vessel Segmentation Using Edge Detection Method”, AICTE Sponsored National E-Conference on “Recent Advances in Smart System Automation, Computing and Communication”, 2020.
8. Sayan Chatterjee (Ex-student), Rajat Kumar Mandal, Mainak Biswas, Birendra Krishna Ghosh, “Logarithm Similarity Measure Based Automatic Esophageal Cancer Detection Using Discrete Wavelet Transform”, Book Chapter: Recent Trends and Advances in Artificial Intelligence and Internet of Things, 2020.
9. Sremoyee Bose, Supriyo Das, Arijit Dey, Jyotirmoy Das, Dr. Syamasree Biswas Raha, “Power theft detection in Low voltage distribution network”, International Conference for Convergence in Engineering, IEEE, 2020.
10. Soham Bhadra, Priyodeep Mukhopadhyay, Satyaki Bhattacharya, Snehasis Debnath, Arabindo Chandra, Swarnali Jhampati, “Design and Development of Solar Power Hybrid vehicles Charging Station”, International Conference for Convergence in Engineering, IEEE, 2020.
11. Moitri Chakraborty, Madhumita Ghosh, Akash Maity, Dipanwita Dutta, Sayan Chatterjee (Ex-student), Mainak Biswas, “Economy and Unemployment Due to COVID19: Secondary Research”, The Fourth International Conference on Intelligence Science (ICIS2020), Springer, Intelligence Science III. IFIP International Federation for Information Processing (Springer), Accepted for publication.

- **Placement:**

