

CORONA-NEWSLETTER OF EE

10TH May, 2020

Contents

- ❖ Message
- ❖ PEO's & PO's
- ❖ Digital Learning
- ❖ Webinars
- ❖ Cr-e-ative Idea Competition
- ❖ NSS Activities
- ❖ Ment-EE⇌OR-Transition from Mentee to Mentor
- ❖ SURGE-Wall Magazine of EE (COVID-19 Special Issue)
- ❖ In-house training/Internship of students
- ❖ Faculty Development Program (FDP)
- ❖ Parent Teacher Meeting

"Truth is stronger than fiction"

– Lord Byron, English Poet

Message from Principal



"I was always looking outside myself for strength and confidence, but it comes from within. It is there all the time." – Anna Freud

The key to Happiness is not that you never get Angry, Upset, Frustrated, Irritated or Depressed. It's how fast you decide to get out of it. I am glad to convey my best wishes and message through this newsletter during this crisis period when everyone is fighting hard to combat with Covid 19, to all faculties, staff and students of Department of Electrical Engineering.

Dear Students, If you are determined to work hard to achieve your goal, nothing in this world can deter you from achieving your goal. However, if at the outset you fail to get your goal, figure out whether something change needed in your set goal as per your potential. Again work with great vigor you will definitely achieve your goal. If you have set your goal, strive hard to achieve it and the success will be yours. Taking excuse for not doing things is very easy, equally easy is finding reasons, ways and means for doing it.

Your enthusiasm, support and cooperation during this crisis period are appreciable. Covid-19 has given us many reasons to look into the other side of the table. Mother Earth, Nature, Plants, Animal and Birds are demanding many things from the Human being. It's right time to understand the need of the day. Education and learning can't be stopped. Love, affection, respect, kindness, desire, positive attitude and optimistic approach can't be locked down.

Try to develop positive mindset and attitude, so that a value based success and goal can be achieved.

A quotation for all my budding technocrats

"I was always looking outside myself for strength and confidence, but it comes from within. It is there all the time." – Anna Freud

Till next newsletter all the best!

Dr. Om Prakash Sharma

Principal, DSCSDEC

Program Educational Objectives of EE

- ❖ **PEO1:** Graduates will possess expertise in problem analysis, solving, designing, skills and necessary information for a successful career in the field of Electrical Engineering.
- ❖ **PEO2:** Graduates will accomplish practical acquaintance in modern designing tools, technologies and Engineering software in Electrical Engineering.
- ❖ **PEO3:** Graduates will be outstanding in communication, teamwork and multidisciplinary approach related to engineering issues in social context.
- ❖ **PEO4:** Graduates will excel in competitive environment towards leadership and life-long learning which is needed for a successful professional career.

Program Specific Outcomes of EE

- ❖ **PSO 1:** Graduates will be able to solve real life problems of power system and power electronics using Power World, PSIM and MATLAB software tools and hardware.
- ❖ **PSO 2:** Able to provide socially acceptable technical solutions to complex electrical engineering problems with the application of modern and appropriate techniques for sustainable development.

Message from HOD, EE



"To myself I am only a child playing on the beach, while vast oceans of truth lie undiscovered before me."

-Sir Isaac Newton, American Physicist

Welcome to Department of Electrical Engineering, Dr. Sudhir Chandra Sur Degree Engineering College, one of the front-liner colleges of the JIS Group. Electrical engineering is one of most fundamental branches of Engineering. The study of Electrical Engineering deals with the generation, distribution and transmission of power with its allied disciples. Our team consists of eminent faculties who are aspiring to be doctorates and are dedicated to continuously serve the student community. We encourage research and development in latest technology. We are committed to the development of students and faculties. Our faculties share their knowledge acquired from various national and international conference and equip the students to compete with international standards.

By definition in Electrical Engineering, "Corona is a discharge caused by electrical over stress.". But in the current scenario, this definition is replaced by a new one which is the name of a deadly virus spreading COVID-19 disease. The newsletter of EE has been named CORONA which unfolds all the activities taken up by EE Department during lock-down.

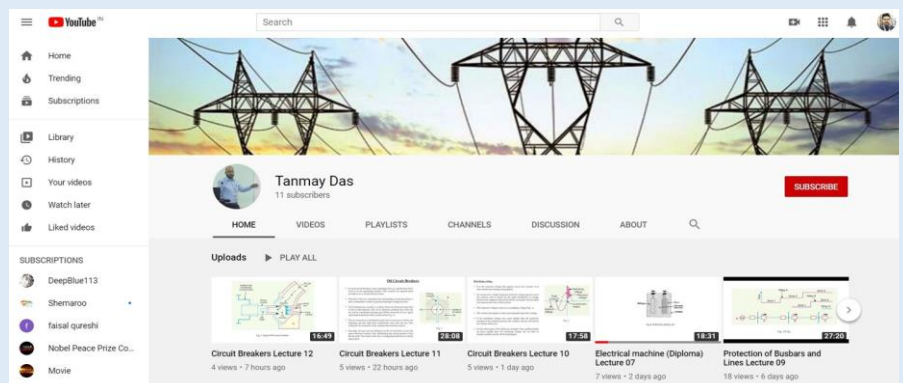
I express sincere thanks to all my students & staff members of EE department for their immense support & co-operation in the current lockdown situation.

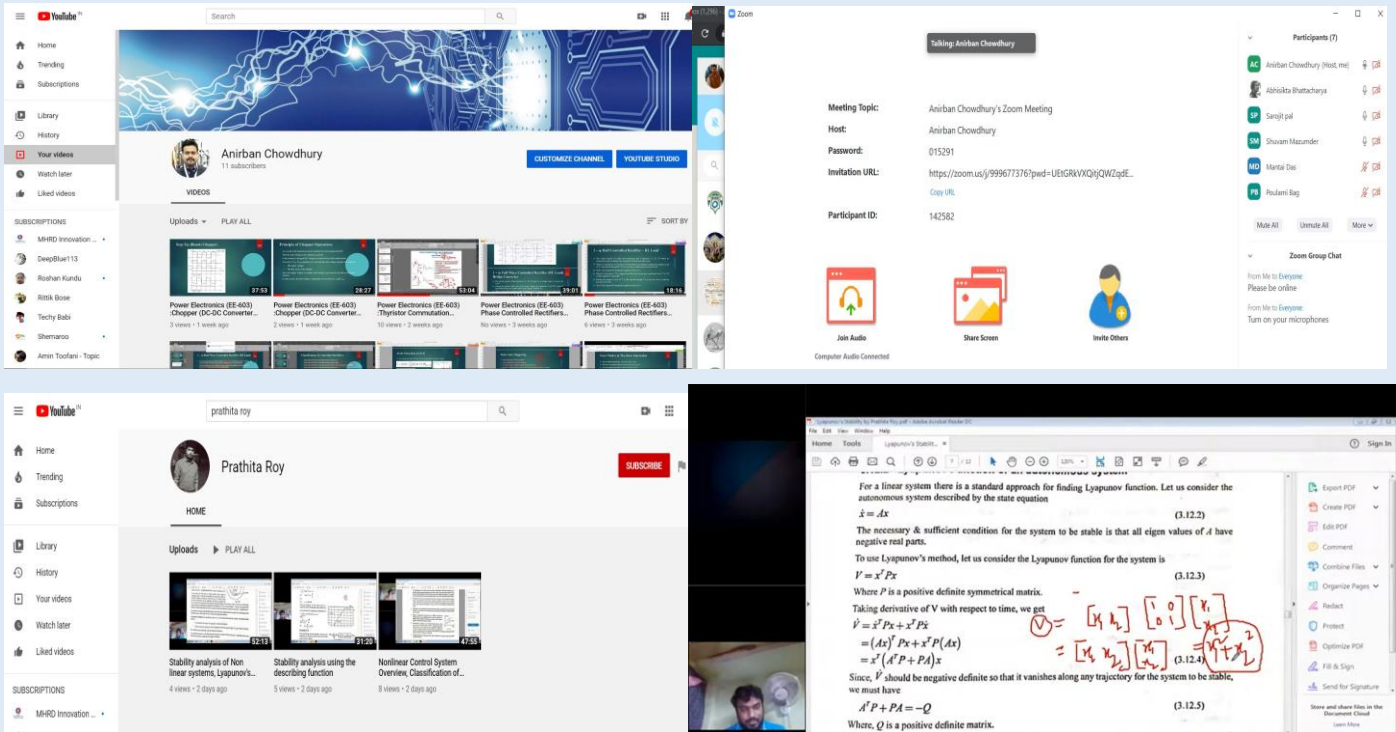
Anirban Chowdhury

HOD, EE

Digital Learning

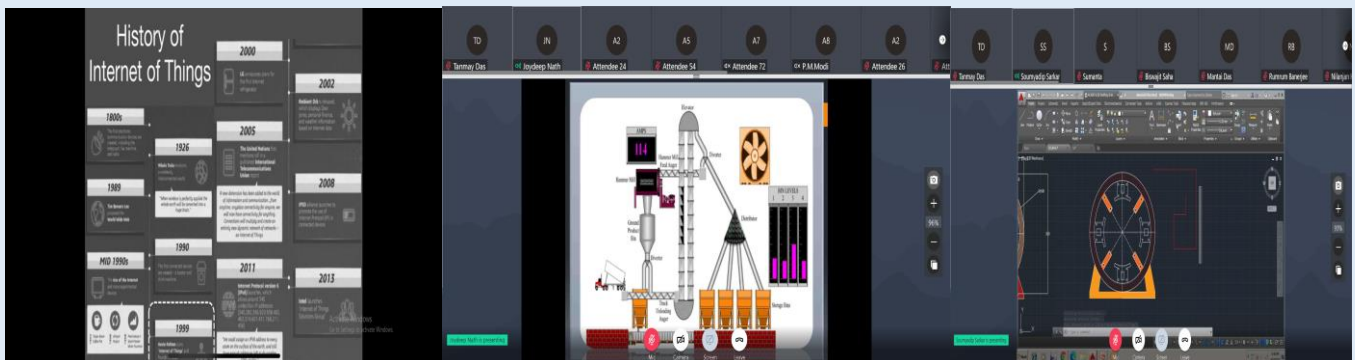
In the current lock-down scenario, teaching learning process are continuing uninterrupted. The faculties are taking theory & laboratory classes by means of several online platforms like GoToMeeting, MyPerfectice, YouTube, Google Classroom etc. Assignments, quizzes & tutorials are provided to the students which are evaluated digitally. Apart from live classes, the faculties are having their own YouTube Channels where Recorded lectures are archived.





Webinars

The department of EE has organised webinars by eminent academicians & industry persons on the latest state-of-art technologies like PLC, SCADA, IoT, AutoCAD. The students have attended these webinar sessions with lots of enthusiasm. These sessions were concluded with interactive Q&A sessions where lots of questions were answered & doubts were cleared by the experts. Some of the glimpses are shown below.



CR-e-ATIVE Idea Competition

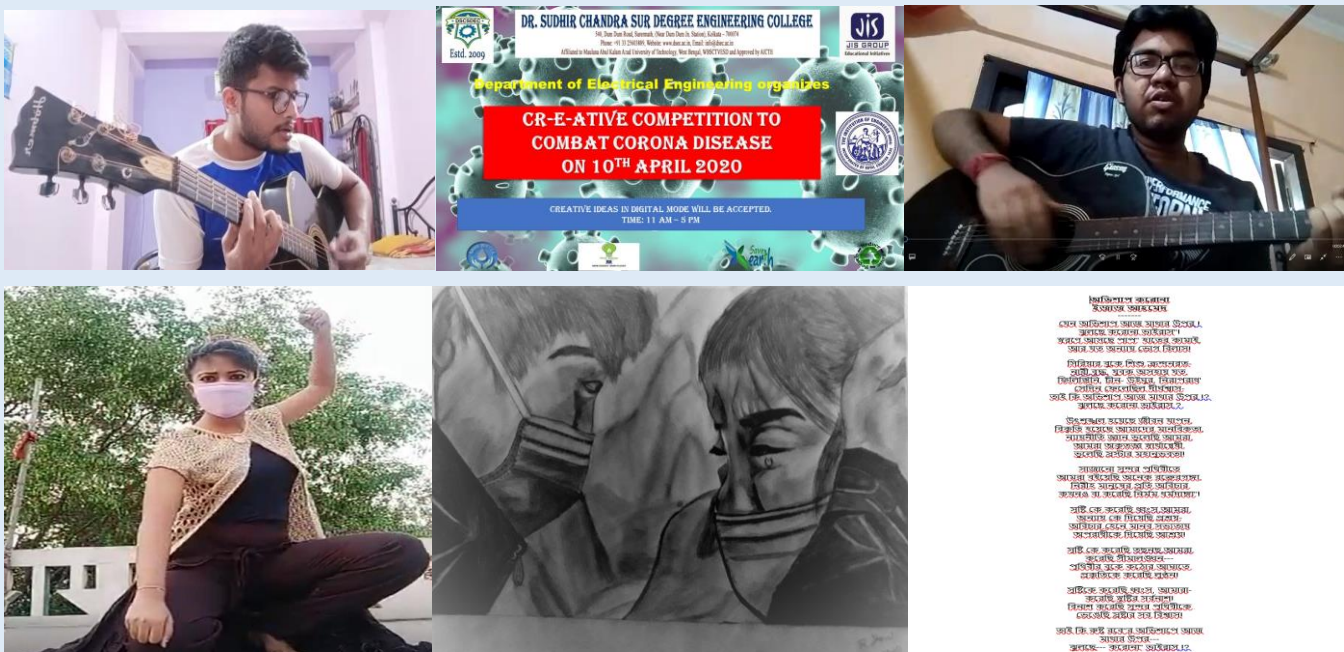
The Department of Electrical Engineering have organized CR-E ATIVE IDEA COMPETITION to combat CORONA DISEASE under the aegis of Institute of Engineers, India Student Chapter on 10th April 2020 from 10 am-5 pm for EE students. Creative ideas in the form of presentation/poetry/articles/songs etc in digital mode have been submitted by 40 student participants of EE department. All the students have shown great enthusiasm & dedication. It has been a really tough competition. They performed so well that it was hard for the judges to decide the winners.

Results of CR-E ATIVE IDEA COMPETITION

1st Position - Ria SHAW, EE 3rd Year

2nd Position - Dhruva Kishor Chakraborty & Alankita Acharjee, EE 2nd Year (jointly)

3rd Position - Izaz Ahmed, Sagnik Dutta, Ayan Banerjee, Aashika Mukherjee & Sumit Mishra, EE 4th Year (jointly)



NSS Activities

The Department of Electrical Engineering, DSCSDEC have taken initiative against the outbreak and spread of COVID19 in the crisis of LOCKDOWN. Some of the most mentionable NSS activities and initiatives by the EE Department in COVID 19 & LOCKDOWN situations are briefly mentioned below:

1. COVID-19 Awareness Presentations
2. Creative Drawing
3. Writing & reciting poems
4. Creative Dance expressing COVID-19 Do's & Don'ts
5. Making and sharing videos for social awareness related to COVID19 through online digital platforms and social media.
6. Creative Banners & Posters spreading COVID 19 Awareness
7. Watering plants & feeding animals



Ment-EE⇌OR-Transition from Mentee to Mentor

The Department of Electrical Engineering of Dr. Sudhir Chandra Sur Degree Engineering College have organized a Webinar on 'Ment-EE⇌OR---Transition from Mentee to Mentor' under the aegis of Institute of Engineers, India, Student Chapter on 27th April 2020, Monday, from 4:30PM to 5:30PM.

Mentees as Mentors:

Sagnik Dutta, EE 4th Year

Udita Dey, EE 4th Year

Soudip Sarkar, EE 4th Year

Ayan Banerjee, EE 4th Year

The department proudly appreciates the initiative, outstanding capability & skill shown by the Student Mentors in making the event a grand success.

The following were the key highlights of the session:

- ❖ Academics & Beyond the Curriculum
- ❖ Preparation for Placement & Do's & Don'ts during interview
- ❖ Preparation for Government Jobs & Higher Studies
- ❖ Digital Learning-Challenges Faced & How to cope up
- ❖ Internship-Its importance & available online resources (Intershala, Coursera etc.)
- ❖ Entrepreneurship & Startups
- ❖ Preparation for Government Jobs & Higher Studies
- ❖ Importance of Extra & Co-curricular Activities
- ❖ Q&A Session

There were a total of 50 participants including the faculty members and students of 2nd, 3rd and 4th Yr. of Dept of EE. The students have shown great enthusiasm during the session. The event was concluded by a very interactive Q&A session where different questions were asked by students regarding academics, preparation for placement, higher studies etc. The questions were meticulously answered by the Student Mentors.



SURGE-Wall Magazine of EE (COVID-19 Special Issue)

The Department of Electrical Engineering of DSCSDEC has digitally published today Thursday 7th May 2020 the e-wall magazine SURGE based on the theme "Life in Lock-down". This wall magazine is a special issue to combat with COVID-19, featuring the social and departmental activities performed by the department during the lock down period.



In-house training/Internship of students

The Department of Electrical Engineering is going to organize an 8-week in-house internship training program for EE 3rd year students in the current lockdown situation. Each group of students are tagged to each supervisor as tabulated below.

Student members	Topic Name	Guide
Roshan Kundu	Control of power and voltage of solar grid connected system	Mr. Anirban Chowdhury
Soham Pal		
Sorojit Pal		
Kailash Keshari		
Abhisikta Bhattacharya	Electrical Substation	Mr. Tanmay Das
Poulami Bag		
Shuvam Majumder		
Shovan Bala		
Pratik Chakraborty	Speed Control of Electrical Machine based on Power Electronics controller used in Cement Plant	Ms. Rumrum Banerjee
Mantai Das		
Pritam Debnath		
Palash Debnath		
Ria Shaw	An overview on control system design along with Over -Current Relay	Mr. Prathita Roy
Sumamta Naskar		
Soham Mallick		
Biswajit Saha		

Faculty Development Program (FDP)

The Department of Electrical Engineering is going to organize a 5 day FDP on Arduino for the development of its faculty members in joint collaboration with Ardent Computech Pvt. Ltd. & MicroPro Pvt. Ltd.

Dr. Sudhir Chandra Sur Degree Engineering College
540, Dum Dum Road, Surer math,
Kolkata – 700074; Phone: +91 3325603889
Website: www.dsec.ac.in
Email: info@dsec.ac.in




Estd. 2009¹ Educational Initiatives

“Faculty Development Program”
Organized by
“Electrical Engineering”
On
“ARDUINO”

Mr. S Das , Senior Trainer
ARDENT Computech Pvt Ltd.

Mr. A Sarkar, Senior Trainer
ARDENT Computech Pvt Ltd.

Mr. Joydeep Nath, Senior Trainer
Micro Pro

Date : 11th to 15th May, 2020

Stay Home ! Stay Safe ! Maintain Social Distancing

Parent Teacher Meeting (PTM)

The PTM (Parents Teachers Meeting) Semester A.Y. 2019-20 of the Department of Electrical Engineering was conducted on 11th April, 2020 at 04.30 p.m. to 6.00 p.m.(online) through Zoom Platform. **Around 35 students along with their parents attended the meeting wherein he discussed the following topics-**

- ❖ Importance of digital class was discussed during this hour of pandemic.
- ❖ Importance of student's attendance in the digital class was briefly discussed.
- ❖ Importance of attending the T&P sessions & tests.
- ❖ Importance of solving last 5 years of MAKAUT end semester question papers.
- ❖ Importance of research and need for new technology.
- ❖ Importance of preparing for GATE & other competitive examinations.
- ❖ Importance of doing innovative project work.
- ❖ Importance of publishing research papers in peer-reviewed journals/conferences.
- ❖ Parents were also requested to keep in touch with the subject teachers and mentors for their wards progress.

After the address of TIC, students and parents also interacted with subject teachers, and respective mentors. University results, Test results, Attendance, Discipline and Punctuality of a ward were discussed individually by the Mentor and counselling for improvement was given accordingly.

Following are the views and suggestions given by parents.

- ❖ Parents praised the faculty and were happy about the faculty's effort to improve their ward's future in this current scenario.
- ❖ They praised the college initiative for starting digital classes.
- ❖ Some Parents raised the network issue & constraint of data consumption.