

HETC Chronicle

Principal's Column

I am glad to hear that after a long gap of two and a half years the e-newsletter of our college 'HETC Chronicle' is going to be published again. In between, we went through one of the darkest phases of our lives, fighting against the COVID-19 pandemic through the maze of lockdowns, home isolations and a long procession of seemingly endless deaths. This publication is a bright ray of hope that life is still thriving.

As an educational institute we had to make sure that teaching-learning process continued during this turmoil and I am happy to say that we were able to rise to the occasion. We shifted to online mode of teaching using virtual classroom and LMS and the students attended the theory and laboratory classes through their PCs, laptops or smartphones from their homes. Examinations were also conducted successfully through online mode.

This edition of the e-newsletter has covered the whole period right from January 2020 to June 2022. I specially congratulate the entire team of 'HETC Chronicle' for a timely and quality publication of the newsletter against all odds.

Campus News

- The Annual Cultural Fest of HETC, *UTKARSHA 2020*, was held on February 12 at Aqua Marina Theme Park, Hooghly. More than 100 students performed in the event, and around 75 were volunteers. Renowned singer Raj Burman and the famous rock band TRAP performed in the musical evening.



- The Annual Sports Meet of the institute was held on February 20, 2020, at the college playground. The enthusiastic & active participation of the students made the meet colourful and happening. The boys' events included 300 mts. run, long jump, high jump and shot put. Events like 100 mts. run, balance race, potato race and musical chair were conducted for the girls.



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- *TECHetc2K20* was held on 28-29th February 2020 within the college premises. In this Inter-College Technical Fest, more than 600 students from 42 institutes, including our college, participated. Technical events were organized for the school students too.



- Faculties from different departments participated in the Online Workshop conducted by *The Art of Living Foundation* from 12th-14th June 2020 for AICTE affiliated Institutions to build overall immunity during the covid-19 pandemic period.
- NSS Unit of HETC, in collaboration with *Paschim Banga Vigyan Mancha, Bandel Mogra Vigyan Kendra*, organized a tree plantation session at the HETC campus on July 14, 2020, to celebrate the forest week, maintaining all Covid-19 protocols.



- The institute organized an online Faculty Knowledge Sharing Program on “Enrichment of Teaching Ability through Online mode and Classroom Management in The New Normal” in collaboration with ICF AI Business School, Kolkata, on July 25, 2020. All faculty members from different departments participated in the program.

- Faculties from different departments participated in a 2-week online FDP from 17-08-2020 to 31-08-2020 on the ‘Moodle Learning Management System’. The training was offered by the Spoken Tutorial Project, IIT Bombay.
- An orientation program was organized for the newly admitted students of the college on YouTube on November 18, 2020. A fifteen-day-long induction program followed the program.
- The freshers’ welcome ceremony was organized in the virtual mode on YouTube by the students of the 2nd year for the entrants of the 2020 batch on July 23, 2021. YouTube Link: <https://youtu.be/T9xwIL3YwmU>



- The college students organized a virtual farewell program, ‘Kabhi Alvida Naa Kehna’ for the students of 2016-2020 & 2017-2021 batches on YouTube on July 30, 2021. YouTubeLink: <https://youtu.be/qq4Dhf-2Dz8>



- The institute organized an online Faculty Knowledge Sharing Program on “Enrichment of teaching ability through online mode and Classroom Management in The New Normal” in collaboration with ICFAI Business School, Kolkata, on July 31, 2021. All faculty members from different departments participated in the program.
- On August 15, 2021 NSS Unit of HETC organized a program to celebrate the 75th Independence Day (Azadi Ki Amruth Mohotsob) with a flag hoisting session, tree plantation and a cultural program on YouTube in virtual mode maintaining the covid protocols.



- The students of HETC organized a program on September 5, 2021, in virtual mode on the occasion of Teachers’ Day on YouTube to express their love and gratitude for their respected teachers and all associated with the teaching fraternity. YouTube Link: <https://youtu.be/TPXHcmzhF3c>



- TECHetc 2k21 was held on 15-16th September 2021. 228 students from different colleges and 186 students from different schools participated in the Technical Fest. There were 13 events for college students and 2 events for school students. Some of the exciting events were Hunt for Fun, Math Mania, and Technical Crossword. Hardcore technical events like CODE-2-DUO, CODE-RESTYLE, CIRCUITECH, Civil-O-Pedia, μ -MAT, INSTANT CIRCUIT, and insta-PLAN also drew the attention of the participants. However, gaming events like online CHESS and 8 BALL-POOL received maximum participation. Like the previous years, the school students also participated enthusiastically in the respective events.
- On September 24 2021, the 53rd NSS day was celebrated by organizing two webinars. The speakers were Dr. Sujit Das, Assistant Professor, CSE, NIT Warangal and Dr. Sankar Mukherjee, HOD & Associate Professor, CSE, SETGOI. New member registration also started on that day.

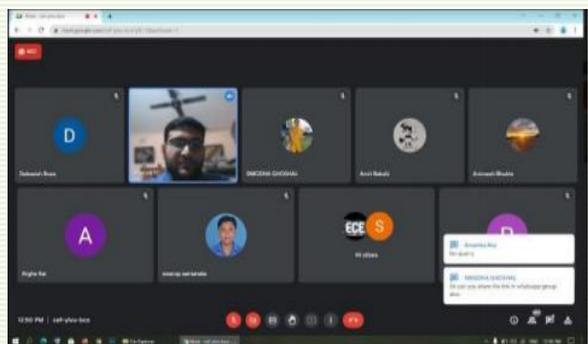


- The institute secured 98th Rank (AIR) for Internship Day 2021 conducted by Internshala.
- An orientation program was organized for the newly admitted students of the college on YouTube on October 22 2021. A fifteen-day-long induction program followed the program.

- Students and faculties from different departments participated in the 'SAMBHAV' awareness programme, a National Level Programme on Entrepreneurship, on 27-10-2021. The Department of MSME organized the program, the Government of India, in collaboration with Khadi and Village Industries Commission, WB.
- On October 28 2021, the HETC NSS unit organized the 'Swachh Bharat' program at the institute campus in collaboration with the MAKAUT NSS unit.



- 1st-year students of HETC were given an overview of the rules of the NSS Unit of HETC and the National Service Scheme (NSS) on 8.11.2021. In the end, the students were given a digital leaflet containing the objectives and rules of NSS and a Google form for joining the HETC NSS unit.



- On November 26 2021, the NSS Unit of HETC organized a program for students to read the Constitution preamble in the Parliamentary Affairs Committee portal, followed by an online quiz session.
- As per the directives of Govt. of India, two events were held on December 1, 2021, under the banner of 'SWACHHTA PAKHWADA – Azadi Ka Amrit Mahotsav'. In the pandemic situation, all the NSS volunteers were encouraged to participate in the events keeping the restrictions and rules of Covid in mind. 112 students participated in the event 'Tree plantation in Recyclable Containers', and 66 students participated in the event 'Clean your Neighbourhood'.



- The Annual Cultural Fest of HETC - UTKARSHA 2022 was held on March 25 at Aqua Marina Theme Park, Hooghly. More than 120 students performed in the event. Among others, vibrant attires and stellar students' performances in the Ramp Walk event enthralled the audience. The attraction of the musical evening was singer Snigdha Jeet Bhowmik and the rock band Underground Authority.



- NSS Unit of HETC with The Art of Living Foundation organized an online Workshop on May 14 2022, on the zoom platform for "The Countdown of International Day of Yoga".
- The NSS unit of HETC organized a tree plantation program on June 6 2022, on the college campus to celebrate World Environment Day.



- NSS Unit of HETC celebrated "The International Yoga Day" on 21.06.2022 on the HETC campus.



NPTEL

NPTEL REPORT								
Session	Present	Gold	Elite	Silver	Successful	Participation	Topper	NPTEL Stars
JAN-DEC 2020	70	1	27	13	13	16	2	0
JAN-APR 2021	56	1	20	7	12	16	0	0
JUL-DEC 2021	19	0	5	3	5	6	1	2
JAN-APR 2022	73	0	17	33	9	14	1	0

Spoken Tutorial

The following Free and Open Source Software (FOSS) Training programs (through Spoken Tutorial) were organised in collaboration with IIT-BOMBAY under NMEICT, MHRD, Govt. of India:-

Name of the Course	Department & Year	Academic Session	Faculty Coordinator(s)
LATEX	CE 3rd Year	2019-20, Even Semester	Ms. Arpita Das
GIS – QGIS	CE 3rd Year	2019-20, Even Semester	Ms. Arpita Das
Linux	CE 3rd Year	2019-20, Even Semester	Dr. Tanumoy Ghosh
PHP and MySQL	CSE 4th Year	2020-21, Even Semester	Mr. Sandeep Bhowmik
Linux	CSE 4th Year	2020-21, Even Semester	Mr. Sirshendu Hore
Java Business Application	CSE 4th Year	2020-21, Even Semester	Mr. Sirshendu Hore
Introduction to computer	CE 2nd Year	2020-21, Odd Semester	Ms. Piyali Das
GIS - QGIS	CE 4th year	2020-21, Odd Semester	Dr. Tanumoy Ghosh
Linux	CE 2nd Year	2020-21, Odd Semester	Ms. Arpita Das
PHP and MySQL	CSE 4th Year	2020-21, Even Semester	Mr. Sandeep Bhowmik
Linux	CSE 4th Year	2020-21, Even Semester	Mr. Sandeep Bhowmik
Java Business Application	CSE 4th Year	2020-21, Even Semester	Mr. Sirshendu Hore

Introduction to Computer	CSE, 1st Year	2021-22, Even Semester	Dr. Pratyay Debnath
Introduction to Computer	CE, 1st Year	2021-22, Even Semester	Mr. Pradip Ghosh
Introduction to Computer	EE, 1st Year	2021-22, Even Semester	Dr. Abhranil De
Introduction to Computer	ME, 1st Year	2021-22, Even Semester	Mrs. Sudeshna Banerjee
Introduction to Computer	ECE, 1st Year	2021-22, Even Semester	Mr. Jagadish Bhattacharaya
C and CPP	ECE 2nd Year	2021-22, Even Semester	Mr. Subhojit Malik

Departmental Academic Activities

Civil Engineering Department,

- The Department of Civil Engineering and M/S GIDS Engineering Pvt. Ltd have mutually signed a Memorandum of Understanding for a tenure of Five Years.
- The Department of Civil Engineering tested Concrete Cubes of various grades for M/S Cosmic, Goghat Gram Panchayet Karyalaya.
- The Department of Civil Engineering tested Concrete Cubes of various grades for Roy and Sahani developers private limited, Boinchee, Pandua, Hooghly, West Bengal, India.
- The following Free and Open Source Software (FOSS) Training programmes (through Spoken Tutorial) were organised in collaboration with IIT-BOMBAY under NMEICT, MHRD, Govt. of India.
- HETC has been designated as a Local Chapter of SWAYAM-NPTEL. The following courses have been offered this semester through the SWAYAM-NPTEL platform:

Name of the course	Name of the mentor	Year
Plastic Waste Management	Asst. Professors Tanumoy Ghosh, Arpita Das, and Piyali Das	2020-2021, Even Semester
Introduction to Civil Engineering Profession	Asst. Professor Arpita Das	2020-2021, Even Semester

Electronics & Communication Engineering / Electronics & Tele-Communication Engineering Department,

- The ECE Department organised a Webinar on “Microwave and Millimeter-Wave: Applications and Challenges” on 23rd May 2020. Speaker: Dr. Arani Ali Khan, Assistant Professor, EE Dept, IIT Jodhpur.

- The ECE Department organised a Web talk on “Connected World & IoT” on June 06, 2020. Speaker: Our Alumnus, Mr. Arnab Ghosh from Accenture Tech.
- A Webinar was organised in collaboration with the ECE Department and Euphoria GenexX on “Virtual Industry Visit” on May 17, 2021. Speakers: 1) Mrs. Joendrisa Tagore -- Vice President of T-Web Exponent Services Pvt. Ltd... 2) Mr. Anirban Banerjee -- Sr. Manager of Euphoria GenX... 3) Mr. Saumitra Das -- Technical Head of Euphoria GenX... 4) Mr. Tridib Kr. Sinha -- Head -- HR & Academics.
- A Web talk was organised in collaboration with the ECE Department and Euphoria GenexX on “Python & its Applications (Web Application Development, Machine Learning & Django)” on March 28, 2022.

Basic Science & Humanities Department,

- Special Web Talk (webinar) organised by BSH Department on “Graphic Designing as a Career Option” on July 12, 2020. Guest Speaker: Internationally acclaimed graphic designer Dr. Pinaki De, Associate Professor, Raja Peary Mohan College (Calcutta University). Topic: The look of the Book: My Journey as a Cover Designer. Programme Host: Subham Ganguly.

Students' Achievements

- Nabannya Hazra completed the online “Satellite Photogrammetry and its Application” course. The Indian Institute of Remote Sensing (IIRS) conducted the course from 29-06-2020 to 03-07-2020 at the IIRS outreach network Centre, West Bengal Survey Institute.
- Sukanta Karmakar from 4th year ECE Department, stood 1st in u-MAT, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Ayan Bag from 4th year ECE Department, stood 2nd in u-MAT, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Debjit Das from 4th year ECE Department, stood 3rd in u-MAT, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Sounak Chakraborty and Abhishek Manna from 3rd year ECE Department stood 3rd in Code2Duo, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Sayan Gupta from 3rd year ECE Department, stood 1st in CircuTech, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Arka Guha from 4th year ECE Department, stood 1st in CircuTech, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Sounak Chakraborty from 3rd year ECE Department stood 3rd in 8Ball Pool, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Debjyoti Pal from 3rd year ECE Department, stood 1st in Cross Word ECE, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.

- Saumin Dutta from 4th year ECE Department, stood 2nd in Cross Word ECE, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Debjit Das from 4th year ECE Department, stood 3rd in Cross Word ECE, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Jyotiska Saha, 4th year ECE Department, published a research paper on “Effective Fatality Alert System using Predictive Learning” in International Journal of GIS Science Journal, ISSN: 1869 – 9391, Volume 9, Issue 3, March 2022.
- Sayan Mukherjee, Birendra Shaw 4th year CE Department, stood 1st in Civil-O-Pedia, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Rishiraj Bagchi, Kuntal Naskar, 4th year CE Department, stood 2nd in Civil-O-Pedia, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Somoshree Dey and Swarnabha Sarkar, 4th year CE Department, stood 3rd in Civil-O-Pedia, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Biswajit Kundu, Godhuli Sarkar, 4th year CE Department, stood 1st in Hunt for Fun, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Rishiraj Bagchi, 4th year CE Department, stood 1st in CHESS, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Shrijon Basu, 2nd year CE Department, stood 2nd in CHESS, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Debabrata Singharoy, Niranjana Majhi, 4th year CE Department, stood 1st in Insta-Plan, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Chiranjeeb Kundu, 3rd year CE Department, stood 2nd in Insta-Plan, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Rupa Hazra and Soumen Das, 3rd year CE Department, stood 3rd position in the event Insta-Plan, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Rishiraj Bagchi, 4th year CE Department, stood 2nd in 8-Ball- Pool held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Gaurav Mishra, 3rd year CE Department, stood 2nd position in the event TechXworD, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Anindya Sundar Gupta, 4th year, Civil Engineering Department, secured 3rd position in the event TechXworD, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Soumen Das, 3rd year CE Department, HETC, secured the 3rd position in the event Insta-Plan, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.

- Sayak Kumar Khanra, 4th year, Civil Engineering Department, secured 1st position in the event TechXworD, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Rupayan Biswas, 4th year Civil Engineering Department, secured 1st position in the event LogiCAD, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Sambit Saha, 4th year Civil Engineering Department, secured 2nd position in the event LogiCAD, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Debabrata Singha Roy, 4th year Civil Engineering Department, secured 3rd position in the event LogiCAD, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Amit Biswas, 4th year Civil Engineering Department, secured 2nd position in the event Math-Mania, held as part of the Technical Fest - TECHetc 2k21 during 15–16 September 2021 at Hooghly Engineering & Technology College.
- Joly Kole, 2nd year CE, completed a workshop under the ACAAD centre with an A grade in September 2021.
- Samyamoy Bhattacharya, 2nd year Civil Engineering Department, Completed an Online Session on Password and Wifi Security: Securing Digital Space conducted by C-DAC, Noida, in association with CERT-In sponsored by the Ministry of Electronics and Information Technology during the Cyber Security Awareness Month, October 2021.
- Rohan Mukherjee, 4th year, CE Department, got an offer to study at UNSW Sydney University, ranked 27th in the world by employers and 43rd overall in the QS World University Rankings 2021/22.
- Samyamoy Bhattacharya, 2nd year Civil Engineering Department, got awarded as a Cyber Hygiene Practitioner from ISEA on 02-01-2022.
- Jyotiska Saha, 4th year ECE Department, published a research paper on “Effective Fatality Alert System using Predictive Learning” in International Journal of GIS Science Journal, ISSN: 1869 – 9391, Volume 9, Issue 3, March 2022.

Faculty Participation

- Mr. Subhajit Roy, Assistant Professor, ECE Department, attended a 1-Day NPTEL SPOC Workshop on February 01, 2020, conducted by IIT, KGP.
- Mr. Subhajit Roy, Assistant Professor, ECE Department, attended a 4-Day Workshop on “Examination Reforms” from April 29 to May 02, 2020, conducted by AICTE.
- Mr. Sirshendu Hore, Assistant Professor, CSE Department, acted as a Nodal Faculty in Exam Reform Program from 29-04-2020 to 02-05-2020. AICTE organised the event.

- Ms. Debolina Pradhan completed a five-day workshop on “Design, Analysis and Application For Power Electronics Converter” organised by the Dept. of Electrical and Electronics Engineering, BMSCE, IEEE PELS & IES Bangalore Chapters from May 11 to May 15, 2020.
- Mr. Subhrajit Malik, Assistant Professor, ECE Department, attended a Webinar on “Microwave and Millimetre-Wave Applications and Challenges” on May 28, 2020, conducted by ECE Department, Hooghly Engineering & Technology College.
- Mr. Subhrajit Roy, Assistant Professor, ECE Department, organised and hosted a Webinar on “Microwave and Millimetre-Wave Applications and Challenges” on May 28, 2020, conducted by ECE Department, Hooghly Engineering & Technology College.
- Mr. Jagadish Bhattacharya, Assistant Professor, ECE Department, attended a Webinar on “Microwave and Millimetre-Wave Applications and Challenges” on May 28, 2020, conducted by ECE Department, Hooghly Engineering & Technology College.
- Mr. Subhrajit Roy, Assistant Professor, ECE Department, attended a Webinar on “VCs’ Round Table-Higher Education beyond Covid-19” on May 30, 2020, conducted by ABP Education.
- Mr. Subhrajit Roy, Assistant Professor, ECE Department, attended a Webinar on “Connected World and IoT” on June 06, 2020, conducted by ECE Department, Hooghly Engineering & Technology College.
- Mr. Subhrajit Roy, Assistant Professor, ECE Department, attended a Webinar on “Media Educators. Round table” on June 06, 2020, conducted by ABP Education.
- Mr. Subhrajit Malik, Assistant Professor, ECE Department, attended a Webinar on “Connected World and IoT” on June 06, 2020, conducted by ECE Department, Hooghly Engineering & Technology College.
- Mr. Jagadish Bhattacharya, Assistant Professor, ECE Department, attended a Webinar on “Connected World and IoT” on June 06, 2020, conducted by ECE Department, Hooghly Engineering & Technology College.
- Mr. Subhrajit Roy, Assistant Professor, ECE Department, attended a Webinar on “Engineering tomorrow: New fields, Newer prospects” on June 13, 2020, conducted by ABP Education.
- Mr. Sandeep Bhowmik, Assistant Professor, CSE Department, participated in the “Data Mining and Applications” webinar organised by the Department of Information Technology, Maulana Abul Kalam Azad University of Technology, on June 20, 2020.
- Mr. Subhrajit Roy, Assistant Professor, ECE Department, attended a Webinar on “Design Education: The New Future” on June 27, 2020, conducted by ABP Education.
- Mr. Subhrajit Malik, Assistant Professor, ECE Department, attended a 1-Day Workshop on “5G: Looking into the future” on June 29, 2020, conducted by IEEE SRM AP Student branch and IEEE Guntur Subsection and ECE Department, SRM University.
- Mr. Subhrajit Roy, Assistant Professor, ECE Department, completed Coursera Administrator Training on June 29, 2020, authorised by Coursera.

- Mr. Sirshendu Hore, Assistant Professor, CSE Department, participated in a webinar on “Data Science and Applications: Present and Future” organised by Maulana Abul Kalam Azad University of Technology, West Bengal(MAKAUT, WB), held on June 30, 2020.
- Mr. Sandeep Bhowmik, Assistant Professor, CSE Department, participated in the webinar titled “Data Science and Applications: Present and Future” organised by Maulana Abul Kalam Azad University of Technology held on June 30, 2020.
- Mr. SubhojitMalik, Assistant Professor, ECE Department, attended a Webinar on “ASIC Design Flow using SCL180nm on Mentor Graphics Tools” on July 02, 2020, conducted by CoreEL Technologies and Mentor.
- Mr. Subhajit Roy, Assistant Professor, ECE Department, completed a Six-Weeks Online Training on “Programming with Python” from May 22, 2020, to July 03, 2020, conducted by Internshala.
- Mr. Manish Kumar Singh, Assistant Professor, ECE Department, attended the online “Satellite Photogrammetry and its Application” course. The Indian Institute of Remote Sensing (IIRS) conducted the course from 29-06-2020 to 03-07-2020. The participant attended the course at the IIRS outreach network centre, Hooghly Engineering & Technology College.
- Mr. Swarup Samanta, Assistant Professor, ECE Department, attended the online “Satellite Photogrammetry and its Application” course. The Indian Institute of Remote Sensing (IIRS) conducted the course from 29-06-2020 to 03-07-2020. The participant attended the course at the IIRS outreach network centre, Hooghly Engineering & Technology College.
- Mr. Subhajit Roy, Assistant Professor, ECE Department, attended a Webinar on “Best Practice for Teaching Online” on July 04, 2020, conducted by ABP Education.
- Mr. Swarup Samanta, Assistant Professor, ECE Department, participated in the 9th National Seminar(web) on Ancient Indian Science and Technology organised by NITTTR Kolkata in collaboration with knowledge partner SPIU, Uttar Pradesh, on July 13, 2020, successfully.
- Ms. Swagata Choudhury, Assistant Professor, ECE Department, attended a National Webinar on “Ancient Indian Science and Technology” organised by NITTTR, Kolkata, on July 13, 2020.
- Mr. Swarup Samanta, Assistant Professor, ECE Department, attended the Faculty Knowledge Sharing Program on “Classroom Management in New Normal” held on 25/07/2020 at Kolkata.
- Ms. Arpita Das, Asst. Professor of the CE Department, Participated in the webinar on “Demystifying Green Building:Edge Discovery Workshop “on July 25, 2020,organised by Association of consulting civil Engineers I, Bengaluru center and M/s The Ramco cements limited.
- Ms. Arpita Das, Asst. Professor, CE Department, attended a webinar on “Career Opportunities in Civil Engineering” delivered by Mr. Sandeep Pingale, organised by the Department of Civil Engineering of Anjuman-I-Islam’s Kalsekar Technical Campus, New Panvel, on July 25, 2020.
- Ms. Swagata Choudhury, Assistant Professor, ECE Department, attended a Webinar on “Enrichment of Teaching Ability through Online Mode and Classroom Management in the New Normal” organised by ICFAI Business School, Kolkata, on July 25, 2020.

- Mr. Swarup Samanta, Assistant Professor, ECE Department, attended a one-week “IOT Programming With Arduino” workshop from July 21, 2020 to July 27, 2020.
- Mr. Swarup Samanta, Assistant Professor, ECE Department, attended a one-day “Python Programming and Applications Technology” workshop on July 28, 2020.
- Mr. Debasish Bose participated in the webinar “Enrichment of teaching ability through online mode & Classroom Management in The New Normal” organised by ICFAI Business School on July 31, 2020.
- Ms. Priyanka Ghosh participated in the webinar on “Enrichment of teaching ability through online mode & Classroom Management in The New Normal” organized by ICFAI Business School on July 31, 2020.
- Mr. Swarup Samanta, Assistant Professor, ECE Department, attended a five days e-workshop program organised by CST Department, Sheikpara ARM Polytechnic, conducted by the technical expert team of Ardent Computech Pvt. Ltd. from 27/07/2020 to 31/07/2020.
- Mr. Sandip Das completed a course, “Introduction to the Internet of Things and Embedded Systems”, offered by the University of California, Irvine and Coursera in July 2020.
- Mr. Sandip Das participated in the webinar on “Enrichment of teaching ability through online mode(Quick Force) & Classroom Management in The New Normal” organised by ICFAI Business School on July 25, 2020.
- Mr. Rajdip Paul, Asst. Professor, CE Department, participated in the Faculty Knowledge Sharing Program on “Classroom Management in The New Normal” Held on July 25, 2020, at Hooghly Engineering & Technology College (HETC) hosted by ICFAI Business School, Kolkata.
- Mr. Subhajit Roy, Assistant Professor, ECE Department, completed Coursera Project on Use Canva to Create Social Media Marketing Designs on August 07, 2020.
- Mr. Shibashis Deb, Asst. Professor, CE Department, completed a Webinar on “Planning & Design of Sustainable Transportation Infrastructures” by IEST, Shibpur, Howrah, W.B. on August 10, 2020.
- Mr. Subhajit Roy, Assistant Professor, ECE Department, attended a “Bengal Education Leaders’ Summit with Education Minister Partha Chatterjee: Is higher Education in Bengal today geared for Careers for Tomorrow?” on August 12, 2020, conducted by ABP Education.
- Mr. Swarup Samanta, Assistant Professor, ECE Department, has participated in the 3rd National Seminar (web) on Atmanirbhar Bharat: Environmental Sustainability organised by NITTTR Kolkata in collaboration with knowledge partner SPIU, Uttar Pradesh held on August 16, 2020, successfully.
- Ms. Arpita Das, Asst. Professor, CE Department, participated in the webinar titled “Role of a structural engineer for Earthquake Disaster Mitigation” on 25th August 2020, organised by the Department of Civil Engineering, Meghnad Saha Institute of Technology.
- Mr. Sirshendu Hore, Assistant Professor, CSE Department, participated in the Faculty Development Programme on Moodle Learning Management System offered by the Spoken Tutorial Project, IIT Bombay, held from 17-08-2020 to 31-08-2020.

- Mr. Sandeep Bhowmik, Assistant Professor, CSE Department, participated in the Faculty Development Programme on Moodle Learning Management System offered by the Spoken Tutorial Project, IIT Bombay, held from 17-08-2020 to 31-08-2020.
- Mr. Subham Ganguly participated in the Faculty Development Programme from 17-08-2020 to 31-08-2020 on Moodle Learning Management System organised by Hooghly Engineering & Technology College with course material provided by Spoken Tutorial Project, IIT Bombay.
- Mr. Subhojit Malik, Assistant Professor, ECE Department, attended a Faculty Development Programme (FDP) on “Moodle Learning Management System” from August 17, 2020 – August 31, 2020, conducted by NMEICT & Spoken Tutorial Project, IIT Bombay.
- Mr. Devadatta Das participated in a “Deep Learning” webinar organised by Supreme Knowledge Foundation Group of Institutions in August 2020.
- Mr. Debasish Bose participated in the “International Faculty Development Programme” on “Advances in technologies, evolving new dimensions in e-society” organised by JIS College of Engineering from September 02, 2020, to September 06, 2020.
- Mr. Tanumoy Ghosh, Assistant Professor, CE Department, attended AICTE Sponsored One Week Online Short Term Training Programme on “Advanced Technologies in Transportation Engineering and Town Planning - ATTET 2020, SERIES - II” organised by the Department of Civil Engineering, Coimbatore Institute of Technology, Coimbatore during September 24-30, 2020 and successfully qualified in the Programme Evaluation Test.
- Mr. Subham Ganguly completed the five-day Faculty Development Programme on “The Art and Craft of Scientific & Technical Writing: from A to (almost) Z” organised by MAKAUT, West Bengal, in association with Islamic University of Science & Technology, Jammu and Kashmir, India, held during 2-6 November 2020.
- Mr. Jagadish Bhattacharya, Assistant Professor, ECE Department, attended a National Webinar on “Ancient Indian Science and Technology” organised by NITTTR, Kolkata, on November 11, 2020.
- Mrs. Bidisha Sengupta, Senior Technical Assistant, ECE Department, attended a National Webinar on “Ancient Indian Science and Technology” organised by NITTTR, Kolkata, on November 11, 2020.
- Mr. Subhojit Malik, Assistant Professor, ECE Department, attended a Faculty Development Programme (FDP) on “Towards 5G Communications & Beyond with IoT, Machine Learning” from November 23, 2020 – November 27, 2020, conducted by Goa College of Engineering under AICTE Training And Learning (ATAL) Academy.
- Mr. Sirshendu Hore, Assistant Professor, CSE Department, participated in a webinar on sports for everyone, organised by the Maulana Abul Kalam Azad University of Technology, West Bengal (MAKAUT, WB), held on November 28, 2020.
- Mr. Rajdip Paul, Asst. Professor of the CE Department, completed the On-Line 6-Days Faculty Development Program (FDP) on “Wind Loads on Buildings And Other Structures [With Special Reference to IS:875 Part-3]” organised by the Civil Engineering Department, of Indian Institute of Technology, Jammu on 21-26 December 2020.

- Mr. Sandeep Bhowmik, Assistant Professor, CSE Department, completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organised by the All India Council for Technical Education(AICTE) from January 18, 2021, to January 22, 2021.
- Mr. Shibasish Deb, Asst. Professor, CE Department, completed a “5-day FDP-SI UHV Online Workshop” for MAKAUT, BPUT, ASTU and Eastern region(ERO) conducted by All India Council of Technical Education (AICTE) from 18th to January 22, 2021.
- Mr. Debasish Bose participated in the Technical Talk on “Energy Efficient Green Building - An Overview” organised by MSIT Power & Energy Society Student Branch Chapter in association with MSIT Signal Processing Society Student Branch Chapter on January 29, 2021.
- Ms. Shilpi Saha Participated in the webinar “Power Electronics and Electric Vehicles” Presented by Dr. Sanjeevi Kumar Padmanaban, Aalborg University, Denmark, held on January 29, 2021.
- Mr. Subhajit Roy, Assistant Professor, ECE Department, achieved a Professional Certificate on Essential Technologies for Business from IBM in February 2021
- Mr. Shibashis Deb, Asst. Professors, CE Department, completed a webinar on “Construction and maintenance of sustainable rural roads” by NITTTR, Kolkata, W.B. on February 08, 2021.
- Mr. Subhajit Roy, Assistant Professor, ECE Department, successfully conducted a Career Talk powered by Internshala on “How to ace your summer internship” on March 12, 2021.
- Mr. Swarup Samanta, Assistant Professor, ECE Department, attended an AICTE-sponsored 2nd online short-term training program on “Business Analytics” from April 19 to April 24, 2021.
- Mr. Manish Kumar Singh, Assistant Professor, ECE Department, participated in a Short-Term Training Program on “Business Analytics” organised by MCKV Institute of Engineering from April 19 to April 24, 2021.
- Ms. Swagata Choudhury, Assistant Professor, ECE Department, participated in a Short-Term Training Program on “Business Analytics” organised by MCKV Institute of Engineering from April 19 to April 24, 2021.
- Mr. Jagadish Bhattacharya, Assistant Professor, ECE Department, attended AICTE-AQIS sponsored STTP-I on “Green IoT for Green Environment” from April 19 to April 25, 2021, organised by the Department of Applied Electronics and Instrumentation Engineering, Guru Nanak Institute of Technology, JIS Group
- Mr. Swarup Samanta, Assistant Professor, ECE Department, attended the online webinar and discussion on “Covid-19 Pandemic and our co-existence” organised by NSS Jadavpur University and associated initiative for Mankind foundation in collaboration with IIMS on May 09, 2021, at virtual platform.
- Mr. Swarup Samanta, Assistant Professor, ECE Department, attended a one-week AICTE-sponsored online short-term training program (STTP) on “Emerging Trends in Nanomaterials for electronic and optoelectronic devices” (Series-I-Synthesis and Functionalisation of Nanomaterials) from May 10 to May 15, 2021.
- Mr. Swarup Samanta, Assistant Professor, ECE Department, attended a one-week AICTE-sponsored online short-term training program (STTP) on “Emerging Trends in Nanomaterials for Electronic and Opto-electronic Devices” (Series-II-Fabrications and Characterization of Nanoelectronic Devices) from 10th May to May 15 2021.

- Mr. Jagadish Bhattacharya, Assistant Professor, ECE Department, attended AICTE-AQIS sponsored STTP-II on “Green IoT for Green Environment”, May 10 to May 15, 2021, organised by the Department of Applied Electronics and Instrumentation Engineering, Guru Nanak Institute of Technology, JIS Group
- Ms. Shilpi Saha Participated in the webinar “FPGA controller for Electrical Engineering” held on May 19, 2021.
- Mr. Jagadish Bhattacharya, Assistant Professor, ECE Department, attended AICTE-AQIS sponsored STTP-III on “Green IoT for Green Environment” from May 31 to June 06, 2021, Organised by the Department of Applied Electronics and Instrumentation Engineering, Guru Nanak Institute of Technology, JIS Group
- Ms. Shilpi Saha Participated in the webinar “Solar grid-tied system using WAVECT” on June 16, 2021.
- Mr. Sandeep Bhowmik, Assistant Professor, CSE Department, completed AICTE sponsored Short Term Training Program (STTP) on Cybersecurity from June 14 - June 19 2021.
- Mr. Jagadish Bhattacharya, Assistant Professor, ECE Department, attended AICTE-AQIS sponsored STTP-IV on “Green IoT for Green Environment” from June 21 to June 26, 2021, organised by the Department of Applied Electronics and Instrumentation Engineering, Guru Nanak Institute of Technology, JIS Group.
- Ms. Arpita Das, Asst. Professor, CE Department participated in 6-day Webstruct- International Structural engineering Webinar Series held from 21st to 26th June 2021, organised by School of Civil Engineering, Lovely Professional University, Punjab.
- Ms. Shilpi Saha participated & completed AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “Recent Trends in Electric Vehicles” from 2021-7-5 to 2021-7-9 at the National Institute of Technology, Arunachal Pradesh.
- Mr. Debasish Bose participated in the webinar “Applications of Solar PV Technology: From Earth to Space” organised by Mangla Smart Energy Solutions Pvt Ltd in Association with Central Electronics Limited, A Govt. of India Enterprise, conducted on July 10, 2021.
- Mr. Swarup Samanta, Assistant Professor, ECE Department, participated in online 1.5H Excel training on July 18, 2021 organised by bizwiz.co.in.
- Mr. Debasish Bose participated in the “Enrichment of Teaching Ability through Online Mode and Classroom Management in The New Normal” webinar held on July 31, 2021, at Hooghly Engineering & Technology College.
- Mr. Debasish Bose participated in the “Solar Energy Applications with its sustainability & potential and Related Job Opportunity in West Bengal” webinar on 7th August 2021, organised by Regent Education and Research Foundation Group of Education.
- Mr. Subhojit Malik, Assistant Professor, ECE Department, attended a Workshop on “Hands on IoT with MATLAB and Thing Speak” on August 10, 2021, conducted by ECE Department, SRM University.
- Mr. Subhjit Roy, Assistant Professor, ECE Department, acted as Coordinator for the Online NPTEL-Soft Skills Training Program from July 12, 2021 to July 17, 2021 (I-Batch) and July 22 to July 28 (II -Batch).
- Mr. Swarup Samanta, Assistant Professor, ECE Department, participated in an online webinar on “Solar Energy Application with its sustainability & potential and related Job opportunity in West Bengal” on August 07, 2021.

- Ms. Priyanka Ghosh, participated in the webinar “Online Independence Day Celebration” organised by Maulana Abul Kalam Azad University of Technology, West Bengal, on August 15, 2021.
- Mr. Swarup Samanta, Assistant Professor, ECE Department, has participated in RASTRAGAAN an initiative by the Ministry of culture to mark Azadi Ka Amrith Mohotsob on August 15, 2021.
- Ms. Priyanka Ghosh, participated in the 10th National Seminar (Web) on “Ancient Indian Science and Technology” organised by the National Institute of Technical Teachers’ Training and Research (NITTTR) Kolkata, on August 21, 2021.
- Mr. Subhojit Malik, Assistant Professor, ECE Department, attended a Short Term Training Programme (AICTE Sponsored) on “New Avenues of Emotion Recognition” from August 23, 2021- August 28, 2021, conducted by Maulana Abul Kalam Azad University of Technology, West Bengal.
- Ms. Swarup Samanta, Assistant Professor, ECE Department, attended “Two Weeks International Workshop on Emerging Trends in the field of Science and Technology” organised by the Department, of Physics, Sathyabama Institute of Science and Technology, Chennai, through Zoom Video Communications from 16 to August 28 2021.
- Ms. Arpita Das, Asst. Professor of the CE Department, participated in the National Webinar on Evolution of Reinforced Concrete Design Philosophy from IS 456-2000 to IRC 112-2020, organised by the Department of Civil Engineering of National Institute of Technical Teachers’ Training and Research Kolkata, held on August 28, 2021.
- Mr. Rajdip Paul, Asst. Professor of the CE Department, participated in National Webinar on “Evolution of Reinforced Concrete Design Philosophy from IS 456-2000 to IRC 112-2020” organised by the Department of Civil Engineering of National Institute of Technical Teachers’ Training and Research Kolkata, held on August 28, 2021.
- Ms. Priyanka Ghosh, participated in the webinar “Sorrow - Depression - Joy (Season - 2 Episode - 1)” organised by Maulana Abul Kalam Azad University of Technology, West Bengal, on August 29, 2021.
- Ms. Priyanka Ghosh, participated in the webinar “Online Teacher’s Day Celebration - 2021” organised by Maulana Abul Kalam Azad University Of Technology, West Bengal, on 5th September 2021.
- Ms. Swagata Choudhury, Assistant Professor, ECE Department, participated in an FDP on “IOT, Past, Present and Future” organised by B.P.Poddar Institute of Management & Technology from September 02 to September 07, 2021.
- Mr. Sandeep Bhowmik, Assistant Professor, CSE Department, participated in the “Innovation and Entrepreneurship” webinar organised by Industry Connect Program and TBI, Maulana Abul Kalam Azad University of Technology held on September 24, 2021.
- Dr. Tanumoy Ghosh, Assistant Professor, CE Department, participated& completed AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “Contemporary Technologies For Sustainable Road Construction successfully” from 01/10/2021 to 05/10/2021 at Siksha’ O’ Anusandhan deemed to be University.
- Mr. Sandip Das completed the online training program on “EV Charging Station: Solar Powered”, organised by Central Electronics Limited (A Govt. of India Enterprise, under the Ministry of Science & Technology); from October 04, 2021, to October 08, 2021.

- Mr. Subhajit Roy, Assistant Professor, ECE Department, successfully conducted a session at Induction Programme 2021 on the topic “NPTEL, SWAYAM and MOOCs” on October 25, 2021.
- Mr. Subham Ganguly participated in a Faculty Development Programme through ICT mode on “Outcome based Education and Teaching Learning Process” organised by the Computer Science and Technology Department, Dr. B.C. Roy Polytechnic College from 27-29 October 2021.
- Ms. Debolina Pradhan completed a 12-week online NPTEL course (FDP) on “Electric Vehicles and Renewable Energy” organised by IIT Madras with an 88% score from July to October 2021
- Mr. Subhajit Roy, Assistant Professor, ECE Department, successfully conducted a session at Induction Programme 2021 on the topic “INTERNSHALA” on November 01, 2021.
- Dr. Tanumoy Ghosh, Assistant Professor, CE Department, participated in a one-day webinar on “Fundamentals of Highway Design” held on November 23, 2021, organised by the Department of Civil Engineering, Jaypee University of Information Technology, Waknaghat.
- Dr. Tanumoy Ghosh, Assistant Professor, CE Department, completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “Green Technology and Sustainability Engineering” from 25/11/2021 to 29/11/2021 at Kolhapur Institute of Technology’s College of Engineering (Autonomous), Kolhapur, Maharashtra, INDIA successfully.
- Ms. Priyanka Ghosh participated in the webinar “Digital and Blended Learning” organised by Maulana Abul Kalam Azad University of Technology, West Bengal, held on January 06, 2022.
- Mr. Swarup Samanta, Assistant Professor, ECE Department, completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organised by the All India Council for Technical Education(AICTE) from January 03, 2022, to January 07, 2022.
- Mrs. Shyamali Gayen, Senior Technical Assistant, ECE Department, attended a National Webinar on “Digital and Blended Learning” organised by MAKAUT, WB, on January 06, 2022.
- Mr. Somnath Dey, Technical Assistant of CE Department, participated in the session on “Data Privacy and creating a secure CyberSpace for the State and the Country” Held on January 28, 2022, at Cyber Security Center of Excellence, West Bengal, Department of Information Technology and Electronics, Government of West Bengal.
- Mr. Sudipta Kansabanik, Technical Assistant, CE Department, participated in the session on “Data Privacy and creating a secure Cyber Space for the State and the Country” Held on January 28, 2022, at Cyber Security Center of Excellence, West Bengal, Department of Information Technology and Electronics, Government of West Bengal.
- Ms. Tonima Das, Technical Assistant, CE Department, participated in the session on “Data Privacy and creating a secure Cyber Space for the State and the Country” Held on January 28, 2022, at Cyber Security Center of Excellence, West Bengal, Department of Information Technology and Electronics, Government of West Bengal.
- Mr. Sudipta Kansabanik, Technical Assistant, CE Department, participated in the training program titled “National Intellectual Property Awareness Mission” held on February 14, 2022, at Hooghly Engineering & Technology College, hosted by Intellectual Property Office, India.

- Mr. Sudipta Kansabanik, Technical Assistant, CE Department, participated in the training program titled “National Intellectual Property Awareness Mission” held on February 14, 2022, at Hooghly Engineering & Technology College, hosted by Intellectual Property Office, India.
- Mr. Somnath Dey, Technical Assistant, CE Department, participated in the “National Intellectual Property Awareness Mission” training program held on February 14, 2022, at Hooghly Engineering & Technology College, hosted by Intellectual Property Office, India.
- Mr. Sandeep Bhowmik, Assistant Professor, CSE Department, participated in the “IP Awareness/Training program” under National Intellectual Property Awareness Mission organised by the Intellectual Property Office, India, held on February 14, 2022.
- Dr. Rajdip Paul, Asst. Professor, CE Department, participated in the IP Awareness/Training Program under National Intellectual Property Awareness Mission on February 14, 2022.
- Dr. Rajdip Paul, Asst. Professor, CE Department, on behalf of the Hooghly Engineering & Technology College, coordinated the IP Awareness/Training Program under National Intellectual Property Awareness Mission on February 14, 2022.
- Ms. Piyali Das, Asst. Professor of the CE Department participated in the IP Awareness/Training Program under National Intellectual Property Awareness Mission on February 14, 2022.
- Mr. Jagadish Bhattacharya, Assistant Professor, ECE Department, completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organised by the All India Council for Technical Education(AICTE) from February 28, 2022 to March 04, 2022.
- Dr. Rajdip Paul, Asst. Professor, CE Department, completed the On-Line 5-Days Faculty Development Program (FDP) on “Advancement of Technology in Civil Engineering” organised by the Civil Engineering Department of Anand International College of Engineering on 28th Feb-05th March 2022.
- Ms. Piyali Das, Asst. Professor, CE Department, completed the On-Line 5-Days Faculty Development Program (FDP) on “Advancement of Technology in Civil Engineering” organised by the Civil Engineering Department of Anand International College of Engineering on 28th Feb-05th March 2022.
- Ms. Priyanka Ghosh participated in IP Awareness/Training program under National Intellectual Property Awareness Mission, organised by IPO, India, on February 14, 2022.
- Mr. Sandip Das participated in IP Awareness/Training program under National Intellectual Property Awareness Mission, organised by IPO, India, on February 14, 2022.
- Ms. Priyanka Ghosh participated in the webinar “Recent Advancement in 3D Printing” organised by Maulana Abul Kalam Azad University of Technology, West Bengal, held on February 16, 2022.
- Ms. Debolina Pradhan participated in IP Awareness/Training program under National Intellectual Property Awareness Mission, organised by IPO, India, on February 14, 2022.
- Mr. Sirshendu Hore, Assistant Professor, CSE Department, participated in the “IP Awareness/Training program” under National Intellectual Property Awareness Mission organised by the Intellectual Property Office, India, February 14, 2022.

- Mr. Jagadish Bhattacharya, Assistant Professor, ECE Department, in collaboration with Euphoria GenexX hosted and attended a Webinar on “Python & its Applications (Web Application Development, Machine Learning & Django)” on March 28, 2022.
- Mr. Subhojit Malik, Assistant Professor, ECE Department, is acting as Nodal Officer for AICTE Student Learning Assessment Project (PARAKH) from May 2022 onwards.
- Mr. Subhajit Roy, Assistant Professor, ECE Department, is acting as Assistant Coordinator for AICTE Student Learning Assessment Project (PARAKH) from May 2022 onwards.

Faculty Achievements

- Ms. Swagata Choudhury, Assistant Professor, ECE Department, acted as the OIC of the institute for university semester examinations for the academic years 2019-20, 2020-21, 2021-22.
- Mr. Swarup Samanta, Assistant Professor, ECE Department, acted as the Program Officer & Convener for the HETC NSS unit for the academic years 2019-20, 2020-21, 2021-22.
- Mr. Subhajit Roy, Assistant Professor, ECE Department, acted as the SPOC for Coursera for the academic years 2020-21, 2021-22.
- Mr. Subhajit Roy, Assistant Professor, ECE Department, acted as the SPOC for edX for the academic years 2020-21, 2021-22.
- Mr. Subhajit Roy, Assistant Professor, ECE Department, acted as the SPOC for the SWAYAM-NPTEL Local Chapter for the academic years 2019-20, 2020-21, 2021-22.
- Mr. Subhajit Roy, Assistant Professor, ECE Department, acted as the SPOC for MOOCs, MAKAUT for the academic years 2019-20, 2020-21, 2021-22.
- Mr. Subhajit Roy, Assistant Professor, ECE Department, acted as the SPOC for Internshala for the academic years 2019-20, 2020-21, 2021-22.
- Mr. Sandeep Bhowmik, Assistant Professor, CSE Department, acted as the Institute for Spoken Tutorial Project Faculty Coordinator, IIT Bombay, for the academic years 2019-20, 2020-21, 2021-22.
- Mr. Sandeep Bhowmik, Assistant Professor, CSE Department, acted as an external examiner in the Computer Application Practical Test in the selection of Non-teaching staff recruit process at Vidyasagar College for Women under the University of Calcutta in February 2020.
- Mr. Subhojit Malik, Assistant Professor, ECE Department, acted as the Coordinator of Hooghly Engineering & Technology College for the following Outreach Programs conducted by the Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO) and received an Appreciation Certificate as Coordinator from IIRS, ISRO:
 - Satellite Photogrammetry and its Application from 29.06.2020-02.07.2020
 - Application of Geoinformatics in Ecological Studies from 13.07.2020-21.07.2020
 - Remote Sensing Applications in Agricultural Water Management from 03.08.2020-07.08.2020

Basics of Remote Sensing Geographical Information System and Global Navigation Satellite System from 17.08.2020-08.10.2020

Remote Sensing and Digital Image Analysis from 17.08.2020-08.09.2020

Global Navigation Satellite System from 14.09.2020-18.09.2020

Understanding of Coastal Ocean processes using Remote from 21.09.2020-25.09.2020

Geographical Information System from 21.09.2020-25.09.2020

RS & GIS Applications from 02.11.2020-20.11.2020

Remote Sensing of Land Degradation from 01.12.2020-07.12.2020

Basics of Geocomputation and Geoweb Services from 19.10.2020-28.10.2020

Geospatial Technology for Archaeological Studies from 17.05.2021-21.05.2021

Global Navigation Satellite System from 13.09.2021-24.09.2021

RS & GIS Applications in Natural Resource Management from 08.11.2021 to 26.11.2021

Geo-informatics for Biodiversity Conservation Planning from 06.12.2021-17.12.2021

Overview of Geoprocessing using Python from 17.01.2022-28.01.2022

Global Navigation Satellite System and Location-based services from 21.02.2022-04.03.2022

Artificial Intelligence (AI) for Earth Observation (EO) and Geodata Handling and Processing from 02.05.2022-13.05.2022

Planetary Exploration of the Moon: Findings from Indian Remote Sensing Missions on 20.05.2022

- Mr. Sirshendu Hore, Assistant Professor, CSE Department, acted as a Guest Speaker in a webinar on ‘Introduction to Data-Analytics and R-Programming’. The Department of Cyber Security, Brainware University, organised the event on October 21, 2020.
- Ms. Arpita Das, Asst. Professor, CE Department received the Mentor Certificate from NPTEL for guiding CE students in the course “Introduction to Civil Engineering Profession” from Jan to Dec 2020.
- Mr. Swarup Samanta, Assistant Professor, ECE Department, has been acting as SPOC for MAR since June 2021.
- Mr. Sandeep Bhowmik, Assistant Professor, CSE Department, was appointed as an expert for setting question papers of the MCKV Institute of Engineering (An Autonomous Institute) affiliated to Maulana Abul Kalam Azad University of Technology, WB for Even Semester Examination, 2021-22.
- Mr. Sirshendu Hore, Assistant Professor, CSE Department, acted as a Mentor to guide four CSE 2nd-year students in the “MANTHAN Hackathon Grand Finale”. Manthan, a National Level Hackathon, was the joint initiative of the Bureau of Police Research and Development (BPR&D) and the All India Council for Technical Education (AICTE). The event was organised from 8-10 December 2021.
- Mr. Sirshendu Hore, Assistant Professor, CSE Department, was ranked as the top scientist in Hooghly Engineering and Technology College by www.adscientificindex.com in May 2022. Source: [https://www.adscientificindex.com/university/Hooghly Engineering Technology College/](https://www.adscientificindex.com/university/Hooghly%20Engineering%20Technology%20College/).
- Mr. Sirshendu Hore, Assistant Professor, CSE Department, acted as a reviewer in the ‘Journal of King Saud University - Computer and Information Sciences, a reputed Elsevier Journal, in June 2021. The Journal is SCI Indexed and ranked second among the Computer Science and Information Systems Journals.

- Mr. Sirshendu Hore, Assistant Professor, CSE Department, acted as a reviewer in the ‘Journal of King Saud University - Computer and Information Science’s, a reputed Elsevier Journal, in October 2021. The journal is SCI Indexed and ranked second among the computer science and information systems journals.
- Dr. Rajdip Paul, Asst. Professor, CE Department, received Doctoral Degree (PhD) in Civil Engineering from the Indian Institute of Engineering Science and Technology, Shibpur, in September 2021.
- Dr. Tanumoy Ghosh, Asst. Professor, CE Department, received Doctoral Degree (PhD) in Civil Engineering from the Indian Institute of Engineering Science and Technology, Shibpur, in September 2021.
- Ms. Piyali Das, Asst. Professor, CE Department, received the Mentor Certificate from NPTEL for guiding CE students in the “Plastic Waste management” course from Jan to Apr 2021.
- Dr. Tanumoy Ghosh, Asst. Professor, CE Department, received the Mentor Certificate from NPTEL for guiding CE students in the “Plastic Waste management” course from Jan to Apr 2021.
- Mrs. Arpita Das, Asst. Professor, CE Department, received the Mentor Certificate from NPTEL for guiding CE students in the “Plastic Waste management” course from Jan to Apr 2021.
- Mr. Subham Ganguly delivered a lecture on “Reading Advertisements as a Text” at the Induction Program for 1st-year students of HETC on October 27, 2021.
- Mr. Subham Ganguly delivered a lecture on “21st Century Professionals: Road Map to Success” at the Induction Program for 1st-year students of HETC on October 27, 2021.
- Mr. Sumanta Daw, Assistant Professor, CSE Department, acted as a mentor to guide a group of 1st year CSE students for the NPTEL online certificate course “The Joy of Computing using Python” from January-April 2022.
- Mr. Sirshendu Hore, Assistant Professor, CSE Department, acted as a mentor to guide a group of 1st year CSE students for the NPTEL online certificate course “The Joy of Computing using Python” during the period January-April 2022.
- Mr. Sandeep Bhowmik, Assistant Professor, CSE Department, acted as a mentor to guide a group of 1st year CSE students for the NPTEL online certificate course “The Joy of Computing using Python” during the period January-April 2022.
- Mr. Subhojit Malik, Assistant Professor, ECE Department, enlisted in the AD (Alper-Doger) Scientific Index Ranking in May 2022 from Hooghly Engineering & Technology College.

Publications of Faculty Members

Publications in Journals

❖ International Journal

Civil Engineering Department,

- Rajdip Paul and S.K. Dalui. “Prognosis of Wind-Tempted Mean Pressure Coefficients of Cross-Shaped Tall Buildings Using Artificial Neural Network,” PeriodicaPolytechnica Civil Engineering (SCI indexed), 64(4), 1124-1143, August 2020. <https://doi.org/10.3311/PPci.16311>

- T. Ghosh, S. K. Roy, S. Gangopadhyay “Capacity Estimation of Indian Multilane Highway by Calibrating Driver’s Behavior Parameters “Recent Advances in Traffic Engineering, Lecture Notes in Civil Engineering, Vol.69, pp. 55-68, ISSN 2366-2557, https://doi.org/10.1007/978-981-15-3742-4_4, September 2020.
- Rajdip Paul and S.K. Dalui. “Shape Optimisation to Reduce Wind Pressure on the Surfaces of a Rectangular Building with Horizontal Limbs,” *Periodica Polytechnica Civil Engineering* (SCI indexed), 65(1), 134-149, October 2020. <https://doi.org/10.3311/PPci.16888>
- Rajdip Paul and S.K. Dalui. “Optimisation of Alongwind and Crosswind Force Coefficients on a Tall Building with Horizontal Limbs using Surrogate Modelling,” *The Structural Design of Tall and Special Building* (SCI indexed), 30(4), 1-20, January 2021. <https://doi.org/10.1002/tal.1830>
- Rajdip Paul and S.K. Dalui. “Aerodynamic Shape Optimisation of High-Rise rectangular Building with Wings,” *Wind and Structures, An International Journal* (SCI indexed), 34(3), 259-274, March 2022. <https://doi.org/10.12989/was.2022.34.3.259>.
- Rajdip Paul and S.K. Dalui. “Wind Induced Peak Dynamic Responses of ‘Z’ shaped tall building,” *Journal of The Institution of Engineers (India): Series A*, Springer (SCOPUS indexed), Published Online, May 2022. <https://doi.org/10.1007/s40030-022-00647-z>

Electronics & Communication Engineering / Electronics & Tele-Communication Engineering Department,

- Malik, Subhojit 2022. “Effective Fatality Alert System using Predictive Learning”, *International Journal of GIS Science*, ISSN: 1869 – 9391, Volume 9, Issue 3, March 2022.

Mechanical Engineering Department,

- Bhowmick A., Ganguly S., Nandi A. and Neogy S. (2020) “A Shaft Finite Element for Analysis of Viscoelastic Tapered Timoshenko Rotors”, *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, 42, 48, DOI: 10.1007/s40430-019-2122-z.

Basic Science & Humanities Department,

- Ganguly, Subham. 2021. “Staging Re(Action) To Middle-Class Ethos in Badal Sircar’s Select Plays.” *NIU International Journal of Human Rights* ISSN: 2394 – 0298 Volume 8(XI), 46-50.

❖ National Journal

Civil Engineering Department,

- T. Ghosh, S. K. Roy, S. Gangopadhyay “ Capacity Estimation of Multilane Highways under Heterogeneous Traffic Conditions using Micro-Simulation Technique” *SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology*, Vol.12, Issue 1, pp. 20-25, Print ISSN 2229-7111, Online ISSN 2454-5767, <https://doi.org/10.18090/samriddhi.v12i01.4>, June 2020.
- T. Ghosh, S. K. Roy, S. Gangopadhyay “Assessment of Multilane Highway Capacity Through Simulation Process by Considering the Effect of Behavior of Driver of a Vehicle” *Journal of The Institution of Engineers (India): Series A*, Vol.101, Issue 4, pp. 589-596, ISSN 2250-2149, <https://doi.org/10.1007/s40030-020-00475-z>, October 2020.

Publications in Conferences

❖ International Conference

Civil Engineering Department,

- Rajdip Paul and S.K. Dalui. “Assessment of Peak Pressures and Gust Factors on Surfaces of ‘Z’ Shaped Tall Building under Wind,” International Conference on Recent Advances in Computational and Experimental Mechanics (ICRACEM 2020), IIT Kharagpur, India, September 2020. ISBN 978-93-5416-440-8 ISBN 978-93-5416-440-8 (eBook).
- Arpita Das and Shoumen Saha. “Mechanical behaviour of Nano Composite Cementitious Material Using Graphene Nanoplatelet (GNP) and Montmorillonite Nano Clay (MNC)”, International Conference on Recent Advances in Computational and Experimental Mechanics (ICRACEM 2020), IIT Kharagpur, India, September 2020. ISBN 978-93-5416-440-8 ISBN 978-93-5416-440-8 (eBook).
- Arpita Das and Shoumen Saha. “Property Evaluation of Nanocomposite Material using a Nanoscale Representative Volume Element”, 3rd International Conference on sustainable environment, energy and construction (ICSEEC 2021), Hindustan Institute of Technology and Science, Chennai on December 16th and 17th, 2021, pp 37-38.

Computer Science & Engineering Department,

- Das, Devadatta. 2021. “A Fuzzy Rule Based Directional Approach for Salt and Pepper Noise Removal With Edge Preservation.” 2021 3rd International Conference on Soft Computing and its Engineering Applications (icSoftComp2021) (Springer) 65-77.

Electrical Engineering Department,

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