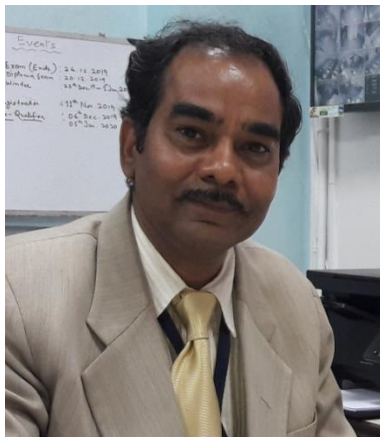


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The key to **Happiness** is not that you never get **Angry, Upset, Frustrated, Irritated** or **Depressed**. It's **how fast** you decide to **get out** of it.



I am glad to convey my best wishes and message through this news letter during this crisis period when everyone are fighting hard to combat with Covid 19, to all faculties, staff and students of Department of Electronics and Communication 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

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From TIC's Desk
Ms. Anuva Ganguly Mukherjee
(Dept. of Electronics & Communication Engineering)
Dr. Sudhir Chandra Sur Degree Engineering College.

I am delighted to introduce our current special issue of the NEWS LETTER "ECHO" i.e. "HOPE" for pandemic situation due to Covid19 as a forerunner of departmental activities.



When the enemy is invisible and rapidly advancing, human reactions tend to follow set patterns. In history the Plague and Spanish Flu outbreaks taught us about social distancing and responsibility. The Plague, a bacteria-led pandemic (1896 to 1939), caused 12 million deaths and Spanish Flu, caused by a virus, claimed 12 million lives in India over a period of just three months in 1918. (Ref. INDIA TODAY).

In 2020, as the Novel Coronavirus Disease (COVID-19), a global viral pandemic, infects Indians too. "Suddenly, companies are asking employees to work from home and public spaces are filled with people wearing masks. People largely know by now that something is wrong but to be told it is an infection with few symptoms or no symptoms at all, and anyone could give it to anyone, is terribly frightening. India is currently following a very similar approach as past -shutting down schools, public spaces, malls, cinema halls and asking the public to practice social distancing or home quarantine.

Those who have jobs on the frontlines battling COVID-19—health care workers, first responders, essential employees—"Bravo to the carers!"

Thank you to all of the courageous doctors, nurses, first responders, cleaning staff, and so many others who find themselves on the frontlines of this public health emergency. We owe each of them a tremendous debt of gratitude.

This issue contains records of notable feelings and activities of all the stakeholders of ECE Department. I do hope that the newsletter will encourage all students and faculties to use it as a platform to showcase their intellectual diversity. I gainfully recognize the patronage and support received from the Principal, DSCSDEC and management of JIS group for any and all such kind of activities and expect similar support in all future endeavors.

"Optimism is the faith that leads to achievement. Nothing can be done without hope and confidence." –

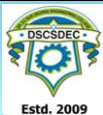
Helen Keller, Author

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From Editor's Desk
Ms. Manjari Bharati
Assistant Professor
(Dept. of Electronics & Communication Engineering)
Dr. Sudhir Chandra Sur Degree Engineering College.



A thought that has been enduring in mind when it becomes real; is truly an interesting and exciting experience. It would be a snapshot of the various activities and advancements for all associated with DSCSDEC ECE Department during lockdown period. The newsletter 'HOPE' Covid19 special will serve to reinforce and allow increased awareness, improved interaction and integration among all of us.



ECHO



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EVENTS ORGANISED

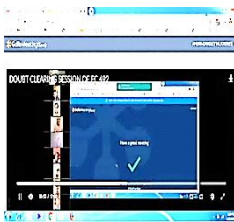
Activity /Event Type	Date of the Activity/Event	Topic of the Activity/Event	Resource person's Name/Organization
Digital online class with doubt clearing session, online mentorship meeting, online D.C. meeting, branding of department etc.	16.03.2020 till today	Classes as per MAKAUT syllabus	All faculty members and T.A.s, ECE, DSCSDEC
Webinar	06.04.2020	Webinar on Machine Learning using Python	Industry expert Mr. Mahendra Datta from "Ardent Computech Ltd."
PTM	09.04.2020	Parent Teacher meeting	ECE, DSCSDEC
Webinar	10.04.2020	Microsoft Summer Internship Program along with Microsoft Certification	Industry Expert Mr. Sandeep Jethanni (Founder Knowledge Solutions India, Microsoft AEP)
Webinar	11.04.2020	Mobile Technology (2G, 3G, 4G)	Industry Expert Mr. Krishnendu Ghosh, Bharti Airtel Ltd
Alumni Interaction Program "REUNI-O-WEB"	18.04.2020	Alumni Interaction Program "REUNI-O-WEB"	Dept. of ECE, DSCSDEC
Facebook session	23.04.2020	Facebook session	Ms. Manali Dhar, Asst. Professor, ECE, DSCSDEC
UPCOMING EVENTS			
Web-Saarang	01.05.2020	Web "SAARANG"-Cultural Meet 2K20"	Dept. of ECE, DSCSDEC (for all students of ECE)
Webinar	07.05.2020	Webinar on the theme 'ARTIFICIAL INTELLIGENCE WITH MACHINE LEARNING'	ECE("Electro-Vision: Tech Club"), DSCSDEC
Drawing competition and Digital Exhibition	09.05.2020	Drawing competition for school & college students	(Green Pearl, Nature Club), DSCSDEC

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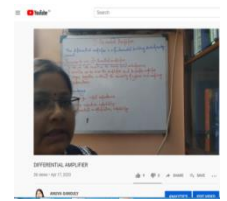
Helen Keller, Author

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Digital Online classes:

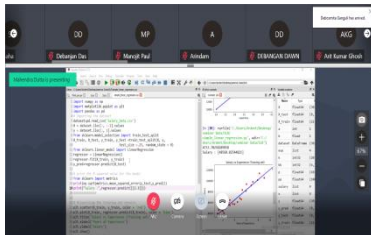


During this Lockdown crisis faculties of department of ECE have continued their teaching by using different online teaching platform like Whiteboard of Myperfectice, Bluejeans, Zoom, Google classroom and various other ways and also provided teaching materials, Assignments etc in the form of audio, audio-visual or other digital documentary mode. TA's have also taken their respective lab classes through different online portal like VirtualLab, White board etc. In regular basis they have also provided their lab assignments along with proper doubts clearing session.



Webinar on Machine Learning using Python:

The Dept of ECE of Dr. Sudhir Chandra Sur Degree Engineering College, organized a Webinar "Machine learning using Python " on 6th April 2020 from 10 AM to 12.00 PM and 12PM to 2PM for the students of 2nd , 3rd and 4th Year. The Webinar was conducted by Industry expert Mr. Mahendra Datta from "Ardent Computech Ltd.". Webinar on "Machine learning using Python " went extremely well. The student's participation was overwhelming. The following points were covered during the webinar.



- Introduction to Python Data Science & Machine Learning.
- Program discussion and objective discussion of the program.
- Demonstration of the output and graph plotting and discussion.
- Real-world application of the program like improvement in Health Care Services

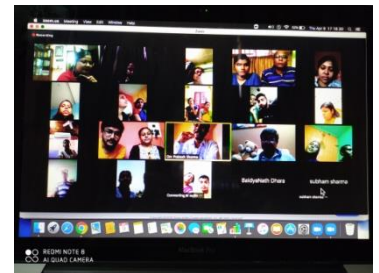


As some of the students had already undergone some training in Machine Learning and Data Science they did ask some questions which were of advanced level. Some group of 3rd year students were frequent asking questions regarding the implementation and future scope of the current programs. This had a positive response from the students.

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Parents Teachers Meeting:

Parent teacher meetings are not only meant for highlighting the problems related to academics and activities but also serves as a platform for appreciation and motivation to all. In the present COVID 19 crisis circumstances, parents are concerned about the academic progress of their wards and the faculty members are also deeply concerned about the wellbeing of the students. To discuss the student performance in this situation, a PTM was organized for the B.Tech students of ECE Department by Ms. Anuva Ganguly Mukherjee, TIC(ECE) on 9th April, 2020, 5.00pm onwards, over ZOOM platform. All the respective mentors and faculty members along with Prof. (Dr.) Om Prakash Sharma, Principal, DSCSDEC were present in the meeting. Parents showed their gratitude and appreciation about the innovativeness that we have brought into our teaching methodology. All the students and their parents unanimously appreciated the efforts of honorable M.D. Sir JIS Group, Principal DSCSDEC and all others for continuous support and immediate action taken in this period of emergency for uninterrupted Digital Learning. All the family members like students from 2nd, 3rd, 4th year and their mentors were under one roof of the Zoom Platform and made the event a grand success. "STAY HOME, STAY SAFE, Maintaining #Social Distancing"



Principal, DSCSDEC were present in the meeting. Parents showed their gratitude and appreciation about the innovativeness that we have brought into our teaching methodology. All the students and their parents unanimously appreciated the efforts of honorable M.D. Sir JIS Group, Principal DSCSDEC and all others for continuous support and immediate action taken in this period of emergency for uninterrupted Digital Learning. All the family members like students from 2nd, 3rd, 4th year and their mentors were under one roof of the Zoom Platform and made the event a grand success. "STAY HOME, STAY SAFE, Maintaining #Social Distancing"

Webinar on Microsoft Summer Internship Program along with Microsoft Certification:




A Webinar on Theme: "Microsoft Summer Internship Program" along with Microsoft Certification by Industry Expert Mr. Sandeep Jethanni (Founder Knowledge Solutions India, Microsoft AEP) has organized by DSCSDEC on Friday, 10th April, 2020 from 1:00 PM onwards for 3rd year & 4th Year students. We are extremely delighted to inform you that the Webinar on "Summer Internship Program" went extremely well. The student's participation was overwhelming. The following points were covered during the webinar



Certification by Industry Expert Mr. Sandeep Jethanni (Founder Knowledge Solutions India, Microsoft AEP) has organized by DSCSDEC on Friday, 10th April, 2020 from 1:00 PM onwards for 3rd year & 4th Year students. We are extremely delighted to inform you that the Webinar on "Summer Internship Program" went extremely well. The student's participation was overwhelming. The following points were covered during the webinar



The students were keen on each and every topic and were frequent at asking questions regarding the process of enrollment and certification.

-  Introduction to online project based summer training program
-  Demonstration done on criterion, selection process and patterns of questions in every round of campus interview of reputed companies like TCS, Infosys etc.
-  Discussion held on different software languages required by industry nowadays.

The students were keen on each and every topic and were frequent at asking questions regarding the process of enrollment and certification.

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Helen Keller, Author

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A Webinar on Mobile Technology(2G,3G,4G) :



The IETE student chapter of Dept of ECE, Dr. Sudhir Chandra Sur Degree Engineering College organised a Seminar on "Mobile Technology(2G, 3G, 4G)" on 11th April 2020 from 11 AM on Zoom platform for all the students of Department of Electronics & Communication Engineering. The Seminar was conducted by **Industry expert Mr. Krishnendu Ghosh, Senior Manager(Network) from "Bharti Airtel Limited"**. We are extremely delighted to inform you that the webinar on "Mobile Technology(2G, 3G,4G)" went extremely well. The student's participation was overwhelming. The following points were covered during the webinar.

- ✚ Introduction to Wireless Communication System.
- ✚ Mobile Telecom System Architecture
- ✚ Communication using 2G, 3G and 4G Architecture

The students were keen on each and every topic discussed by the expert and were frequently asking questions regarding the process of BTS installation.

Alumni Interaction Program "REUNI-O-WEB" :

Department of Electronics & Communication Engineering, DSCSDEC organised Alumni Interaction Program "REUNI-O-WEB" on 18th of April, SATURDAY,



6 pm onwards. The main objective of the program is to know the impact of the situation of COVID-19 around them and to share their working experience during this lock down period. More than two hundred alumni participated in this "REUNI-O-WEB" along with our honourable Principal Sir, Prof. Dr. Om Prakash Sharma and Departmental staff members. It was a pleasant evening with the smiling face of our Alumni and really it was an enjoyable interactive session.



We are looking forward to organizing more Alumni Interaction programs so that our students can feel more spirited in these lockdown days.

Facebook session :



Department of Electronics and Communication Engineering of Dr. Sudhir Chandra Sur Degree Engineering College is organizing an

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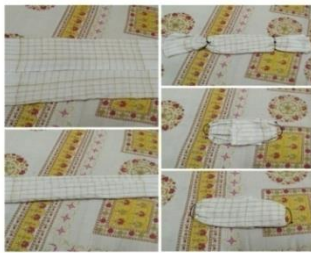
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Online B.Tech Career Counseling Programme on Facebook on 23rd April, 2020.

Social Activities performed by the Department during lockdown period:

1. Mask preparation
2. Making and sharing videos for social awareness related to COVID19 AND LOCKDOWN through online digital platforms and social media.
3. Necessary food distributions to help the poor and needy person.
4. Feeding of animal.



Covid19 related photography by the students of ECE Department:



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Social awarness spreading by the students

Sl no	Link	Prepared by
1	https://m.facebook.com/story.php?story_fbid=977916429294853&id=100012295154004	Jyoti Kumari, 4th Year, ECE
2	https://m.facebook.com/groups/2864447856910646?view=permalink&id=3096619363693493	Kazi Bakibillaho, 4th Year, ECE
3	https://www.facebook.com/groups/213820393180736/permalink/214303559799086/	Poulami Saha, 4th Year, ECE
4	https://www.facebook.com/groups/213820393180736/permalink/213839993178776/	Poulami Saha, 4th Year, ECE
5	https://m.facebook.com/story.php?story_fbid=137550771144946&id=100046700701166?sfnsn=wiwspwa&extid=6qdpjrixPgcA2yg	Arpita Pal, 4th Year, ECE
6	https://m.facebook.com/story.php?story_fbid=137602901139733&id=100046700701166?sfnsn=wiwspwa&extid=a0sxC3GTQAuAaWrU	Arpita Pal, 4th Year, ECE
7	https://m.facebook.com/groups/523650308295338?view=permalink&id=524668498193519	Aniruddha Nandi, 4th Year, ECE
8	https://m.facebook.com/groups/523650308295338?view=permalink&id=540063703320665	Aniruddha Nandi, 4th Year, ECE
9	https://youtu.be/28a9BOE8hIM	Students of 2nd Year, ECE
10	https://m.facebook.com/story.php?story_fbid=1118711941827817&id=100010670642319	Students of 2nd Year, ECE

Other activities of the students during lockdown:



WE SHALL OVERCOME THE PANDEMIC SITUATION

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