



DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station),
Kolkata-700074 Website: www.dsec.ac.in, Email: info@dsec.ac.in
Affiliated to Maulana Abul Kalam Azad University of Technology West
Bengal, WBSCTVESD and Approved by AICTE

2019-20 ANNUAL REPORT

DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE

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Index

Sl. No	Content	Page No
1	Message from Managing Director	2
2	Message from Principal	3
3	Vision and Mission of the Institute	4
4	Awards & Association	5
5	Achievements & Recognition	8
6	Events (FDP/MDP/WEBINAR/SEMINAR/WORKSHOP)	12
7	NSS Activity Reports	21
8	Club Activity Reports	48
9	Institutional Organogram	116
10	Administrative Heads	117
11	Departmental Heads	118
12	Admission Report	119
13	Scholarship	120
14	Training & Placement	123
15	Higher Study	141
16	Library Resources	143
17	Memorandum of Understanding (MoU)	146
18	IT Resources	151
19	Department of Basic Science and Humanities	155
20	Department of Civil Engineering	168
21	Department of Automobile Engineering	194
22	Department of Computer Science & Engineering	205
23	Department of Electronics and Communication Engineering	228
24	Department of Electrical Engineering	241
25	Department of Mechanical Engineering	258
26	Research & Publications	272
27	Committee List	276

Message from Managing Director



Sardar Taranjit Singh

In its broadest meaning, education is any act or experience that shapes a person's mind, character, or physical abilities. Technically, education is the deliberate transmission of society's acquired knowledge, skills, and values from generation to generation. Thus, education is the basic fulcrum that drives societal growth.

The quality of education is clearly the priority in this era of globalization. Quality is not a single metric.

A good educational institution works to maintain and improve quality in all areas of operation.

I believe that a teacher may shape an educated and socially responsible human being by instilling two traits in students: curiosity and determination. Second, a teacher's noble life becomes a light for students when they establish strong values and put them into practice.

DSCSDEC's objective to provide the best studying, teaching, and research possibilities for students and academics is to provide students with modern knowledge and strong values.

Our students find the thrill and rigor of new discoveries, and develop skills of investigation, evaluation, and communication that will serve them well in their jobs and lives.

Students' creativity, teamwork, and international competition thrive. SurTech is committed to academic independence and cultural diversity to attract students and teachers.

At Dr. Sudhir Chandra Sur Degree Engineering College, we try to establish an environment that inspires personal and professional progress. Our efforts are focused on recognizing and understanding human talent and enthusiasm. DSCSDEC is thus about "how we can best educate our students to confront the future's challenges".

With a 160-year tradition of academic achievement, scientific advancements, and high-tech innovation I urge you to seize this fantastic chance and join us actively contributing to the globalization of our society.

With these remarks, I welcome everyone to SurTech and wish them every success on their new adventure with us.

Sardar Taranjit Singh
MD, JIS Group

Message from Principal



Prof. (Dr.) Om Prakash Sharma

Dear Students, Faculty, Staff, and Well-Wishers,

Welcome to Dr. Sudhir Chandra Sur Degree Engineering College! Founded in 2009, our institute has stood as a pillar of knowledge, innovation, and growth for over a decade. As you explore our website, we are excited to offer you a window into our dynamic academic community.

Our mission is to cultivate young minds, guiding them to become skilled engineers and responsible global citizens. Over the years, we have consistently upheld our commitment to academic excellence and holistic development. Our distinguished faculty, experts in their respective domains, foster an environment that encourages learning, research, and critical thinking.

At Dr. Sudhir Chandra Sur Degree Engineering College, education goes beyond textbooks. We prioritize practical skills, ethical standards, and character development. We aim to produce engineers who are not only technically adept but also guided by a strong moral compass. This philosophy equips our graduates to excel professionally and make meaningful contributions to society.

Our cutting-edge facilities and laboratories empower students to explore, innovate, and conduct research. We inspire our students to pursue their dreams with determination and passion.

More than just an educational institution, our college is a community—a place where belonging and collaboration thrive. Our diverse student body, representing a variety of cultures, backgrounds, and perspectives, enriches the learning experience. We take pride in this diversity, which we believe enhances our collective growth.

Thank you for visiting our website. We look forward to welcoming you to our institution as we continue striving for excellence and building a brighter future together.

Warm regards,

Prof. (Dr.) Om Prakash Sharma

Principal, Dr. Sudhir Chandra Sur Degree Engineering College

Vision and Mission of the Institute

Vision

To be a top global technology institute that creates leaders & innovators and generates new knowledge for society & industry via transformative education.

Mission

- **Excellence in Education:** Education of world-class quality, based on ethics and critical thinking, for the betterment of life.
- **Innovative Research:** An innovation ecosystem to advance knowledge and tackle pressing issues.
- **Impactful People:** Happy, accountable, compassionate, and effective employees and pupils
- **Productivity Enhancement:** Active engagement with national and international companies, as well as institutions, in order to increase productivity and economic development.
- **Service to Society:** Providing knowledge and compassion to the region and the planet.

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Awards & Association 2019-20

Awards & Association



**ZEE 24 Ghanta Education
Excellence Award
[Category-Outstanding
academic infrastructure]**

Awards & Association

Other Association



Confederation of Indian Industry

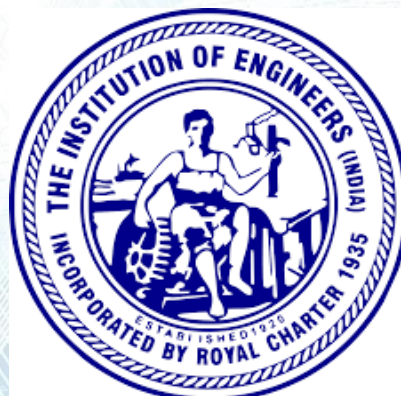


AIT

Asian Institute of Technology

BCC&i
THE BENGAL CHAMBER

Infosys
campus connect
An Infosys Industry-Academia Partnership Program



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Achievements & Recognition 2019-20

Achievements & Recognition



ACHIEVEMENT AT AIT BANGKOK

ANNUAL REPORT 2019-20

Achievements & Recognition



**AICTE NATIONAL
LEVEL CHHATRA
VISHWAKARMA
AWARDS 2020**



Achievements & Recognition



UNIVERSITY TOPPERS[GOLD ,SILVER AND BRONZE MEDALIST]

ANNUAL REPORT 2019-20

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EVENTS 2019-20

Events Organized

INTERNATIONAL CONFERENCE ON SUSTAINABLE ENVIRONMENT ENGINEERING AND SCIENCE (SEES – 2019)

Dr. Sudhir Chandra Sur Degree Engineering College is glad to announce that Civil Engineering Department has organized an International Conference on "**Sustainable Environmental Engineering and Science (SEES 2019)**" held on **29th and 30th November' 2019**. We are pleased to inform you that Springer Publication has also confirmed for publishing of conference papers in proceedings of Springer. The aim of this conference was to provide a technical get-together for the Academicians, Engineers, Personnel from research laboratories and industry for reciprocating the advances/recent findings in their research experience through oral and poster presentation in the form of technical papers on various themes during two days of the ICSEES-2019



1. **Dr. Gonzalo Carrasco**, Earth Observatory of Singapore, Nanyang Technological University
2. **Dr. Joe Otsuki**, Professor, College of Science and Technology, Nihon University, 1-8-14 Kanda Surugadai, Chiyoda-ku, Tokyo 101-8308 Japan
3. **Dr. Makarand M. Ghangrekar**, Professor, IIT Kharagpur
4. **Dr. Dhrubajyoti Chattopadhyay**, Vice Chancellor, Amity University, Kolkata
5. **Dr. Abhijit Dasgupta**, Former Jt. Managing Director, M.N.Dastur Company Private Limited
6. **Dr. Sunil Kumar**, Head, Technology Development Center, CSIR-NEERI, Nagpur
7. **Dr. Somnath Mukherjee**, Professor, Department of Civil Engineering, Jadavpur University
8. **Dr. Kalyan Rudra**, Chairman West Bengal Pollution Control Board

Events Organized

WEBINAR/SEMINAR/WORKSHOP SESSION ORGANIZED

5 DAY'S WORKSHOP ON "ADVANCED TECHNIQUES ON SURVEYING & GEOMATICS"

The Department of Civil Engineering successfully conducted a five-day workshop on "Advanced Techniques on Surveying & Geomatics" from December 24, 2019, to December 29, 2019. The workshop aimed to enhance the knowledge and skills of the participants in the field of surveying and geomatics, exploring modern techniques and practices employed in the industry. The workshop was led by **Mr. Gabriel Vasanthakumaran**, Assistant General Manager of M/s Lawrence and Mayo. Mr. Vasanthakumaran is an experienced professional in the field of surveying and geomatics, with expertise in modern surveying technologies and applications.

Overall, the workshop on "Advanced Techniques on Surveying & Geomatics" enriched the faculty members' understanding of modern surveying technologies and their applications in civil engineering. The practical training and industry insights provided valuable takeaways for the participants, equipping them with the latest tools and knowledge to enhance their teaching and research in the field.



Seminar on Computing Skill of MS Project

Speaker:

Mr. Anirban Bhui, M/s ABACUS Digital Private Limited

Dt. 3rd September 2019



Seminar on Pre-Stressed Concrete Segmental Construction

Speaker:

Amit Chakraborty, Joint Vice President

Dt. 11th November 2019

Department of Mechanical Engineering

Webinar on Technical workshop on AutoCAD and CATIA



Webinar on Technical workshop on "CATIA AND AUTOCAD"

Webinar on Potential Job Opportunities in Metal Industries

Webinar on Potential Job opportunities in Metal Industries





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JIS GROUP
Educational Initiatives

WEBINAR
ON
INTRODUCTION OF MACHINE TOOL AND TOOL NOMENCLATURE





Dr. John Deb Barma
Associate Professor
NIT, Agartala

Date: 20.04.2020
Time: 12 PM

Organised by
Mechanical Engineering Department

Webinar on Introduction to machine tool and tool nomenclature

Webinar on Vehicle/Product Development Cycle



DSCSDEC
ESTD. 2009



JIS GROUP
Educational Initiatives

DSCSDEC Promotes Digital Education

Webinar on
"Vehicle/Product Development Cycle"

Organized by:
Department of Mechanical engineering

Date :23rd April, 2020
Time:12 PM Onwards

LINK
<https://global.gotomeeting.com/install/472366429>



Mr. Radmesh Sowda
Validation Leader- Renault
Global Projects,
RNTBCJ

Ghar Pe Padhai Corona Se Ladai

Department of Mechanical Engineering




DSCSDEC Promotes Digital Education

Webinar on
"Genetic Algorithm"

Organized by:
 Department of Mechanical engineering

Date : 24th April, 2020
Time : 4:00 PM – 5:00 PM

LINK
<https://global.gotomeeting.com/join/763111325>



Dr. Priyabrata Mahapatra,
 Assistant Professor,
 School of Mechanical Engineering,
 KIIT University, Bhubaneswar

Ghar Pe Padhai Corona Se Ladai

Webinar on Genetic Algorithm

Webinar on Automotive Performance Development




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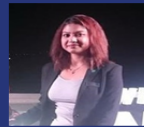
#JISGroup
#EducationBeyondOrdinary
#GharPePadhaiCoronaSayLadai

WEBINAR ON
"AUTOMOTIVE PERFORMANCE DEVELOPMENT"

ORGANIZED BY:
DEPARTMENT OF MECHANICAL ENGINEERING

DATE : 29TH APRIL, 2020

LINK:
<https://meet.google.com/qxz-gngn-xpk>



SPEAKER:
MS. ADRITA ROY
 HONDA R&D ASIA PACIFIC CO LTD.
 BANGKOK




DSCSDEC Promotes Digital Education

Webinar on
"AUTOMOTIVE INDUSTRY- FUTURE & OPPORTUNITY"

Organized by:
 Department of Mechanical engineering

Date : 26th April, 2020
Time: 12 PM Onwards

LINK
<https://meetingsapac10.webex.com/join/arpitachhat.mckv>



Mr. Rajiv Ranjan Choudhary
 Area Manager Service-Odisha
 Hero Motorcorp Ltd.

Ghar Pe Padhai Corona Se Ladai

Webinar on Automotive Industry- Future & Opportunity

Webinar on Application of fluid mechanics in designing microsink




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#JISGroup
#EducationBeyondOrdinary
#GharPePadhaiCoronaSayLadai

WEBINAR ON
"APPLICATION OF FLUID MECHANICS IN DESIGNING MICROSINK"

ORGANIZED BY:
DEPARTMENT OF MECHANICAL ENGINEERING

DATE : 01ST MAY, 2020
TIME: 12:30 PM ONWARDS

LINK:
<https://global.gotomeeting.com/join/543384549>



SPEAKER:
DR. APARESH DUTTA
 ASSISTANT PROFESSOR,
 NIT, BURGAPUR

Events Organized

WEBINAR/SEMINAR/WORKSHOP SESSION ORGANIZED



Title: Seminar on “*Arduino Based Embedded Systems and Implementation on IoT*”

Speakers: Mr. Anirban Banerjee and Mr. Soumyak Chandra

Events (FDP/MDP)

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2019-2020	Debina Dey	Manager	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Antara Chowdhury	Office Executive	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Madhab Naskar	Office Assistant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Rahul Choudhary	Store Keeper	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Supriya Dhara	Junior Technical Assistant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Papiya Nayek	Technical Assistant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Soumita Banerjee	Technical Assistant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Deepta Debnath	Technical Assistant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Maheswar Das	Technical Assistant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Sayani Roy	Technical Assistant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Abhishek Bysack	Assistant System Administrator	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Manoj Kumar Pandey	Lab Attendant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Mayukh Bairagi	Technical Assistant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Pallabi Das	Technical Assistant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Sanjib Sarkar	Lab Assistant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Anupama Kumar Guha	Technical Assistant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Jit Majumder	Technical Assistant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Tanmoy Das	Technical Assistant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Soumik Jash	Accounts Officer	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Abhishek Das	Account Assistant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Kripashankar Tiwari	Office Executive	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Suman Singh	Front Office Executive	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020
2019-2020	Nirupam Sarkar	Office Assistant	MDP on Enterprise Resources Planning & Applications	02/01/2020 to 07/01/2020

Events (FDP/MDP)

Year	Name of the participant	Designation	Title of the FDP	Dates (from-to) (DD-MM-YYYY)
2019-2020	Sayantan Chakraborty	Associate Professor	FDP on Python 3.4.3 & Python Django	08/06/2020 to 13/06/2020
2019-2020	Kriti Mukherjee	Assistant Professor	FDP on Python 3.4.3 & Python Django	08/06/2020 to 13/06/2020
2019-2020	Anubrata Mondal	Assistant Professor	FDP on Python 3.4.3 & Python Django	08/06/2020 to 13/06/2020
2019-2020	Soumen Dhara	Assistant Professor	FDP on Python 3.4.3 & Python Django	08/06/2020 to 13/06/2020
2019-2020	Sudipta Acharya	Assistant Professor	FDP on Python 3.4.3 & Python Django	08/06/2020 to 13/06/2020
2019-2020	Aviroop Dewan	Assistant Professor	FDP on Python 3.4.3 & Python Django	08/06/2020 to 13/06/2020
2019-2020	Tanmay Das	Assistant Professor	FDP on Python 3.4.3 & Python Django	08/06/2020 to 13/06/2020
2019-2020	Swapan Bhattacharya	Professor	FDP on Recent Trends in Data Security	03/07/2019 to 07/07/2019
2019-2020	Asish Kumar Mukhopadhyay	Professor	FDP on Recent Trends in Data Security	03/07/2019 to 07/07/2019
2019-2020	Abhigyan Ganguly	Associate Professor	FDP on Recent Trends in Data Security	03/07/2019 to 07/07/2019
2019-2020	Sangeeta Jana Mukhopadhyay	Associate Professor	FDP on Recent Trends in Data Security	03/07/2019 to 07/07/2019
2019-2020	Supriyo Srimani	Associate Professor	FDP on Recent Trends in Data Security	03/07/2019 to 07/07/2019
2019-2020	Goutam kr.Das	Assistant Professor	FDP on Recent Trends in Data Security	03/07/2019 to 07/07/2019
2019-2020	Anuva Ganguly Mukherjee	Assistant Professor	FDP on Recent Trends in Data Security	03/07/2019 to 07/07/2019
2019-2020	Montajul Karim	Professor	FDP on Recent Trends in Data Security	03/07/2019 to 07/07/2019
2019-2020	Shasikant Dargar	Associate Professor	FDP on Recent Trends in Data Security	03/07/2019 to 07/07/2019
2019-2020	Partha Sarkar	Assistant Professor	FDP on Recent Trends in Data Security	03/07/2019 to 07/07/2019
2019-2020	Shuvankar Chatterjee	Associate Professor	FDP on Recent Trends in Data Security	03/07/2019 to 07/07/2019
2019-2020	Soumyendu Bhattacharjee	Assistant Professor	FDP on VLSI Chip Design Hands-on using Open Source EDA	16/12/2019 to 20/12/2019
2019-2020	Somdutta Paul	Assistant Professor	FDP on VLSI Chip Design Hands-on using Open Source EDA	16/12/2019 to 20/12/2020
2019-2020	Pijush Dutta	Assistant Professor	FDP on VLSI Chip Design Hands-on using Open Source EDA	16/12/2019 to 20/12/2021
2019-2020	Debasmita Manna	Assistant Professor	FDP on VLSI Chip Design Hands-on using Open Source EDA	16/12/2019 to 20/12/2019
2019-2020	Bidisha Dobe	Assistant Professor	FDP on VLSI Chip Design Hands-on using Open Source EDA	16/12/2019 to 20/12/2019
2019-2020	Firozuddin Sk	Assistant Professor	FDP on VLSI Chip Design Hands-on using Open Source EDA	16/12/2019 to 20/12/2019
2019-2020	Anirbit Sengupta	Assistant Professor	FDP on VLSI Chip Design Hands-on using Open Source EDA	16/12/2019 to 20/12/2019
2019-2020	Ananya Banerjee	Assistant Professor	FDP on VLSI Chip Design Hands-on using Open Source EDA	16/12/2019 to 20/12/2019
2019-2020	Sutanu Ghosh	Assistant Professor	FDP on VLSI Chip Design Hands-on using Open Source EDA	16/12/2019 to 20/12/2019

Events (FDP/MDP)

2019-2020	Budhhdeb Bhattacharya	Professor	FDP on Advanced Techniques on Surveying & Geomatics	01/07/2019 to 05/07/2019
2019-2020	Sushovan Sarkar	Professor	FDP on Advanced Techniques on Surveying & Geomatics	01/07/2019 to 05/07/2019
2019-2020	Abhijit Kundu	Assistant Professor	FDP on Advanced Techniques on Surveying & Geomatics	01/07/2019 to 05/07/2019
2019-2020	Biswabandhu Chatterjee	Assistant Professor	FDP on Advanced Techniques on Surveying & Geomatics	01/07/2019 to 05/07/2019
2019-2020	Baibaswata Das	Assistant Professor	FDP on Advanced Techniques on Surveying & Geomatics	01/07/2019 to 05/07/2019
2019-2020	Souvik Chakraborty	Assistant Professor	FDP on Advanced Techniques on Surveying & Geomatics	01/07/2019 to 05/07/2019
2019-2020	Debasish Roy	Assistant Professor	FDP on Advanced Techniques on Surveying & Geomatics	01/07/2019 to 05/07/2019
2019-2020	Prasun Seal	Assistant Professor	FDP on Advanced Techniques on Surveying & Geomatics	01/07/2019 to 05/07/2019
2019-2020	Rinku Supakar	Assistant Professor	FDP on IoT	23/12/2019 to 28/12/2019
2019-2020	Jayanta Mondal	Assistant Professor	FDP on IoT	23/12/2019 to 28/12/2019
2019-2020	Anjan Kumar Payra	Assistant Professor	FDP on IoT	23/12/2019 to 28/12/2019
2019-2020	Madhusmita Mishra	Assistant Professor	FDP on IoT	23/12/2019 to 28/12/2019
2019-2020	Ruchira Dutta	Assistant Professor	FDP on IoT	23/12/2019 to 28/12/2019
2019-2020	Mallika De	Professor	FDP on IoT	23/12/2019 to 28/12/2019
2019-2020	Debdatta Chatterjee	Assistant Professor	FDP on IoT	23/12/2019 to 28/12/2019
2019-2020	Sujoy Saha	Professor	FDP on Research Trends in Science & Technology	23/06/2020 to 27/06/2020
2019-2020	Ruma Sen	Associate Professor	FDP on Research Trends in Science & Technology	23/06/2020 to 27/06/2020
2019-2020	Arpita Chatterjee	Assistant Professor	FDP on Research Trends in Science & Technology	23/06/2020 to 27/06/2020
2019-2020	Geetika Kumari Salwan	Assistant Professor	FDP on Research Trends in Science & Technology	23/06/2020 to 27/06/2020
2019-2020	Rahul Kumar Prajapati	Assistant Professor	FDP on Research Trends in Science & Technology	23/06/2020 to 27/06/2020
2019-2020	Arpita Podder	Assistant Professor	FDP on Research Trends in Science & Technology	23/06/2020 to 27/06/2020
2019-2020	Subhasish Halder	Assistant Professor	FDP on Research Trends in Science & Technology	23/06/2020 to 27/06/2020
2019-2020	Subhendu Pal	Assistant Professor	FDP on Research Trends in Science & Technology	23/06/2020 to 27/06/2020
2019-2020	Sudip Banerjee	Assistant Professor	FDP on Research Trends in Science & Technology	23/06/2020 to 27/06/2020
2019-2020	Pradeep Kumar Sharma	Assistant Professor	FDP on Research Trends in Science & Technology	23/06/2020 to 27/06/2020
2019-2020	Bhabani Ranjan Pal	Assistant Professor	FDP on Research Trends in Science & Technology	23/06/2020 to 27/06/2020
2019-2020	Kalyan Mukherjee	Assistant Professor	FDP on Advanced Welding Processes and Physics of Welding	11/05/2020 to 15/05/2020
2019-2020	Pritam Bhattacharjee	Assistant Professor	FDP on Outcome Based Education	02/03/2020 to 06/03/2020
2019-2020	Arindam Mukherjee	Assistant Professor	FDP on Outcome Based Education	02/03/2020 to 06/03/2020
2019-2020	Ranendra Roy	Assistant Professor	FDP on Outcome Based Education	02/03/2020 to 06/03/2020
2019-2020	Shankha Ghosh	Assistant Professor	FDP on Advancement in Phase Change Material based Thermal and Renewable Energy Technologies	01/06/2020 to 05/06/2020
2019-2020	Sk Tanbir Islam	Assistant Professor	FDP on Advancement in Phase Change Material based Thermal and Renewable Energy Technologies	01/06/2020 to 05/06/2020



Dr. Sudhir Chandra Sur Degree Engineering College

NSS Activities



Academic Year (2019 — 2020)

Message from Coordinator



Ms. Debasmita Manna

Dear Students, Faculty, Staff, and Well-Wishers,

It's a privilege to speak to all of you as we unveil the annual report of the National Service Scheme (NSS) at Dr. Sudhir Chandra Sur Degree Engineering College. This past year has highlighted the significance of service, teamwork, and community involvement.

Our students have truly represented the essence of NSS, investing their time and energy into a range of initiatives that have made a positive difference on campus and in the local community. From environmental initiatives to health awareness campaigns, each project has had an impact and demonstrated our youth's commitment to social responsibility.

I want to express my sincere gratitude to our faculty and staff for their steadfast support. Your guidance has been vital in empowering our students to take initiative and effect meaningful change.

As we look ahead, let's continue to motivate each other and explore new opportunities for service. Together, we can broaden our efforts and enhance our impact.

Thank you for your commitment and hard work. Here's to another year of service and growth!

Warm regards,

Drbasmita Manna

Assistant Professor, Department of ECE

Vision and Mission of NSS

Vision

The vision is to create the youth with the soul and awareness to assist the society and give effort for the elevation of our country as a movement.

Mission

To afford headship and route in social services, enhance the capabilities of social service organizations, and promote strategic partnerships for social services.



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INDEX

Sl.No	<u>Extension Activities in Neighborhood Community (2019-20)</u>
1	About NSS
2	Old age Home Visit
3	Blood Donation Camp
4	Food Distribution Camp
5	Awareness Program on Eradication of Superstition
6	Tree Plantation Program
7	Swachh Bharat Abhiyan
8	Health Check Up Camp
9	Orphanage Home Visit
10	Awareness Campaign on “No Plastic No Pollution Drive”



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NATIONAL SERVICE SCHEME (NSS)

The National Service Scheme (NSS) is an Indian Government sector maintained public service scheme. This scheme comes under the fortification of the Ministry of Youth Affairs & Sports. The National Service Scheme (NSS) is an addition of events in the higher education system of India with the purpose of permitting apprentices to progress their nature by providing public service while they are learning. It provides opportunity to the apprentice youth of 11th & 12th standard of schools at +2 Board level and apprentice youth of Technical Institution, Graduate & Post Graduate at colleges and University level of India to take part in various Government led community service activities & programs. The sole aim of the NSS is to offer hands on practice/involvement to young apprentices in distributing community service. This NSS was launched on 24 September 1969 by Dr. Vijayendra Kasturi Ranga Varadaraja Rao (V.K.R.V. Rao). He was the Educational Minister during the 1969 to 1971. Since inauguration of the NSS in 1969, the number of apprentices' strength reached up to over 3.8 million approximately from various schools, colleges and universities to take part in various community service programs. Currently, the headquarter of NSS is located at New Delhi. The Programme Adviser, NSS, New Delhi is the National Head who mainly controls the NSS Scheme all over the India.

After freedom, the University Grants Commission (UGC) was controlled by Sarvepalli Radhakrishnan, who indorsed the outline of charitable nationwide service in academic organizations. In the January of 1950 The Central Advisory Board of Education (CABE) also considered the same things at their meeting. The Father of Nation, Mahatma Gandhi had known that our country could not develop in a proper track till the apprentice youth were inspired to give effort for the upliftment of the townships/public. According to Gandhiji, the townships, where majority of the people existing, personify the nation. Hence, for the nationwide modernization and revival it was considered suitable that the apprentices and educators should be correctly explained and applied for solidification the Indian civilization as a whole with specific accent on rural communal. Then, apprentice youth, educators and the communal are considered as the trio basic apparatuses of the National Service Scheme. After investigation the thought and the involvements of other nations in this ground, the board suggested that apprentices and educators should dedicate time to charitable physical work. In 1958 Chief Minister, Jawaharlal Nehru considered the thought of communal service as a precondition for qualification. It was focused the Ministry of Education to frame an appropriate scheme for the outline of national service into academic organizations.



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During the 1964 - 1966, D.S. Kothari, head of the Education Commission, indorsed that apprentices at every stage of schooling should be related with some arrangement of communal service. In a government declaration of national policy on education, it was specified that work involvement and national service should be an essential part of edification. Communal services are a variety of community services providing by any nationwide or local government body for its inhabitants, counting such things as health care, public housing, social care and social security. Increasing on our responsibilities as a membership body, we strive to be the voice of the sector and an advocate for underserved needs. We improve communal services, creator innovative programs, progress service delivery and efficiency, and increase commercial and communal engagement to match abilities and desires. Our multidirectional efforts to increase abilities, mobilize properties and offer subsidy to scale up the sector's proficiencies have a key goal in mind - supporting our associates to create long-lasting positive effect. So, for the national renovation and national recovery it was believed suitable that the apprentices and educators should be properly explained and applied for firming the Indian civilization as a whole with specific prominence on rural communal. Therefore, apprentice youth, educators and the communal are considered as the trio basic apparatuses of the National Service Scheme.

Vision: The vision is to create the youth with the soul and awareness to assist the society and give effort for the elevation of our country as a movement.

Resolution: To confirm that every person has the prospect to breathing a life of self-esteem to his or her fullest possible within society.

Mission: To afford headship and route in social services, enhance the capabilities of social service organizations, and promote strategic partnerships for social services.

Motto: The National Service Scheme (NSS) has been functioning with the motto “**Not Me But You**” in view of making the youth inspired in service of the people and hence NSS Aims Education through Community Service through Education. It is very profound and evocative and is good in keeping with the spirit of NSS service for others.

The face stands for two belongings:

- i) For receiving and yielding the Self and
- ii) Execution able service for others



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The word “Not” before “me” is to diminish the self to augment the reputation of others.

The shortenface “Not Me but You” can be justextended as follows:

I do not live for me but for you.

The world is not only for me but for you also.

The motto of NSS reminds us the words of Swami Vivekananda “Not I but, Thou”.

Objectives:

- i. To develop competence required for group living and responsibilities
- ii. To gain skills in mobilizing community participation
- iii. To acquire leadership quality
- iv. To develop capacity to meet emergencies
- v. To develop confidence for self-education for lifelong learning of advancements being happened around the world.
- vi. To understand the community in which they work
- vii. To understand themselves in relation to their community
- viii. To identify the basic needs and problems of the community
- ix. To develop among themselves a sense of civic responsibility
- x. To practice national integration and social harmony.
- xi. To exhibit the professional knowledge and accepting ethical responsibility to the problems of industry and society.
- xii. To develop professional, ethical attitude, team building skills and multi-disciplinary approach to demonstrate the ideal behavioral qualities while leading the team for deriving maximum productivity.
- xii. To develop consciousness in the issue of social concerns and enabling students to upgrade their personality and experience through community services to have a meaningful linkage between the Institution and Society.



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NSS Symbol:

The symbol for the NSS has been based on the giant Rath Wheel of the world famous Konark Sun Temple (The Black Pagoda) located in Orissa, India. The wheel represents the cycle of creation, preservation and release. It signifies the movement in life across time and space, the symbol thus stands for continuity as well as change and implies the continuous striving of NSS for social change. The eight bars in the wheel represent the 24 hours of a day. The red color indicates that the volunteer is full of young blood that is lively, active, energetic and full of high spirit. The navy-blue color indicates the cosmos of which the NSS is tiny part, ready to contribute its share for the welfare of the mankind.





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Why Technical Persons Intend to do Social Service?

- i.** In any growing work people are the most vital investors. Because of this circumstance that all growths prerequisite to help some embattled people, be it in the kingdom of well-being, edification, water supply, drainage/sewerage or any other engineering facts.
- ii.** Technologists per say one of the main messengers right from the postindependence era.
- iii.** Rising effect of globalization and contribution of all the development investors has been more noticeable.
- iv.** In any kind of developmental process, careful and specific planning to help the stakeholders both from the angle of participation and implementation.
- v.** Today with the rapid advancement of ICT, this need has become manifold. The actual implementers need to know both the environment and population in a holistic manner.

In today's world, this is most important because the executors must learn to know and analyze the actual ground reality from a bet



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Old Age Home **Visit Organized by** **NSS& Extracurricular Activities Committee**

Date: 18th February

2020 Time: 11.30AM

Venue: Ananda Ashram Old Age Care and Hospitality Dumdum No.
of Participants: 70

Objective: The aim of the program was to spend some quality time with the senior citizens and contribute a little bit to their need

The students of Dr. Sudhir Chandra Sur Degree Engineering College in collaboration with NSS and Extracurricular Committee visited Ananda Ashram Old Age Care and Hospitality- an old age home in Dumdum locality on 18th February, 2020 under the Social Welfare Scheme to promote the message of sparing some time from the busy schedule for the senior citizens who long for the company of us after a certain age.

The students after reaching the place were warmly welcomed by the residents. The presence of the students brought a smile on their face. Apart from general conversation, the elderly people have shared their vivid experiences of life with the students that helped them to learn many things.

Before leaving the house, the students have handed over some food items, books and clothes for the aged people and have also talked to the in-charge for financial assistance in near future to support the survival of the residents. The visit remained a very heart-touching one for the students and the senior citizens as well.

Name of event	Coordinator	Number of participants
<i>Old Age Home Visit-Ananda Ashram Old Age Care and Hospitality</i>	Ms. Debasmita Manna	70



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“OLD AGE HOME VISIT”

Organized by

NSS and Extracurricular Committee

Date : 18th of February, 2020 Time 11:30 AM Venue : Ananda Ashram Old Age Care and Hospitality

Banner of “Old Age Home Visit” on 18.02.2020



Photo of the Event “Old Age Home Visit” on 18.02.2020 at Ananda Ashram Old Age Care



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Blood Donation **Camp Organized by** **NSS& Extracurricular Activities Committee**

Date: 24th October

2019 Time: 11.00AM

Venue: Lion's Club

No. of Participants: 92

Objective: The aim of the program was to contribute to the storage of the blood which can be made available in blood banks at the time of need.

The students and staff members of Dr. Sudhir Chandra Sur Degree Engineering College along with NSS and Extracurricular Committee organized a “Blood Donation Camp” under the Health Awareness Scheme on 24th October, 2019 in assistance of the local authorities to provide helping hands in collecting and distributing blood of different groups to people at the time of their needs.

The NSS team arranged for a medical team from the nearby Municipal Hospital for this purpose. The donors had a medical check-up before donating blood. They were provided with food items so as not to feel uncomfortable after giving blood. Arrangements of sick- room and emergency unit were also made available for anyone who feels dizzy after blood donation. The people from local bodies have helped a lot to conduct this activity without any hassle. Besides, the students and staff members other people have also turned up to donate blood voluntarily which was really appreciating on their part.

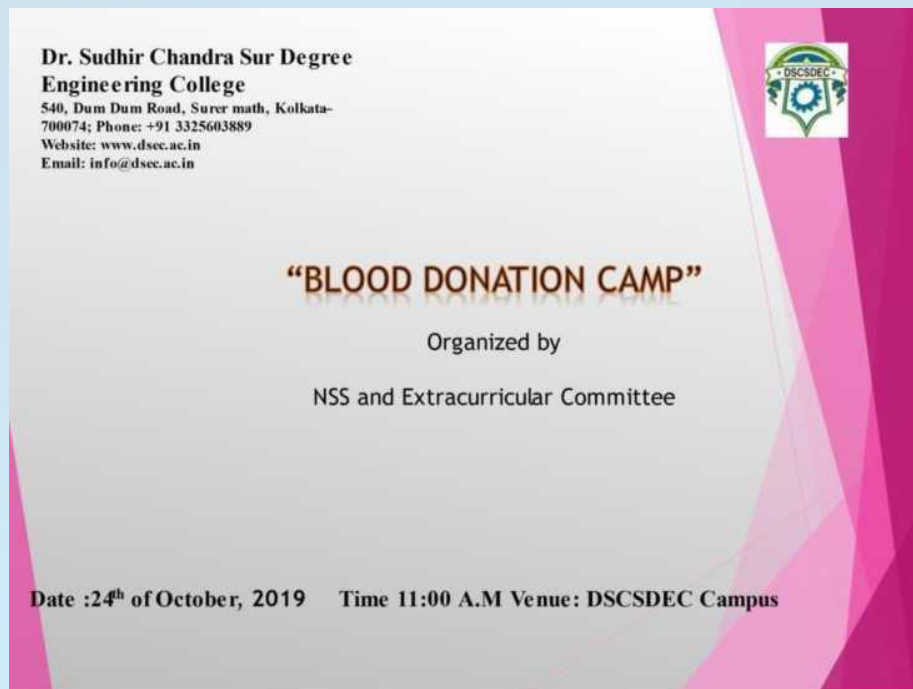
Overall, the camp remained a successful one with a good number of participants actively taking part in this event contributing to the welfare of the people and society as well.

Name of event	Coordinator	Number of participants
<i>Blood Donation Camp</i>	Ms. Debasmita Manna	92



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Banner of “Blood Donation Camp” on 24.10.2019



Image of “Blood Donation Camp” on 24.10.2019 at Lion’s Club



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Food Distribution Camp Organized by NSS & Extracurricular Activities Committee

Date-13th December 2019

Time: 01.30PM Venue:

Surer Math Locality No. of

Participants: 73

Objective: The objective of the program was to distribute food to the poor and needy people of the locality who do not receive proper nutrition.

The students of Dr. Sudhir Chandra Sur Degree Engineering College in association with the NSS and Extracurricular Committee have arranged for a “Food Distribution Camp” under the Social Awareness Scheme on 13th December, 2019 so as to promote the message of helping the poor people who could not support the proper nutrition due to their poverty-stricken life.

The students have arranged for about 80 food packets to be distributed in the slum areas of Surer Math locality. The food packets mainly contained rice, chicken, fruits and water bottle. In addition, chocolates were given to the children of the slum. Apart from distributing the food packets to the people, students also explained them the importance of having adequate quantity of food to live a healthy life. Malnutrition can become the causes for various diseases. However, the people have expressed their financial challenges which forbid them to opt for a healthy diet on a regular basis.

The students have assured to help them with food and other assistance. The camp has helped to bring up a smile on the face of those unfortunate people.

Name of event	Coordinator	Number of participants
<i>Food Distribution Camp</i>	Ms. Debasmita Manna	73



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"FOOD DISTRIBUTION CAMP"

Organized by

NSS and Extracurricular Committee

Date :13th of December, 2019 Time 01:30P.M Venue: Surer Math Locality

Banner of "Food Distribution Camp" on 13.12.2019



Banner of "Food Distribution Camp" on 13.12.2019 at Surer Math Locality



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Awareness Program on "Eradication of Superstition" Organized by NSS& Extracurricular Activities Committee

Date: 11th November 2019

Time: 04.00PM

Venue: Subhas Gram, South 24 Parganas

No. of Participants: 70

Objective: The purpose of this activity was to make people aware about the ill effects of practices of superstitions in society and its impact upon the growing psychology of people.

The students of Dr. Sudhir Chandra Sur Degree Engineering College in collaboration with the NSS team and Extracurricular Committee organized an awareness program on “Eradication of Superstition” on 11th November, 2019 under the Social Awareness Scheme to promote the message of elimination of the practices of superstition suppressing the positive growth of mindset of the people.

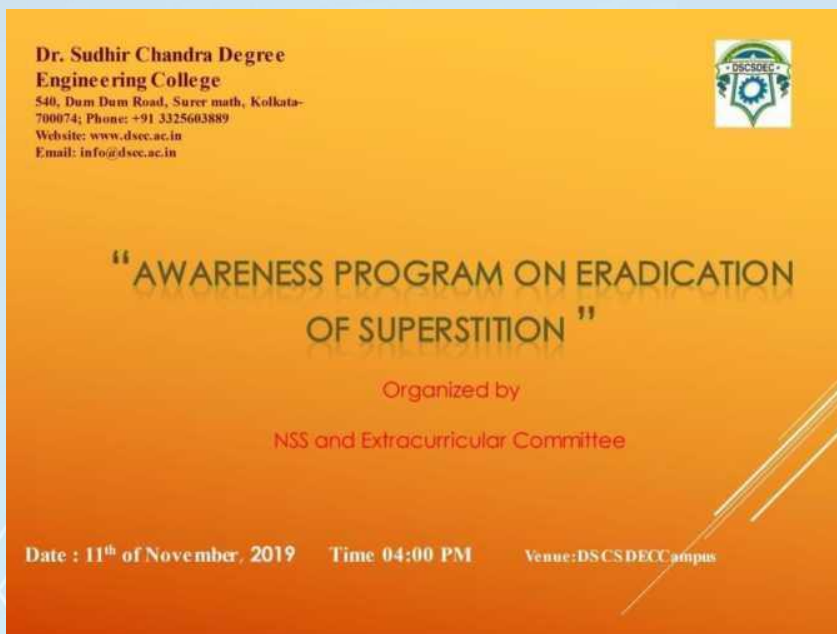
The students visited the village Subhas Gram, South 24 Parganas door to door. They have discussed and counselled the villagers to create awareness on Eradication of Superstition. They have surveyed and explained with demonstration for different practical experience of the villagers.

Name of event	Coordinator	Number of participants
<i>Awareness Program on Eradication of Superstition</i>	Ms. Debasmita Manna	70



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Banner of "Awareness Program on Eradication of Superstition" on 11.11.2019



Glimpse of "Awareness Program on Eradication of Superstition" on 11.11.2019 at Subhas Gram



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Tree Plantation Program Organized by **NSS & Extracurricular Activities Committee**

Date: 20th August 2019 **Time:** 04.00PM

Venue: South DumDum Municipality Area **No. of Participants:** 85

Objective: The purpose of this activity was to spread awareness about the need for plantation of a greater number of trees to keep our environment healthy.

The students of Dr. Sudhir Chandra Sur Degree Engineering College along with the NSS team and Extracurricular Committee members organized an activity on “Tree Plantation Program” under the Environmental Awareness Scheme on 20th August, 2019 to spread the awareness about plantation activity which is much needed for the conservation of the environment.

The event began with the plantation of a medicinal plant by our Principal Sir who had also shared a speech on the need and benefits of planting trees in our environment. Students have planted around 90 trees all around South DumDum Municipality Area. A variety of plants ranging from medicinal values to aesthetic properties have been gathered for plantation. Saplings of rose plants, marigold, tulsi and bonsai plants were planted by the students near the front gate of the college.

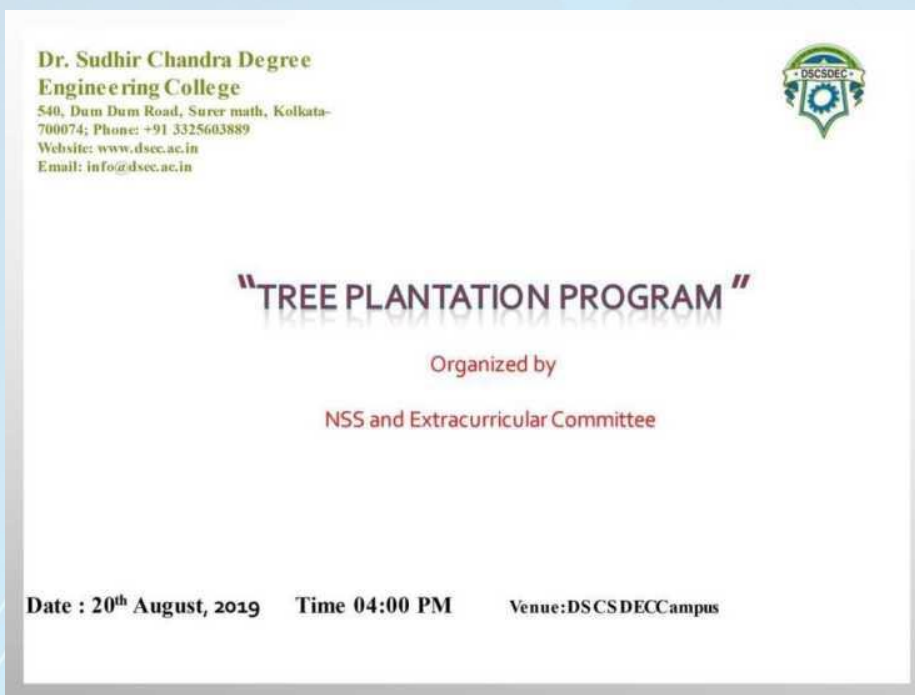
A rally was also made by the students within the campus with the slogan “Save Tree Save Life” to promote the message of importance of this activity.

Name of event	Coordinator	Number of participants
<i>Tree Plantation Program</i>	Ms. Debasmita Manna	85



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Banner of "Tree Plantation Program" on
20.08.2019

Glimpse of "Tree Plantation Program" on 20.08.2019 at South Dumdum Municipality Area



Glimpse of "Tree Plantation Program" on 20.08.2019 at South Dumdum Municipality Area



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Swachh Bharat Abhiyan Activity Organized

by

NSS& Extracurricular Activities Committee

Date-11th March 2020 **Time:** 02.00PM

Venue: South Dumdum Municipal Hospital **No. of Participants:** 70

Objective: The purpose of this activity was to spread awareness about the need for maintenance of cleanliness in and around our society

The students of Dr. Sudhir Chandra Sur Degree Engineering College along with the NSS team and Extracurricular Committee members organized an activity on “Swachh Bharat Abhiyan” on 11th March, 2020 under the National Awareness Scheme to eliminate the open defecation of garbage and various other pollutants hampering the environment.

The main aim behind the starting of this mission was to achieve an open defecation-free India by 2nd October 2019, the auspicious occasion of the 150th birth anniversary of the father of the nation, Mahatma Gandhi. All students, faculties and other staff members took part in this event by cleaning their respective departments and classrooms and nearby slum area.

A rally was also organized by the students with posters and slogans promoting the message of “clean India” within the college premise and surrounding area to raise awareness about the need for maintaining cleanliness in our environment.

Name of event	Coordinator	Number of participants
Swachh Bharat Abhiyan Activity	Ms. Debasmita Manna	70



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“SWACHH BHARAT ABHIYAN ACTIVITY”

Organized by
NSS and Extracurricular Committee

Date :11th of March, 2020 Time 02:00 PM Venue: DSCSDEC Campus

Banner of “Swachh Bharat Abhiyan” on 11.03.2020



Glimpse of “Swachh Bharat Abhiyan” on 11.03.2020 at South Dumdum Municipal Hospital



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Health Check- Up

Camp Organized by

NSS& Extracurricular Activities Committee

Date: 24th September 2019

Time: 11.00AM

Venue: Apollo Gleneagles, Kankurgachi

No. of Participants: 94

Objective: The purpose of this activity was to spread awareness about the need for taking good care of health under the proper consultancy of medical experts.

The students of Dr. Sudhir Chandra Sur Degree Engineering College in association with the NSS team and Extracurricular Committee Members organized a “Health Check-up Camp” on 24th September, 2019 under the Health Awareness Scheme to promote the awareness among people about the need of taking care of health to stay fit and enjoy a good life.

The activity was conducted in assistance of a medical team from Apollo Gleneagles, Kankurgachi who had brought their medical kits for random diagnosis. The camp was also visited by the members from local administrative bodies and was appreciated by them regarding the entire arrangement.

The students, staffs and other members turned up for a general check-up such as blood pressure, glucose level in body, height, weight etc. People diagnosed with any inconsistencies were advised with medicines and other measures to be followed so as to overcome the issues. The camp remained a successful one on providing medical service to a number of people for experiencing a good health.

Name of event	Coordinator	Number of participants
<i>Health Check-Up Camp</i>	Ms. Debasmita Manna	94



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Banner of Health Check-Up Camp on 24.09.2019



Glimpse of Health Check-Up Camp on 24.09.2019 at Apollo Gleneagles, Kankugachi



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Orphanage Visit Organized by

NSS& Extracurricular Activities Committee

Date: 10th September 2019 **Time:** 03.00PM

Venue: Narayan Seva Sansthan, Lake Town No. of Participants: 75

Objective: The purpose of this activity was to spend some quality time with the orphans and help them with some items of daily requirements.

The students of Dr. Sudhir Chandra Sur Degree Engineering College along with NSS and Extracurricular Committee members organized an “Orphanage Visit” to Narayan Seva Sansthan, an autonomous orphanage in Lake Town under the Social Awareness Scheme on 10/09/2019 to encourage the orphans for keeping their spirits high in their course of life.

At present 40 to 45 orphan children between 3 to 18 years of age are living in this house. The children of Narayan Seva Sansthan were very pleasantly excited to receive us. The students greeted us with great enthusiasm. We also met the caretaker. While interacting with the caretaker, we got to know the history of the orphanage how it was established.

After that student volunteers distributed snacks, books, pens and pencils to the children. The students interacted with the children. They also engaged them with various games and fun activities. All the children were much happy and joyful on our visit.

The team spent an about three hours with the children before saying goodbye to them.

Name of event	Coordinator	Number of participants
<i>Orphanage Visit-Narayan Seva Sansthan</i>	Ms. Debasmita Manna	75



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"ORPHANAGE VISIT"

Organized by

NSS and Extracurricular Committee

Date :10th of September, 2019 Time 03:00 P.M Venue: Narayan Seva Sansthan

Banner of Orphanage Visit on 10.09.2019



Glimpse of Orphanage Visit on 10.09.2019 at Narayan Seva Sansthan



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Awareness Campaign on "No Plastic No Pollution Drive"

Organized by

NSS& Extracurricular Activities Committee

Date: 2nd August 2019

Time: 11.00AM

Venu e: South DumDum Surrounding area

No. of Participants: 80

Objective: The aim of the program is to spread awareness for keeping our environment clean and maintain plastic-free campus around us.

The students of Dr. Sudhir Chandra Sur Degree Engineering College along with the NSS team and Extracurricular Committee members organized an awareness campaign on "No Plastic No Pollution Drive" on 2nd August 2019 under the Environmental Awareness Scheme to promote the message of keeping our environment clean by giving up the practices of throwing plastic bags here and there. The event began with the informative speech by our Principal Sir on how plastics are detrimental to the health of the environment. He had also emphasized on the need to develop the consciousness of the people to become a bit careful so as to use other alternatives instead of polythene bags for carrying items. The students have kept their speeches with demonstration on how the components of the plastic are a serious threat to the environment as they are not decomposable by nature and are also harmful for human beings in various ways.

A rally was also organized by the students with posters and slogans promoting the message of "**No Plastic No Pollution**" within the college surrounding area to raise awareness about the need for maintaining cleanliness in our environment

Name of event	Coordinator	Number of participants
<i>Awareness Campaign on "No Plastic No Pollution Drive"</i>	Ms. Debasmita Manna	80



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“AWARENESS CAMPAIGN ON NO PLASTIC NO POLLUTION DRIVE”

Organized by

NSS and Extracurricular Committee

Date :2nd of August 2019 Time 11:00AM

Venue:DSCSDECCampus

Banner of “No Plastic No Pollution Drive” on 02.08.2019



Image of “No Plastic No Pollution Drive” on 02.08.2019 at
South DumDum Surrounding area



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ANNUAL ACTIVITIES OF STUDENTS' CLUBS

2019-2020



DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

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Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Index

Sl. No	Content
1	Formation of The Clubs
2	List of Clubs
3	Member List of Clubs
4	Science and Technology Club
5	Robotics Club
6	Nirman Club
7	Mathematics Club
8	Coding Club
9	Art and Craft Designing Club
10	Photography Club
11	Cultural Club (Dance, Music and Singing)
12	Quiz and Debate Club
13	Documentary and Drama Club
14	Biosystems and Environmental Club
15	(Community Connect) NSS Club
16	Literary Club
17	Yoga and Meditation Club
18	Sports Club



Dr. Sudhir Chandra Sur Degree Engineering College

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074

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Formation of the Clubs of

Dr. Sudhir Chandra Sur Degree Engineering College

The Student Clubs at Dr. Sudhir Chandra Sur Degree Engineering College are established to provide a structured platform for students to pursue their interests, develop skills, and contribute to the campus community. The formation of these clubs is overseen by the faculties to ensure alignment with the Institute's values and objectives. A group of faculties and students constitute a club that focuses on a specific area such as academics, culture, sports, or social service.

The significance of student clubs lies in their role in fostering a vibrant campus life, promoting leadership and teamwork, and enhancing students' overall educational experience. Through active participation in clubs and with the help of the faculties, students gain practical experience, build networks, and develop a sense of responsibility and belonging, all of which are essential for personal and professional growth.

These clubs also play a crucial role in extending the Institute's involvement to the broader community, thereby reinforcing the values of civic engagement and service.

Purpose

1. To act as the official forum for students and faculties to discuss and address student activities, concerns, and opinions related to the Institute.
2. To ensure that student clubs are self-sufficient in ideation and implementation of various events, service projects, and other student-led initiatives.
3. To provide opportunities for students to develop leadership, communication, and organizational skills through active participation in club activities and decisionmaking processes.
4. To motivate and support students in achieving academic success while promoting involvement in extracurricular activities that contribute to their holistic development.
5. To extend the involvement of students in community and parish activities, fostering innovation, entrepreneurial ventures, civic responsibility and strengthening ties between the faculties and students as well as Institute and the broader community.

Qualification and Responsibilities of Convenor



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1. Faculties of Dr. Sudhir Chandra Sur Degree Engineering College are supposed to hold the position of the convener of different clubs.
2. The convenor is responsible for the overall administration and management of their respective club, including planning, organizing, and executing club activities in alignment with the goals and objectives of the Council and the Institute.
3. The convenor is responsible for selecting club members.

Qualification and Duties of Members

1. Members must be registered as a student or as a faculty and staff at Dr. Sudhir Chandra Sur Degree Engineering College.
2. Members must be selected by the convenor of the club and that needs to be approved by the HOI.
3. Members must adhere to the Institute's code of conduct, displaying behaviour that reflects positively on the club and the institution.
4. Members are responsible for contributing ideas, skills, and efforts towards the planning and execution of club projects.
5. Members are expected to regularly attend and actively participate in club meetings, events, and activities, contributing to the club's goals and initiatives.



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List of Clubs:

Sl	Name of the Clubs	Objectives
1.	Science and Technology Club	To aware students about the recent development in Science and Technology over the world. To make the students inclined for the Science Affairs through various events such as Science Exhibition, Science Magazine.
2.	Robotics Club	To apply engineering concepts through robot building and programming. To enhance critical thinking by tackling robotics challenges. To inspire innovation through unique robotic projects. To foster collaboration on complex projects. To equip members with skills for future careers in robotics and technology
3	Nirman Club	To enhance students' knowledge and practical skills in civil engineering and construction through workshops, seminars, and hands-on projects. To encourage innovation and creativity in construction techniques and sustainable practices, motivating students to explore new ideas and solutions. To provide opportunities for students to engage with industry professionals, gain insights into the latest trends and technologies, and prepare for their future careers. To organize and support various construction-related projects and competitions, allowing students to apply theoretical knowledge in practical settings
4	Mathematics Club	To explore mathematics beyond textbooks and apply it in day-to-day situation To develop critical thinking and logical reasoning powers among the students. To develop co-operative spirit in group learning. To inculcate feeling of discovery and development.
5.	Coding Club	To develop members' coding abilities through practice and projects. To improve logical thinking by tackling coding challenges. To promote creativity in developing software and apps. To encourage teamwork on coding projects and hackathons. To equip members with skills for careers in software development and technology.
6.	Art and Craft Designing Club	To encourage students to explore their artistic talents and foster creativity in engineering students. To Provide opportunities for members to develop and refine their art and craft skill To create a sense of community and camaraderie among students with a shared interest in art and craft. To foster collaboration among members on various artistic projects and initiatives.



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		To promote exposure to different art forms and styles to broaden artistic horizons. To organize art exhibitions, craft fairs, and workshops to showcase members' work and share it with the college community.
7.	Photography Club	To enhance members' technical skills in photography, including composition, lighting, and editing. To provide a platform for members to express their creativity through photography. To teach the art of telling compelling stories through images. To encourage teamwork and idea-sharing among members through group projects and photo walks. To help members create a diverse portfolio of their work for personal and professional use.
8.	Cultural Club	To foster a vibrant and inclusive community by promoting cultural awareness, creativity, and expression among students and faculty. To celebrate diversity through various cultural activities, events, and performances that highlight the richness of different traditions, arts, and heritage. To enhance interpersonal skills, teamwork, and mutual respect, contributing to the holistic development of its members and the broader campus community.
9.	Quiz and Debate Club	To develop participants' ability to analyse and evaluate issues from multiple perspectives. To encourage communication and public speaking skills essential for academic and professional success. To promote teamwork and shared knowledge among students and teachers. To inspire a spirit of healthy competition through regular quizzes and debates. To broaden participants' understanding of diverse subjects and current events.
10.	Documentary and Drama Club	To raise awareness about important social and environmental issues through documentary screenings and discussions. To develop effective communication skills among members through acting, public speaking, and scriptwriting. To provide a platform for students to showcase their acting, directing, and filmmaking talents to the school and the community. Encourage critical thinking and analysis by examining the themes, messages, and techniques used in documentaries and dramas.



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11	Biosystem and Environment Engineering Club	To Increase understanding of environmental issues and the importance of ecological balance. To encourage community participation in local and global environmental initiatives. To advocate for and participate in conservation projects to protect natural habitats and species. To provide learning experiences through workshops, lectures, and field trips on biosystems and ecology. To support and promote research in ecological and environmental sciences.
12.	Community Connect (NSS) Club	To encourage active participation in community service. To build leadership skills through social initiatives. To foster understanding and compassion for diverse communities. To inspire a commitment to volunteer work. To raise awareness of social issues and challenges.
13.	Literary Club	To unleash the creative potential of students and help them to come up with creative ideas. To engage them in different verbal and non-verbal activities adhering to the characteristics of the club. To develop their ideas and shape them into words or images showcasing their talents in different dimensions. To prepare the students for a clear and rational demonstration of their ideas while participating in interactive sessions. To involve students in different literary activities such as speech, debate, recitation, several forms of writing, art, sketch and painting.
14.	Yoga and Meditation Club	To Improve overall physical health and fitness through regular yoga practice, enhancing flexibility, strength, and balance. To Foster mental clarity and focus by integrating meditation practices that help reduce stress, anxiety, and mental fatigue. To Support emotional well-being by creating a space where members can explore and manage their emotions in a constructive way. To Create a supportive community where members can share their experiences, challenges, and progress, fostering a sense of belonging and mutual encouragement.
15.	Sports Club	To provide a diverse programme of sporting activities throughout the academic session. To encourage every student's cooperation, harmony in order to create a physically stimulating environment. To nurture a healthy lifestyle and teamwork, as well as self-discipline and control. The aim is to develop a positive mindset, courage, patience, self-assurance, sportsmanship and friendships among the students.



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Member List of Clubs 2019-2020

• Science and Technology Club			
Sl No	Name	Designation	Department
1	Prof. (Dr.) Omprakash Sharma	Chairman	Principal
2	Dr. Joyoti Biswas	Faculty in Charge	BSH
3	Mr. Krishnendu Kundu	Member	CE
4	Dr. Dipankar Das	Member	BSH
5	Ms. Geetika Kumari Salwan	Member	ME
6	Mr. Promit Sen	Member	AUE
7	Mr. Suptim Das	Member	CSE
• Robotics Club			
Sl No	Name	Designation	Department
		Faculty in Charge	EE
1	Ms. Rum rum Banerjee		
2	Mr. Tanmoy Das	Member	ME
3	Dr. Kamalika Datta	Member	CSE
4	Ms. Prativa Biswas	Member	EE
5	Mr. Priyatosh Ghosh	Member	CE
6	Ms. Priya Sarkar	Member	ECE
7	Mr. Rohan Roy	Member	ME
• Nirman Club			
Sl No	Name	Designation	Department
1	Subhasish Halder	Faculty-in-Charge	ME
2	Souvik Chakraborty	Secretary	CE
3	Kalyan Mukherjee	Assistant Secretary	AUE
4	Dr. Abhigyan Ganguly	Faculty Member	ECE
5	Jit Majumdar	Staff Member	ME
6	Avi Patra	Student Member	AUE
7	Uddipta Banerjee	Student Member	CE
• Mathematics Club			
Sl No	Name	Designation	Department
1.	Prof. (Dr.) Omprakash Sharma	Chairman/President	Principal, Admin
2.	Ms. Pallabi Bose	Faculty in Charge	BSH



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3.	Mr. Vivek Shaw	Member	BSH
4.	Dr. Chaity Chatterjee	Member	BSH
5.	Mr. Arindam Mukherjee	Member	AUE
6.	Ms. Rinku Supakar	Member	CSE
7.	Ms. Ananya Banerjee	Member	ECE
8.	Ms. Rum rum Banerjee	Member	EE
9.	Mr. Prasun Seal	Member	CE
10.	Ms. Geetika Kumari Salwan	Member	ME
11.	Mr. Ranit Das	Student Member	CSE
12.	Ms. Poulami Bag	Student Member	EE
13.	Mr. Pritam Patra	Student Member	ME
14.	Ms. Swarnali Saha	Student Member	ECE
• Coding Club			
Sl No	Name	Designation	Department
1	Prof. (Dr.) Omprakash Sharma	Chairman/President	Principal, Admin
2	Ms. Rinku Supakar	Faculty, Convenor	CSE
3	Mr. Vivek Shaw	Faculty Member	CSE
4	Ms. Sangeeta Jana Mukhopadhyay	Faculty Member	ECE
5	Mr. Shankha Ghosh	Faculty Member	AUE
6	Ms. Madhusmita Mishra	Student Member	CSE
7	Mr. Ritwik Bose	Student Member	CSE
8	Ms. Riya Das	Student Member	ME
9	Mr. Saikat Manna	Student Member	ECE
• Art and Craft Designing Club			
Sl No	Name	Designation	Department
1	Prof. (Dr.) Omprakash Sharma	Chairman/President	Principal, Admin
2	Mr. Souvik Chakraborty	Faculty, Convenor	CE
3	Mr. Kalyan Mukherjee	Faculty Member	AUE
4	Ms. Pallabi Bose	Faculty Member	BSH



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5	Ms. Debasmita Roy Chowdhury	Faculty Member	BSH
6	Mr. Sayak Chakraborty	Student Member	ECE
7	Mr. Avi Patra	Student Member	AUE
8	Mr. Arkaprava Ghosh	Student Member	EE
9	Mr. Samit Das	Student Member	CE
• Photography Club			
Sl No	Name	Designation	Department
1	Prof. (Dr.) Omprakash Sharma	Chairman/President	Principal, Admin
2	Dr. Sukhendu Sadhukhan	Faculty, Convenor	BSH
3	Mr. Shankha Ghosh	Faculty Member	AUE
4	Ms. Nibedita Biswas	Faculty Member	BSH
5	Mr. Pratibhu Deb	Student Member	CSE
6	Mr. Sayan Dirghangi	Student Member	CSE
7	Mr. Ankan Mukherjee	Student Member	CE
8	Mr. Moulik Biswas	Student Member	EE
• Cultural Club			
Sl No	Name	Designation	Department
1	Prof. (Dr.) Omprakash Sharma	Chairman/President	Principal, Admin
2	Mr. Arindam Mukherjee	Faculty, Convenor	AUE
3	Ms. Ananya Banerjee	Faculty Member	ECE
4	Ms. Debdatta Chatterjee	Faculty Member	CSE
5	Ms. Rum rum Banerjee	Faculty Member	EE
6	Mr. Prathita Roy	Faculty Member	EE
7	Ms. Nibedita Biswas	Faculty Member	BSH
8	Ms. Shreyashi Chaudhury	Student Member	CE
9	Mr. Samprita Chatterjee	Student Member	AUE
10	Mr. Debanjan Das	Student Member	ECE



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11	Mr. Angana Das	Student Member	CSE
• Quiz and Debate Club			
Sl No	Name	Designation	Department
1	Mr. Souvik Chakraborty	Faculty-in-Charge	CE
2	Mr. Arindam Mukhopadhyay	Member	AUE
3	Ms. Madhusmita Misra	Member	CSE
4	Ms. Pallabi Bose	Member	BSH
5	Mr. Subhasish Halder	Member	ME
• Documentary and Drama Club			
Sl No	Name	Designation	Department
1	Dr. Om Prakash Sharma	Chairman	Principal
2	Ms. Debasmita Roy Chowdhury	Convener	BSH
3	Ms. Rinku Supakar	Member	CSE
4	Dr. Abhigyan Ganguly	Member	ECE
5	Mr. Arindam Mukherjee	Member	AUE
6	Mr. Arpan Bhattacharyya	Member	Student, AUE
7	Mr. Sajal Mondal	Member	Student, AUE
8	Mr. Debanjan Roy	Member	Student, CSE
9	Ms. Sayantani Saha	Member	Student, ECE
10	Ms. Dipa Das	Member	Student, CE
• Biosystem and Environment Engineering Club			
Sl No	Name	Designation	Department
1	Mr. Souvik Chakraborty	Faculty-in-Charge	CE
2	Ms. Debasmita Manna	Member	ECE
3	Mr. Kalyan Mukherjee	Member	AUE
4	Ms. Rum rum Banerjee	Member	EE
5	Mr. Manoj Pandey	Member	CSE
6	Mr. Mayukh Bairagi	Member	ECE



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• Community Connect (NSS) Club			
Sl No	Name	Designation	Department
1	Ms. Debasmita Manna	Faculty-in-Charge	ECE
2	Mr. Anjan Kumar Pyra	Member	CSE
3	Mr. Sankha Ghosh	Member	AUE
4	Mr. Abhishek Chandra	Member	ME
5	Mr. Krishnendu Kundu	Member	CE
6	Ms. Jaysree Banik	Member	ECE
7	Mr. Akash Deb	Member	CE
8	Mr. Palash Debnath	Member	EE
9	Mr. Dhruba Roy	Member	ECE
• Literary Club			
Sl No	Name	Designation	Department
1	Dr. Om Prakash Sharma	Chairman	Principal
2	Ms. Nibedita Biswas	Faculty-in-Charge	BSH
3	Ms. Debasmita Roy Chowdhury	Member	BSH
4	Ms. Ananya Banerjee	Member	ECE
5	Mr. Prathita Roy	Member	EE
6	Mr. Arindam Mukherjee	Member	AUE
7	Ms. Bidisha Dobe	Member	ECE
8	Mr. Shankha Ghosh	Member	AUE
9	Mr. Gaurav Mishra	Student coordinator	CE
10	Mr. Kaustav Sharma	Student coordinator	CSE
11	Mr. Ritam Roy	Student coordinator	AUE
• Yoga and Meditation Club			
Sl No	Name	Designation	Department
1	Mr. Baibaswata Das	Faculty-in-Charge	CE
2	Mr. Pritam Bhattacharjee	Secretary	AUE
3	Ms. Nibedita Biswas	Faculty Member	BSH
4	Mr. Firojuddin Sk	Faculty Member	ECE
5	Mr. Sandip Bhadra	Staff Member	AUE
6	Mr. Kunal Das	Student Member	CSE
7	Mr. Soumen Jha	Student Member	CE



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• Sports Club			
Sl No	Name	Designation	Department
1	Prof. (Dr.) Omprakash Sharma	Chairman/President	Principal, Admin
2	Mr. Prathita Roy	Faculty in Charge	EE
3	Mr. Souvik Chakraborty	Secretary	CE
4	Mr. Subhasish Halder	Assistant Secretary	ME
5	Mr. Kalyan Mukherjee	Member	AUE
6	Mr. Sanjib Sarkar	Member	EE
7	Mr. Manoj Pandey	Member	CSE
8	Ms. Debasmita Manna	Member	ECE
9	Mr. Tanmoy Das	Member	ME
10	Ms. Antara Chowdhury	Member	T&P
11	Mr. Vivek Shaw	Member	Department of BSH



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Science and Technology Club



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REPORT

Title: One-day workshop on “Computing Skills of Introduction to MX Road”

Objective: The aim of this workshop is to inspire and develop skill sets of MX Road software in engineering applications

Date and Time: 26-04-2020

Speaker: Mr. Abhijit Chakrobarty, Sikharthy InfoTech Private Limited

Participants: 50

Report: Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex is glad to announce that Civil Engineering Department has organized a 1-day workshop on "MX Road" for the students on 26th April, 2020.

The following were the Key Highlights of the Workshop -

- Introduction to MX Road Software
- Familiarization with various IS-codes related to Road Design
- The user interface and tutorial regarding the software
- The application in designing roads and pavement using the software
- Q&A Session

There were a total of 50 participants including the faculty members and students of 2nd, 3rd and 4th Year. of Dept. of CE. The students have shown great enthusiasm during the workshop.

The Workshop was concluded by a very interactive Q&A session where different application of MX Road software was discussed.

Few glimpses of the workshop



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One-day workshop on "Introduction to MX Road", 26th April, 2020



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Robotics Club



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Virtual Extempore Event

Topic: Glowing of LED with and without switch using Tinker Cad and Breadboard kit.

Date: 06.09.2019 Time: 01:00 PM Venue: online

Observation of the activity:

- Students practically had seen what is a circuit, interconnection of component and closed path.
- They have seen the importance of each and every element in the circuit and how ohms law works.
- Difference between bilateral and unilateral components while connecting battery to the circuit.
- Students are able to circuit diagram for the given activity and also they designed in Tinker Cad software.





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Writing And Debate Competition

Topic: Creative writing and debate competition will be organized by Robotics Club.

Date: 09/04/2020 **Time:** 01:00 PM **Venue:** College Campus

Report: Students from all the Departments actively participated in different activities like Debate Competition, Quiz, Essay Writing, on **09/04/2020**.

A debate is typically a formal discussion in which you share your opinion on a certain topic. You could either agree on the topic or disagree. However, you can also talk about informal debate topics. These debates usually happen between friends and family members. Students in debate come to thoroughly understand both sides of an issue, having researched each extensively, and learn to think critically about every argument that could be made on each side. To learn more about each event, click on the event name.

Few photographs of the event are attached herewith.

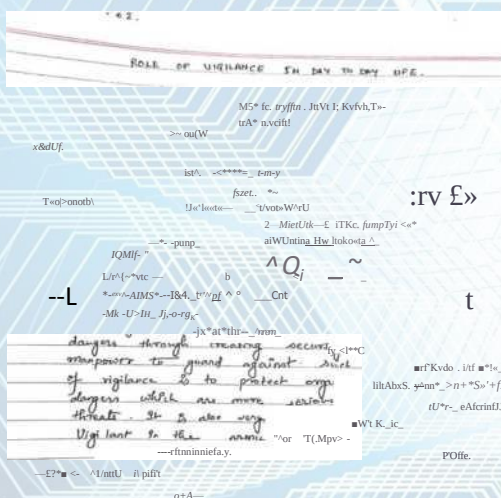


Fig: Debate Competition, Essay Writing



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Nirman Club



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AY: 2019-2020

Title: Event report of Seminar on “New Innovation in Construction”.

Date: September 20, 2019 **Location:** Seminar Hall

Speaker: Dr. Abhijit Dasgupta, Joint Managing Director/s M.N.Dastur and Co.(P) Ltd.,Kolkata

Introduction

On September 20, 2019, a seminar titled “New Innovation in Construction” was held at the college campus. The event was organized to provide participants with insights into the latest innovations and technological advancements in the construction industry. The seminar attracted a diverse group of 72 participants, including students, faculty members, and industry professionals, all eager to learn about the cutting-edge developments shaping the future of construction.

Event Objectives

- **Knowledge Dissemination:** To introduce participants to the latest innovations in construction, including emerging technologies, materials, and methods.
- **Practical Application:** To explore how these innovations can be applied in real-world construction projects to enhance efficiency, sustainability, and quality.
- **Industry Engagement:** To connect students and faculty with industry professionals, fostering an exchange of ideas and encouraging collaboration on future projects.
- **Career Development:** To provide attendees with information that could be beneficial for their academic and professional growth, particularly in the evolving field of construction.

Event Overview

The seminar featured a series of presentations from leading experts in the construction industry. The sessions covered a wide range of topics, including the use of advanced construction materials, sustainable building practices, automation and robotics in construction, and innovative design approaches. Each presentation was followed by an interactive Q&A session, allowing participants to engage with the speakers and delve deeper into the topics discussed. The seminar began with a keynote address, setting the stage for a day of learning and exploration. Subsequent sessions highlighted various innovative practices, such as 3D printing in construction, modular construction techniques, and the integration of smart technologies in building projects.

Event Outcomes

- **Expanded Knowledge Base:** Participants gained a comprehensive understanding of the latest innovations in construction, including their potential benefits and challenges.



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- **Increased Awareness:** The seminar raised awareness about the importance of adopting new technologies and methods to improve construction processes and outcomes.
- **Practical Insights:** Attendees received practical advice on implementing innovative construction techniques in their projects, enhancing their professional skills and capabilities.
- **Networking Opportunities:** The event provided a platform for students, faculty, and industry professionals to network, share ideas, and discuss potential collaborations.



Figure: Glimpse of Seminar on New Innovation in Construction



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Title: Event report of “PowerPoint Presentation on Innovative Construction”.

Date: March 17, 2020 **Location:** Seminar Hall

Introduction

On March 17, 2020, the college campus hosted a "PowerPoint Presentation on Innovative Construction," an event designed to showcase new ideas and cutting-edge technologies in the construction industry. The presentation provided an opportunity for students and faculty to learn about the latest developments in construction, focusing on innovative approaches that are transforming the field. A total of 45 participants, including students and faculty members, attended the event, making it a platform for knowledge exchange and professional growth.

Event Objectives

- **Highlight Innovation:** To introduce participants to the latest innovations in the construction industry, focusing on new technologies, materials, and methods.
- **Skill Development:** To enhance the presentation and communication skills of participants by encouraging them to present complex technical information effectively.
- **Knowledge Sharing:** To create an environment where students and faculty can share ideas, discuss recent advancements, and explore future trends in construction.
- **Inspiration for Future Projects:** To inspire students to think creatively and consider innovative solutions in their academic and professional projects.

Event Overview

The event consisted of a series of PowerPoint presentations delivered by students and faculty members. Each presentation highlighted a specific innovation in construction, ranging from sustainable building materials and smart technologies to advanced construction techniques like 3D printing and modular construction. Presenters were encouraged to focus on both the technical aspects of these innovations and their practical applications in real-world scenarios.

The presentations were followed by a discussion session, where participants had the opportunity to ask questions, provide feedback, and engage in meaningful dialogue about the topics presented. This interactive format allowed for a deeper understanding of the subjects and encouraged collaborative learning.

Event Outcomes

- **Increased Awareness:** Participants gained a deeper understanding of the latest innovations in construction, including how these advancements can be applied in practice.
- **Enhanced Presentation Skills:** The event provided a platform for students to develop and showcase their presentation skills, particularly in explaining complex technical concepts clearly and effectively.



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- **Knowledge Exchange:** The event facilitated a valuable exchange of ideas among participants, fostering a collaborative learning environment.
- **Inspiration and Creativity:** The presentations inspired attendees to explore innovative solutions in their future construction projects, emphasizing the importance of staying updated with industry trends.



Figure: PowerPoint Presentation on Innovative Construction



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Mathematics Club



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Observance of the Exhibition on Scientific models and Crafts using Waste Materials

No. of Participants: 20 Venue: Room No 518 Date: 06.11.2019 Time: 2.00P.M Objective of the Event-
To let the student's creative juices flow and turned garbage into scientific model, beautiful, artistic things as well practical day to day use items using waste materials.

The Mathematics Club in collaboration with Arts & Crafts of SurTech has arranged an exhibition on scientific models and crafts using waste materials for the students irrespective of the departments.

The students even came up with scientific models of India's latest PSLV rockets, polar ice caps melting model, factory set up model, model satellite made completely from spare waste products such as lint, cotton, cardboard, newspapers etc.

There were brilliantly made paper bags, composed solely of newspapers, decorative items such as photo stands, pen holders and even table lamps made entirely from wooden ice-cream popsicle spatulas, also describe the geometrical pattern of those models.

The exhibition was honoured by the presence of several guardians, our respected Principal and Registrar madam as well as faculty members, HOD's and students.

Glimpse of the event:





Dr. Sudhir Chandra Sur Degree Engineering College

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Observance of the Webinar on Fundamental on C programming with mathematical logic behind it

No. of Participants: 30 Venue: Online Platform Date: 03.05.2020 Time: 6.00P.M Objective of the Event-
To equip the students with a strong foundational knowledge of C programming, develop logical thinking capacity, enable problem-solving capabilities, and the ability to write efficient code.

The Mathematics Club of SurTech has arranged a Webinar on Fundamental on C programming for the first-year students irrespective of the departments. The event was held online.

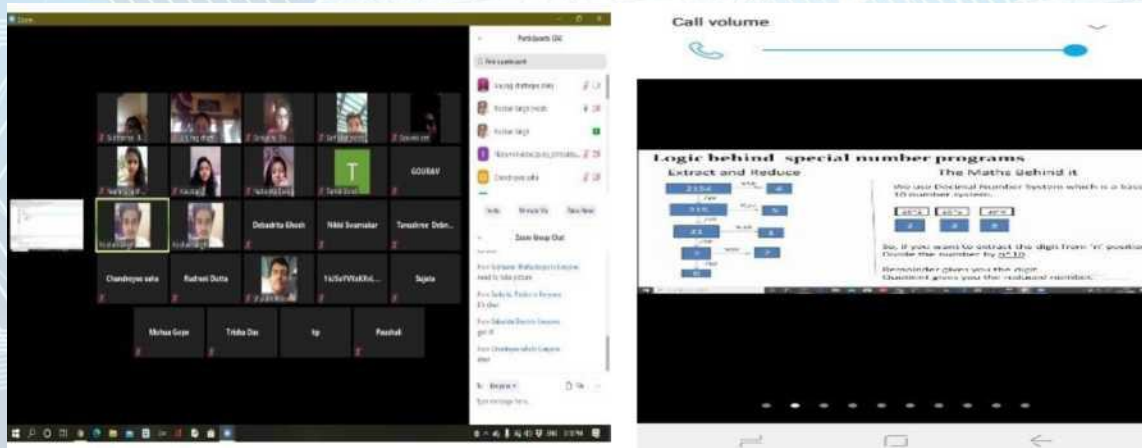
The speaker of the session was Mr. Nitish Kumar, Information security consultant. The session was for three and half hours, he discussed all the necessary concepts regarding the Loops, Unconditional Branching Statements, Nested Loops and Pointers. Programs such as, checking whether a number is Armstrong or not, Pattern printing and Simple Pointer related programs were discussed.

There were more than 30 students who participated in this webinar. It was an interactive session where all the participants participated in every phase of the coding part.

The students were delighted and shared good feedback about the session. The program provided a platform from where one could learn C programming knowledge sitting back at home during these quarantine days.

It was coordinated by Ms Pallabi Bose, and Mr Vivek Shaw, Assistant Professors, BS &HU department. At the end the convener offered a vote of thanks to all the attendees.

Glimpse of the event:





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Coding Club



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REPORT ON CODTNG CLUB 2019-2020

DATE: 13/04/2020

PLACE: Hacker Earth (Online mode)

PARTICIPANTS: College students who had registered for the contest **ORGANIZER:**

CODTNG CLUB OF CSE, DSCSTTSC (BINARY CODERS) FACULTY MEMBERS -

^ Rinku Supakar (Faculty, CSE)

^ Madhusmita Mishra (Faculty, CSE)

^ Anjan Kr Payra (Faculty, CSE)

STUDENT MEMBERS -

^ *Club Lead: Piyush Singh (CSE 4th year)*

Sayantan Mishra (CSE 4th year)

^ *Communications Lead: Arko Dutta (CSE 3rd Year)*

Rahul Saha (CSE 3rd Year)

^ *Design Lead: Prince Kumar Sharma (CSE 1st year)*

The Department of CSE has organized a online coding contest on 13th April 2020 in virtual platform google meet in order to promote coding skill and attitude of the students.

Competitive Programming teaches a person to find the easiest solution in the quickest possible way. Coding enhances problem-solving and debugging skills, giving the real-time fun of budding technocrats. As one person starts solving harder and harder problems in live-contests of coding, his or her analytical and rational thinking intensifies.

Platform supporter: Hacker Earth

Total Participation: 77 Top performers:

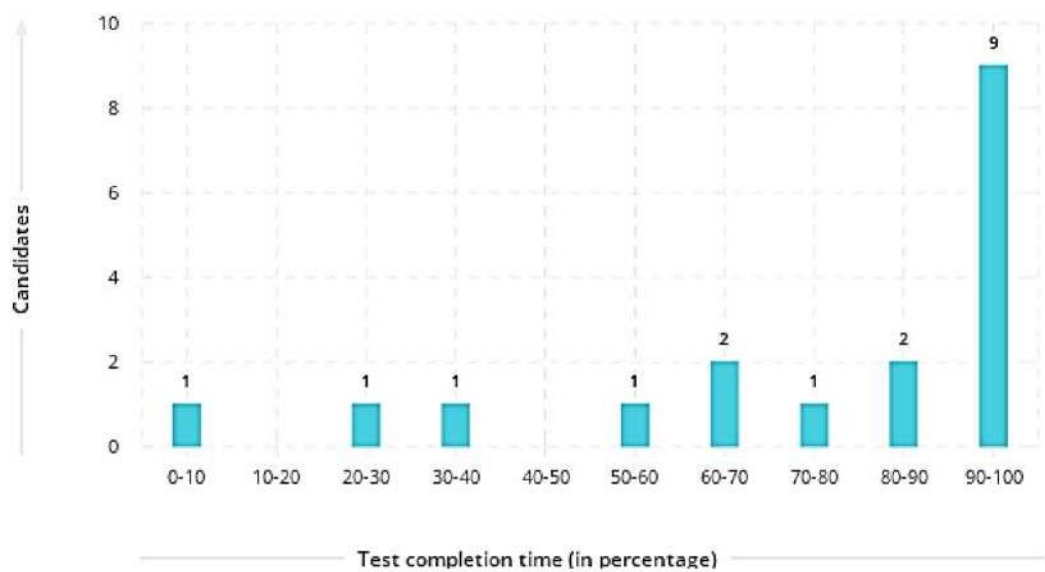
- **1st - Subarna Kirtaniya - 83/120 mins. (CSE 2nd Year)**
- **2nd - Agnideep Podder - 107/120 mins. (CSE 3rd Year)**
- **3rd - Sohini Chakraborty - 119/120 mins. (CSE 1st Year)**



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This graph displays the distribution of the test completion time of all the candidates who have attempted the test.





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Art and Craft Designing Club



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Observance of the Exhibition on Scientific models and Crafts using Waste Materials

No. of Participants: 20

Venue: Room No 518 | Date: 06.11.2019

Winner Name :Stuti Dey (ECE, 1st Year)

Objective of the Event-

To let the student's creative juices flow and turned garbage into scientific model, beautiful, artistic things as well practical day-to-day use items using waste materials.

The Arts & Crafts in collaboration with Mathematics Club of Dr. Sudhir Chandra Sur Degree Engineering College has arranged an exhibition on scientific models and crafts using waste materials for the students irrespective of the departments.

The collaborative effort between the Arts & Crafts Club and the Mathematics Club at DSCSDEC resulted in a captivating exhibition that showcased scientific models and crafts crafted from recycled materials. This innovative showcase was open to students from all departments, fostering a sense of interdisciplinary creativity.

Among the standout creations were scientific models that captured the essence of India's latest PSLV rockets, providing an intricate and visually compelling insight into space exploration. Another noteworthy exhibit was a model depicting the melting of polar ice caps, drawing attention to the environmental challenges our planet faces. Additionally, a meticulously detailed factory setup model and a model satellite, ingeniously constructed from spare waste materials like lint, cotton, cardboard, and newspapers, demonstrated the students' resourcefulness and commitment to sustainable practices.

The craftsmanship extended beyond scientific models to include aesthetically pleasing items such as brilliantly crafted paper bags made exclusively from newspapers. Decorative pieces like photo stands, pen holders, and table lamps were created with a keen eye for design, utilizing wooden ice-cream popsicle spatulas as the primary material. The incorporation of intricate geometrical patterns into these items added a layer of sophistication, emphasizing the fusion of art and mathematics.

The exhibition drew a distinguished audience, including several guardians, the esteemed Principal, and the Registrar. Faculty members, Heads of Departments (HODs), and students also attended, contributing to the event's rich diversity and fostering a collaborative spirit. The presence of these respected individuals underscored the significance of the exhibition, acknowledging the students' creativity and the importance of promoting sustainable practices through innovative artistic and scientific endeavours.



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Few pictures are attached herewith.





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Outcome of the Exhibition on Scientific Models and Crafts using Waste Materials:

The exhibition organized by the Arts & Crafts department in collaboration with the Mathematics Club at DSCSDEC proved to be a resounding success, leaving a lasting impact on both participants and attendees.

Recognition and Appreciation: The diverse and innovative exhibits received widespread recognition and appreciation from the audience, including guardians, faculty members, Heads of Departments (HODs), and students. The event successfully showcased the talents of the participating students and their ability to merge creativity with scientific and mathematical concepts.

Interdisciplinary Engagement: The exhibition fostered a sense of interdisciplinary engagement, breaking down departmental barriers. Students from various academic backgrounds had the opportunity to explore and appreciate the intersection of art, science, and mathematics, promoting a holistic understanding of education.

Environmental Awareness and Sustainability: The exhibition successfully conveyed a powerful message about environmental awareness and sustainability. Through exhibits like the polar ice caps melting model and the model satellite made from waste products, the event contributed to raising awareness about the importance of repurposing materials and adopting sustainable practices.

Innovation in Waste Utilization: The creative use of waste materials in crafting scientific models and decorative items demonstrated the students' commitment to innovation and resourcefulness. This aspect of the exhibition highlighted the potential for turning waste into valuable and aesthetically pleasing creations.

Artistic and Mathematical Fusion: The incorporation of geometrical patterns in both scientific models and decorative items showcased a seamless fusion of artistic expression with mathematical principles. This integration highlighted the depth of creativity and the ability of students to bring together different disciplines.

Community Engagement: The presence of several guardians, the respected Principal, Registrar, faculty members, and HODs added a significant dimension to the event. The exhibition served as a platform for the community to come together, fostering a sense of pride and unity in the achievements of the students.

Inspiration for Future Initiatives: The success of the exhibition provides inspiration for future initiatives that promote creativity, sustainability, and interdisciplinary collaboration. It sets a precedent for similar events that encourage students to think outside the box and contribute to a more environmentally conscious and integrated academic community.



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Art & Craft Fair” An Drawing Competition by Art & Craft Club

No. of Participants: 43

Venue: Online | Date: 03.05.2020

Winner Name: Sajal Mondal (AUE, 1st Year)

Objective of the Event-

To promote artistic expression, creativity, and talent while fostering healthy competition and celebrating the diversity of art.

Introduction: The Art & Craft Club of Dr. Sudhir Chandra Sur Degree Engineering College has successfully organized an online Art & Craft Fair, featuring a Drawing Competition on May 3, 2020. This virtual event was designed to provide a platform for artists to showcase their creativity and drawing skills, even in the midst of challenging times.

Event Highlights:

1. **Virtual Participation:** Despite the restrictions on physical gatherings, 43 enthusiastic participants joined the competition from the safety of their homes, displaying unwavering commitment to art.
2. **Digital Submissions:** Participants submitted their artworks digitally, embracing various themes and artistic styles, which demonstrated the adaptability of artists to new mediums.
3. **Online Judging:** A panel of judges with expertise in art and craft evaluated the digital submissions. They assessed each artwork based on creativity, technique, and adherence to the theme, embracing the possibilities of virtual events.
4. **Community Engagement:** The online format allowed for a broader audience reach, and art enthusiasts from within the college and beyond joined the event to appreciate the participants' work.
5. **Prizes and Recognition:** The competition recognized and rewarded the winners with certificates, fostering a competitive yet encouraging atmosphere for the artists.

Few pictures are attached here with.



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Photography Club



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Title: Capturing the Spirit of Durga Puja through Photography Competition Date: 26th September,

2019 **Time:** 4.00p.m onwards **Venue:** College Campus

Objective: To foster and promote the creative and technical skills of the students through their participation in the competition.

The recent photography competition organized by the Photography Club of Dr. Sudhir Chandra Sur Degree Engineering College centered on the vibrant celebration of Durga Puja, proved to be a remarkable fusion of cultural heritage and artistic talent. Students from across various departments participated enthusiastically, presenting an array of photographs that captured the essence and splendor of the festival. From the elaborate decorations and dynamic processions to the poignant moments of devotion and community gatherings, the entries reflected both the festivity and the deeper spiritual significance of Durga Puja.

Outcome of the Event: The competition not only provided a platform for students to showcase their work but also fostered a greater appreciation for the cultural significance of Durga Puja within the college community.

Glimpse of the event:





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Cultural Club (Dance, Music and Singing)



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Independence Day

Objective: The aim of the program was to spread awareness among people regarding the many sacrifices our freedom fighters made for the freedom movement .

Date: 15th August, 2019 **Time:** 08:30 AM **Venue:** College Campus

Report: It gives me immense pleasure to inform you that Cultural committee of DSCSDEC in association has celebrated Independence Day- on 15th August 2019, which remains the most significant day in the history of India. The program started with the flag hoisting ceremony observed by our honorable Principal sir, Registrar Sir followed by the singing of the National Anthem. A Cultural program was conducted in the presence of students and faculty members. Students and faculty members recited poems and expressed the importance of this day through speeches, patriotic songs and dances. At the end of this celebration a vote of thanks was proposed. Some glimpses are attached herewith.



**Celebrating Independence Day on College campus on
15th August 2019**



**Cultural activities on Independence Day on
college campus**



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Republic Day Celebration

Objective: To raise awareness about the significance of the Constitution of India enactment.

Date: 26th January 2020.

Time: 8:00 AM **Venue:** College Campus

Report: Cultural Committee of DSCSDEC organized Republic Day 2020 like every year. Dr. Om Prakash Sharma, the Principal, inaugurated the event. Republic Day the date on which the Constitution of India came into effect on 26 January 1950 replacing the Government of India Act (1935) as the governing document of India and thus, turning the nation into a newly formed republic. Principal will host the flag and deliver a speech highlighting the significance of republic day to the students and staff. Few Directors, Heads and AO also speak. The Republic Day celebration preceded with a cultural performance by the students.

Few photographs of the event are attached herewith.



“Republic Day” celebration on 26th January 2020 and Singing performance



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Quiz and Debate Club



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Topic: Debate on Politics and Governance

Date: September 2, 2019 Time: 10:00 AM - 4:00 PM

Topic: "Is Democracy the Best Form of Government?"



Program Schedule:

- 10:00 AM - 10:30 AM: Registration and Welcome
- 10:30 AM - 11:00 AM: Introductory Speech by Dr. Meera Nair, Political Science Expert
Dr. Nair discussed the principles of democracy and its challenges in the modern world, setting the stage for a spirited debate.
- 11:00 AM - 1:00 PM: Debate Session 1 (Round 1)
Teams debated the effectiveness of democracy compared to other forms of government, considering historical and contemporary examples.
- 1:00 PM - 2:00 PM: Lunch Break
- 2:00 PM - 4:00 PM: Debate Session 2 (Round 2)
The second round focused on the future of democracy in an era of increasing authoritarianism and populism.
- 4:00 PM - 4:30 PM: Conclusion and Judging
Judges appreciated the participants' ability to argue complex political theories and their relevance to current global events.



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Outcome:

Team "Democracy Defenders" won with their strong defense of democratic principles and their adaptability. The opposition team "Alternative Governance" was praised for their thought-provoking arguments on the limitations of democracy.



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Report on College Debate: The Role and Impact of Sports

Date: March 5, 2020

1. Objective

The primary objective of the college debate on sports was to explore and critically evaluate the multifaceted role that sports play in contemporary society. This included discussions on:

- **Educational Benefits:** How sports contribute to academic performance, discipline, and personal development.
- **Health and Wellness:** The impact of sports on physical and mental health.
- **Social Dynamics:** The role of sports in community building, social integration, and inclusivity.
- **Economic Aspects:** The financial implications of sports programs for institutions and communities.
- **Ethical Considerations:** Issues related to competition, sportsmanship, and the impact of commercialization.

2. Participants

The debate featured a diverse group of participants:

- **Students:** A mix of undergraduates from various fields, including sports management, health sciences, psychology, and education. Their engagement brought varied perspectives based on their academic backgrounds and personal experiences.
- **Faculty Members:** Professors from departments such as Physical Education, Sociology, and Business. Their insights provided a deeper understanding of the theoretical and practical implications of sports.
- **Guest Speakers:** Includes former athletes, sports coaches, and community leaders who offered real-world perspectives on the impact of sports.
- **Audience:** Fellow students, staff, and members of the local community who attended to support their peers and engage in the discussion.

3. Outcome

The debate yielded several key outcomes:

- **Educational Benefits:** Participants widely acknowledged that sports foster valuable life skills such as teamwork, leadership, and time management. However, there was debate about the extent to which these benefits translate into academic success and overall personal growth.
- **Health and Wellness:** There was consensus on the positive effects of sports on physical fitness and mental health. Yet, concerns were raised about the pressures of competitive sports potentially leading to burnout or injury.
- **Social Dynamics:** The role of sports in enhancing social cohesion and providing a sense of community was highlighted. However, some participants argued that sports



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can also perpetuate social divisions and exclusion, particularly in cases where access is limited by socioeconomic factors.

- **Economic Aspects:** Discussions revealed that while sports programs can generate significant revenue and enhance institutional prestige, they can also lead to financial strain and prioritize athletics over academics.
- **Ethical Considerations:** The debate touched on the ethical dilemmas of commercialization and the integrity of competitive sports. Issues such as doping, fair play, and the exploitation of athletes were critically examined.





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Documentary and Drama Club



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Tribute to Babasaheb Ambedkar Jayanti through the theatrical presentation of 'Samman'

No. of Participants: 20

Venue: Ground of the Institute Date: 11.04.2019 Time: 6.00P.M

Objective of the Event- To introduce the students with the life and works of B.R Ambedkar and to instill in the values taught by him.

The Surtech Drama Club recently staged a remarkable play titled "Samman," which served as a tribute to the great leader B. R. Ambedkar. "Samman" is a thought-provoking theatrical production that highlights the significant works and contributions of Dr. B. R. Ambedkar. The play takes the audience on a journey through his life, shedding light on his tireless efforts to eradicate social discrimination and promote social justice. It beautifully encapsulates his struggles, achievements, and vision for a more equitable society.

The play successfully instills in the audience the values of equality, justice, and the importance of education. It encourages viewers to reflect on these principles and apply them to their lives.

"Samman" has had a profound impact on its audience. The play sparked discussions about social reform and the ongoing importance of upholding the principles he advocated for. The Drama Club's efforts in bringing this important narrative to the stage are commendable, and "Samman" stands as a powerful reminder of the ongoing need for social justice and equality.

Glimpse of the event:





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Observance of the National Science Day through Documentary Projection

No. of Participants: 10 Venue: Room no 220 Date: 28.02.2020 Time: 3.00P.M

Objective of the Event- To celebrate the scientific discoveries and to discuss the positive and negative use of these discoveries with special emphasis on internet and technology

The Documentary and Drama club of our institution has observed the National Science Day on 28.02.2020 through the projection of a documentary. The theme of the documentary was in alignment with the contest emphasizing especially on internet and current discoveries. The contribution of internet is all encompassing and inevitable in the current discoveries. On the other side, with the ever emerging progress of World Wide Web, the illegal usage of the same is increasing. To disseminate awareness of the comprehensive knowledge of such discoveries and to promote the positive use and implementation of scientific power, the club has organized an event, "The Curtain Call", screening a Documentary (aligned with the context) and thereafter an enlightening discussion session was organized. Students and faculties irrespective of all the departments participated in the event. At the end the convener offered a vote of thanks to all the attendees.

Glimpse of the event





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Biosystems and Environmental Club



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Biodiversity Awareness Campaign

Date: September 15, 2019 Location: College Auditorium



Introduction

Biodiversity is essential for ecosystem health and resilience. The "Biodiversity Awareness Campaign" at Dr. Sudhir Chandra Sur Degree Engineering College aimed to educate the college community about the importance of biodiversity and promote conservation efforts.

Event Objectives The campaign aimed to:

1. **Educate Participants:** Provide information on the importance of biodiversity and the threats it faces.
2. **Engage the Public:** Increase public awareness through interactive exhibits and discussions.
3. **Promote Conservation:** Encourage actions to support biodiversity and protect endangered species.
4. **Foster Collaboration:** Facilitate discussions among researchers, activists, and students on biodiversity issues.

Event Outcome

The campaign resulted in:

1. **Increased Awareness:**



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- **Expert Talks:** Dr. A. Desai and Dr. R. Mehta provided valuable insights into biodiversity threats and conservation strategies.
- **Documentary Screening:** The screening of "The Vanishing World" highlighted the plight of endangered species and their habitats, leading to a deeper understanding among viewers.

2. Public Engagement:

- **Interactive Exhibits:** Exhibits on different ecosystems and endangered species attracted significant interest. Interactive activities, such as the "Biodiversity Quiz," further engaged attendees.
- **Community Participation:** Panel discussions with environmental advocates emphasized practical conservation actions that participants could adopt.

3. Actionable Insights:

- **Policy Recommendations:** Discussions led to the development of policy recommendations aimed at enhancing biodiversity protection at local and national levels.
- **Practical Tips:** Attendees received practical tips on creating biodiversity-friendly habitats at home.

4. Community Involvement:

- **Diverse Participation:** The event involved students, researchers, activists, and the general public, fostering a broad exchange of ideas and collaborative solutions.
- Conclusion**
The Biodiversity Awareness Campaign successfully raised awareness about biodiversity issues and promoted conservation efforts. The event highlighted the importance of public engagement and interdisciplinary collaboration in addressing ecological challenges.



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Title: Green Technology Innovation Seminar at DSCSDEC

Date: February 20, 2020 **Location:** College Conference Hall



focused on showcasing advancements in green technology and fostering collaboration among stakeholders.

Event Objectives

The seminar aimed to:

1. **Showcase Innovations:** Present cutting-edge green technologies and research.
2. **Foster Collaboration:** Create opportunities for interdisciplinary collaboration between researchers, industry leaders, and policymakers.
3. **Encourage Innovation:** Inspire students and professionals to develop and implement green technologies.
4. **Expand Knowledge:** Provide insights into emerging trends and opportunities in green technology.

Event Outcome

The seminar achieved:

1. **Showcase of Innovations:**



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- **Presentations:** Over 100 presentations covered advancements in renewable energy, biodegradable materials, and energy-efficient systems. Highlights included a new solar panel technology and a breakthrough in energy storage solutions.
 - **Student Projects:** Innovative student projects, such as a solar-powered water heater, were showcased and received positive feedback from industry experts.
2. **Collaborative Opportunities:**
- **New Partnerships:** Several new collaborations were formed, including research partnerships between academic institutions and industry leaders.
 - **Interdisciplinary Teams:** Teams comprising researchers, engineers, and policymakers were established to work on green technology projects.
3. **Increased Engagement:**
- **Networking Sessions:** Facilitated valuable connections between students, researchers, and industry professionals, leading to potential internships and job opportunities.
 - **Workshops:** Practical workshops on green technology implementation provided attendees with hands-on experience.
4. **Policy Influence:**
- **Recommendations:** Discussions on green technology trends informed policy recommendations for supporting innovation and sustainability.

Event Participants

Participants included:

1. **Researchers and Academics:** Presented and discussed recent advancements in green technology.
2. **Industry Leaders:** Showcased technologies and explored collaboration opportunities.
3. **Students and Professionals:** Engaged in presentations and networking sessions.

Conclusion

The Green Technology Innovation Seminar successfully highlighted advancements in green technology and fostered collaboration among stakeholders. The event demonstrated the importance of innovation and interdisciplinary efforts in advancing environmental sustainability.



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(Community Connect) NSS Club



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Tree Plantation Program Organized by NSS & Extracurricular Activities Committee

Date: 20th August 2019

Time: 04.00PM

Y'enuer: College Ground, Dr. Sudhir Chandra Sur Degree Engineering College No.

of Participants: 85

Objective: The purpose of this activity was to spread awareness about the need for plantation of a greater number of trees to keep our environment healthy.

The students of Dr. Sudhir Chandra Sur Degree Engineering College along with the NSS team and Extracurricular Committee members organized an activity on "Tree Plantation Program" under the Environmental Awareness Scheme on 20th August, 2019 to spread the awareness about plantation activity which is much needed for the conservation of the environment.

The event began with the plantation of a medicinal plant by our Principal Sir who had also shared a speech on the need and benefits of planting trees in our environment. Students have planted around 90 trees all around the premise. A variety of plants ranging from medicinal values to aesthetic properties have been gathered for plantation. Saplings of rose plants, marigold, tulsi and bonsai plants were planted by the students near the front gate of the college.

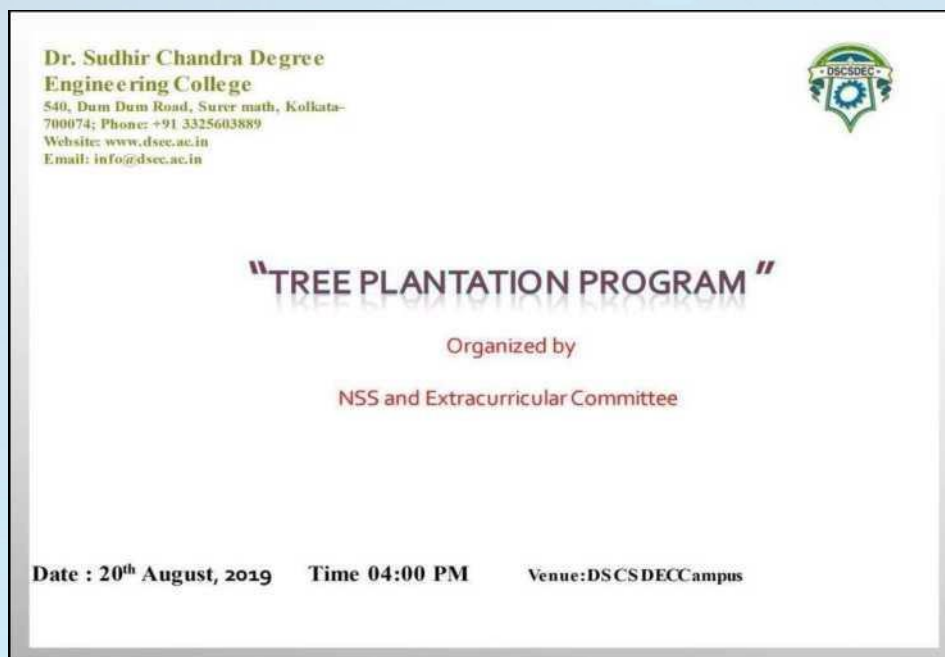
A rally was also made by the students within the campus with the slogan "Save Tree Save Life" to promote the message of importance of this activity.

Name of event	Coordinator	Number of participants
Tree Plantation Program	Prof. Dcbasmita Manna	85



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Banner of "Tree Plantation Program" on
20.08.2019





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Glimpse of “Tree Plantation Program” on 20.08.2019

Swachh Bharat Abhiyan Activity

Organized by

NSS& Extracurricular Activities Committee

Date-1 1st March 2020

Time: 02.00PM

Venue: College premise and nearby slum area Dr. Sudhir Chandra Sur Degree Engineering College

No. of Participants: 70

Objective: The purpose of this activity was to spread awareness about the need for maintenance of cleanliness in and around our society.

The students of Dr. Sudhir Chandra Sur Degree Engineering College along with the NSS team and Extracurricular Committee members organized an activity on “Swachh Bharat Abhiyan” on 11th March, 2020 under the National Awareness Scheme to eliminate the open defecation of garbage and various other pollutants hampering the environment.

The main aim behind the starting of this mission was to achieve an open defecation-free India by 2nd October 2019, the auspicious occasion of the 150th birth anniversary of the father of the nation, Mahatma Gandhi. All students, faculties and other staff members took part in this event by cleaning their respective departments and classrooms and nearby slum area.

A rally was also organized by the students with posters and slogans promoting the message of “clean India” within the college premise and nearby slum area to raise awareness about the need for maintaining cleanliness in our environment.

Name of event	Coordinator	Number of participants
Swachh Bharat Abhiyan Activity	Prof. Debasmita Manna	70



Dr. Sudhir Chandra Sur Degree Engineering College

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375



Glimpse of "Swachh Bharat Abhiyan" on 11.03.2020



Dr. Sudhir Chandra Sur Degree Engineering College

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Literary Club



Dr. Sudhir Chandra Sur Degree Engineering College

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Events organized by the club:

Constitution Day Observation (2019)

The Literary Club of Dr. Sudhir Chandra Sur Degree Engineering College has observed “Constitution Day” on 25th November, 2019 with the 1st year students of all departments to instill in them the spirit of solidarity and unity at the very beginning phase of their career. Constitution Day, also known as ‘Samvidhan Divas’, is celebrated in our country on 26th November every year to commemorate the adoption of the Constitution of India. On 26th November 1949, the Constituent Assembly of India adopted the Constitution of India, which came into effect from 26th January 1950. Students from various departments have participated in poster-making and speech- giving activities. Also, to cherish the spirit of the day, they have read the Preamble for developing the feeling of solidarity towards our nation.



Observation of Constitution Day on 25.11.2019



Dr. Sudhir Chandra Sur Degree Engineering College

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Phone: +91 22 25603889, 25603898, 65330375

Observation of Mother Language Day (2020)

The Literary Club of Dr. Sudhir Chandra Sur Degree Engineering College has observed “International Mother Language Day” on 21st February, 2020 to promote the significance of our mother languages which enable us to express the distilled emotions without being filtered in any way. This year the theme of International Mother Language Day, as introduced by the UN, is " Using Technology for Multilingual Learning: challenges and opportunities". Keeping this theme of pivotal importance, our faculty members and almost all students organized a hybrid cultural programme. The focus was on fostering multilingualism and promoting the linguistic diversity of the nation. The event began with an inaugural speech by our respected principal sir, Dr. Om Prakash Sharma who poured out all his words of blessings, beautifully knitted with the words in his mother tongue which was obviously noteworthy. Our students have also filled in the ambiance with their passion for their mother language that reflected in their performances. Posters, paintings, and write ups, crafted by these enthusiasts, were exhibited on the departmental bulletin. The participants depicted the significance of the practice of mother language day and paid tribute to the martyrs of "Bhasha Andolon".



Observation of International Mother Language Day on 21.02.2020

Summary

The year witnessed couple of events organized by the club which aims at helping to build a vibrant community of readers and writers, offering opportunities for learning, sharing, and enjoying literature together, with the collaborative participation of faculties and students of the society.



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Yoga and Meditation Club



Dr. Sudhir Chandra Sur Degree Engineering College

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074

Phone: +91 22 25603889, 25603898, 65330375

Title: Event report on the seminar of health awareness program

Date: February 04, 2020 **Location:** Seminar Hall

Speaker: Dr. Tanima Das Bhattacharya, MBBS, MD - General Medicine, DM - Nephrology

Introduction

The Yoga and Meditation Club of Dr. Sudhir Ch. Sur Degree Engineering College has successfully organized a Free Health Check-up Camp and Free Health Awareness Seminar on 04th February 2020, jointly with Narayana Health. In this program, the honorable speaker Dr. Tanima Das Bhattacharya, MBBS, MD - General Medicine, DM - Nephrology, delivered a speech on “Kidney Disease”.

Event Objectives

- **Identify Health Issues Early:** Screen individuals for potential health conditions or risk factors (e.g., hypertension, diabetes, cholesterol levels) before they become severe.
- **Preventive Care:** Provide vaccinations, counseling, and lifestyle advice to prevent the onset of diseases.
- **Inform Participants:** Educate individuals about their health status and how to manage or improve their conditions.
- **Increase Knowledge:** Provide information about various health issues, prevention strategies, and healthy living practices.
- **Encourage Preventive Measures:** Advocate for regular exercise, balanced diets, and other preventive health practices.

Event Overview

The esteemed speaker, Dr. Tanima Das Bhattacharya, gave a brief introduction to health awareness and its importance before the session started. The advantages of excellent health were emphasized, underscoring its significance in the hectic and demanding world of today. The honorable speaker went over the causes and treatments of renal disorders. At the end of the workshop, participants were given the opportunity to ask questions and receive one-on-one advice. A free health checkup activity was included in the second half of the program. Random blood sugar testing, weight checks, blood pressure checks, electrocardiograms, eye exams, and medical consultations are all part of a health checkup. Over 150 staff members and students took part in this health screening initiative.

Event Outcomes

- Participants gain a better understanding of health issues, risk factors, and preventive measures. This improved health literacy helps individuals make more informed decisions about their health.
- Workshops provide detailed information about specific conditions, such as diabetes, heart disease, or mental health issues, including symptoms, causes, and management strategies.



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- Participants may adopt better self-care practices, including regular exercise, stress management techniques, and preventive health measures like routine screenings and vaccinations.
- Free health check-ups enable early detection of health conditions such as hypertension, diabetes, and cholesterol imbalances, which might otherwise go unnoticed.



Figure: Glimpse of Seminar on Kidney Disease



Figure: Glimpse of health checkup camp



Dr. Sudhir Chandra Sur Degree Engineering College

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Sports Club



Dr. Sudhir Chandra Sur Degree Engineering College

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Title: Football Tournament Date: 05/08/2019 Time: 10:00am onwards Venue: College

Ground No of Participants: 56

Objective: To learn how to compete and contribute to a team with all the skill sets

Dr. Sudhir Chandra Sur Degree Engineering College has organized a Football Tournament on 05/08/2019 at our college ground. The tournament was inaugurated by Hon'ble Principal Sir. At the end of the Football Tournament, the winners and the runners up were awarded by our Hon'ble Principal sir.

Outcome of the Event: Team work, accuracy, skill, perfection, leadership quality were the key highlights of the tournament.

Few glimpses of the tournament



Football Tournament held on 05.08.2019



Dr. Sudhir Chandra Sur Degree Engineering College

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Title: Table Tennis Tournament Date: 25/09/2019 to 27/09/2019 Time: 3:00pm onwards Venue:

Common Room No of Participants: 32

Objective: To enhance skill, reflex and decision-making capabilities

Dr. Sudhir Chandra Sur Degree Engineering College has organized a Table Tennis Tournament from 25/09/2019 to 27/09/2019. At the end of the tournament, the winner and the runners up were awarded by our Hon'ble Principal sir. Over the entire event ended up with a successful cherishing moment.

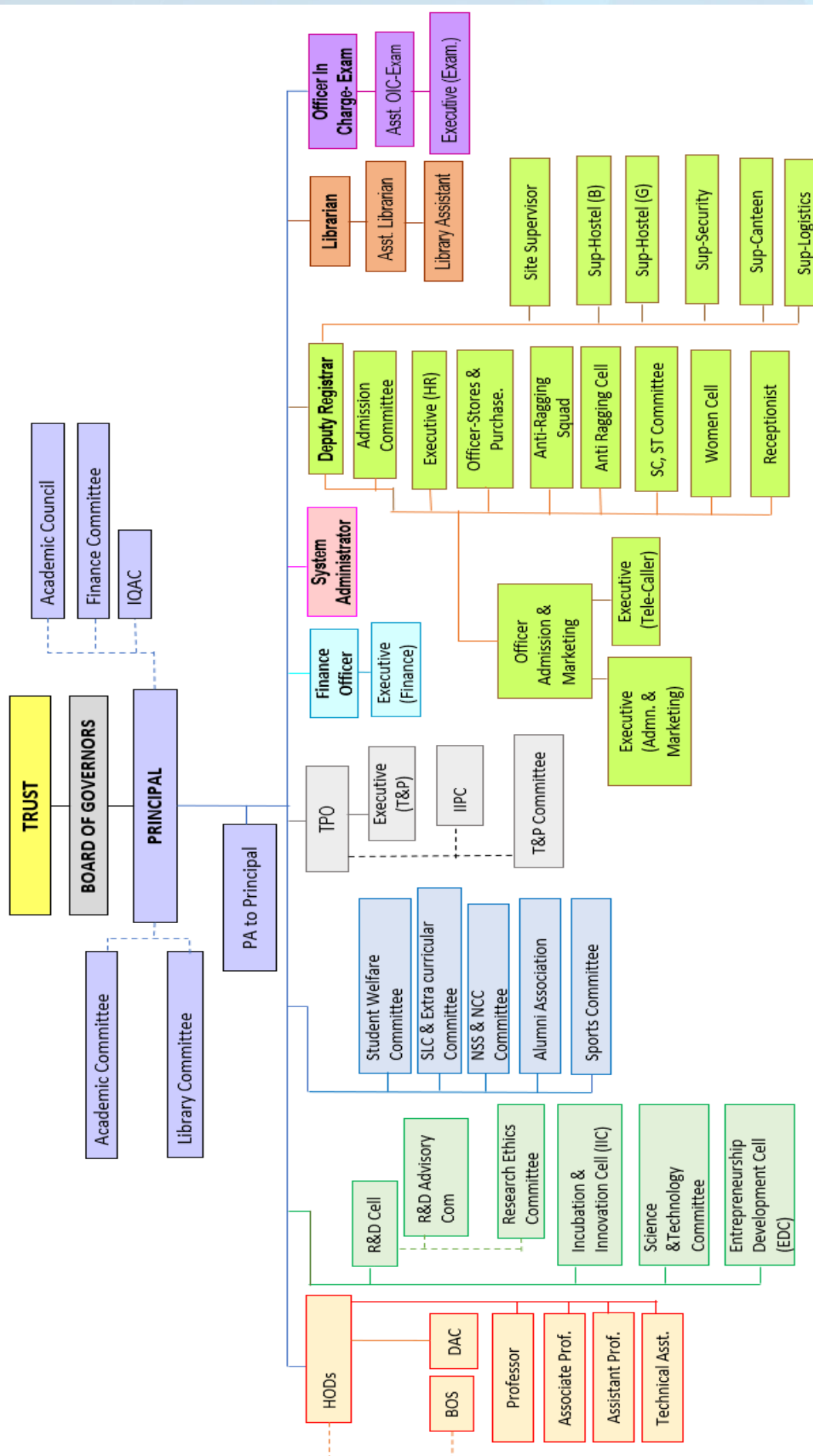
Outcome of the Event: The tournament was full of impeccable rallies, scintillating smashes & returns demonstrating tremendous ball control, excellent hand eye coordination and remarkable comebacks.

Few glimpses of the tournament



Table Tennis Tournament held from 25.09.2019 to 27.09.2019

Institutional Organogram



Administrative Heads



Prof. (Dr.) Om Prakash Sharma
Principal
Dr. Sudhir Chandra Sur Degree
Engineering College



Ms. Dazy Rani
Assistant Registrar
Dr. Sudhir Chandra Sur Degree
Engineering College



Mr. Vivek Shaw
Controller of examination
Dr. Sudhir Chandra Sur Degree
Engineering College

Departmental Heads

Serial No.	Name	Designation	Name of the Department
1	Dr. Abhigyan Ganguly	Associate Professor	ECE
2	Dr. Dipankar Das	Professor	BSH
3	Dr. Mallika De	Professor	CSE
4	Dr. Sayantan Chakraborty	Associate Professor	EE
5	Dr. Prasun Dutta	Assistant Professor	AUE
6	Dr. Sushovan Sarkar	Professor	CE
7	Dr. Probhas Bose	Professor	ME

Admission Report

Programme Name	Programme Code	No. of seats sanctioned	No. of Students Admitted
B.Tech. Computer Science and Engineering	CSE(001)	60	60
B.Tech. Electronics & Communication Engineering	ECE(003)	120	101
B.Tech. Electrical Engineering	EE(016)	60	53
B.Tech. Civil Engineering	CE(013)	60	45
B.Tech. Mechanical Engineering	ME(007)	120	80
B.Tech. Automobile Engineering	AUE(032)	60	45
B.Tech. Computer Science and Engineering (Lateral Entry)	CSE (Lateral Entry) 001	6	12
B.Tech. Electronics & Communication Engineering (Lateral Entry)	ECE (Lateral Entry) 003	12	19
B.Tech. Electrical Engineering (Lateral Entry)	EE (Lateral Entry) 016	6	6
B.Tech. Civil Engineering (Lateral Entry)	CE (Lateral Entry) 013	6	12
B.Tech. Mechanical Engineering (Lateral Entry)	ME (Lateral Entry) 007	12	2
B.Tech. Automobile Engineering (Lateral Entry)	AUE (Lateral Entry) 032	6	2
M.Tech. Mechanical Engineering	M.Tech. ME(124)	18	10
M.Tech. Communication Engineering	M.Tech. ECE(705)	9	9

Scholarship

SCHOLARSHIP SCHEME 2019-20 (Provided by the Institute)

Alumni Scholarship for M.Tech. Students

- Scholarship of @20% on tuition fee (Rs.2,00,000 for 2 years, total course fee is Rs.2,22,600 for 2019 -20) i.e Rs.10,000/ per semester is applicable only to the students who have completed their B.Tech. Course (General or Lateral Entry) from any of the following institutions:
JISCE
NIT
GNIT
AEC
GKCEM
- Students having qualified scores in GATE are eligible for availing **PG Scholarship** provides by the AICTE.

Alumni Scholarship for B.Tech. Lateral Entry Students

- Scholarship of Rs.60,000/- @ Rs.10,000/- per semester (on Tuition fee is Rs.2,52,000, total course fee is 2,92,650 for 2019-20) is applicable only to the students who have completed their three year Diploma course from any of the following institutions:
JISSP
JISCE
NIT
GNIT AEC
GKCEM (JV)

Scholarship for Tripura State Residentials B.Tech. Lateral Entry Student

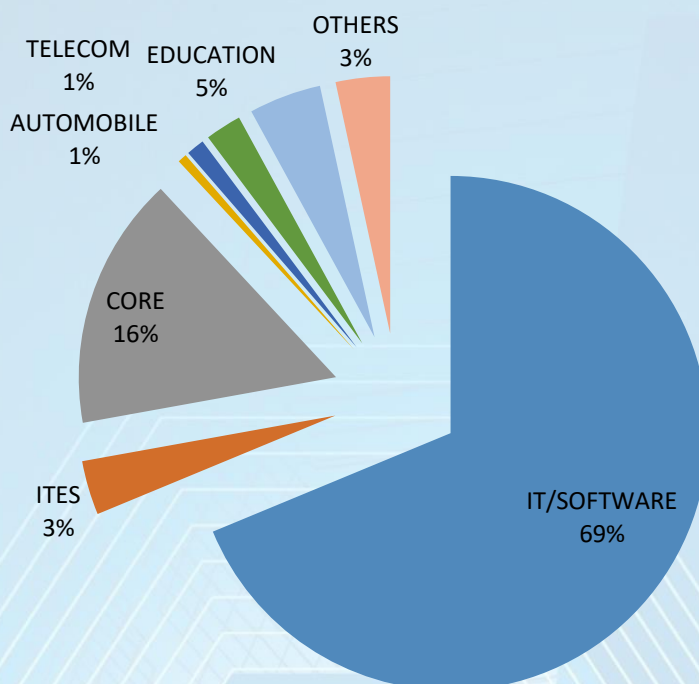
Students of Tripura residentials are eligible for availing Scholarship total of Rs 40000/- (on Tuition fee of Rs. 252000, total course fee Rs. 292650/- for 2018-19)

Other Scholarship Schemes

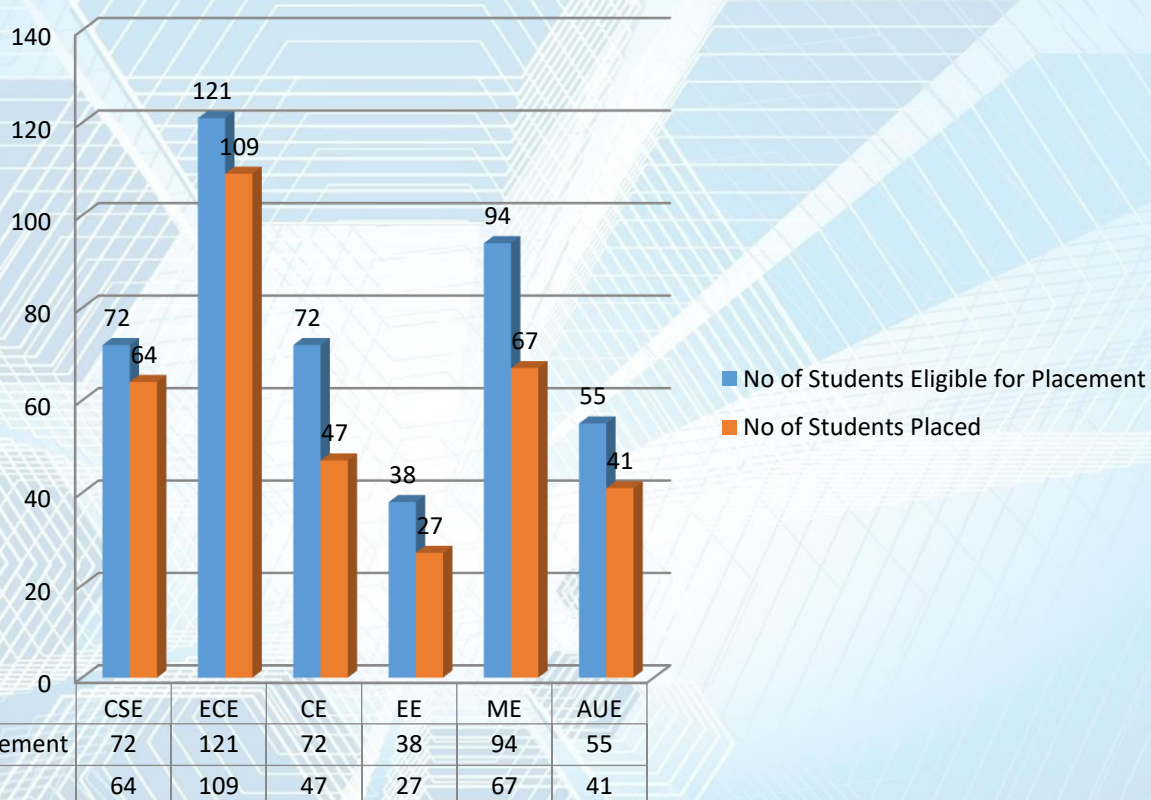
- Students belonging to **Sikh Minority** are eligible for availing special scholarship.
- Students are eligible to get **Half/Full freeship** (on Tuition Fee) having valid financial issues.
- Girls students**, those who secured higher marks are eligible to get **Merit Scholarship**
- Students having higher marks, admitted in **Core branches** like ECE, EE, CE, ME, AUE are entitled to get scholarship.
- Students having TFW Rank in WBJEE and get allotted through Counselling are entitled to get **Tuition Fee Waiver** i.e. entire Tuition fees are waived off from the total requisite fees

Training & Placement

RECRUITERS Sector Wise Placement 2020



Placement status 2020



Training & Placement

Details of placement of outgoing students during AY 2019-20

Sl . N o.	Name of student placed	Stream	Year of graduation	Name of the employer	Pay package at appointment (in Lakhs)
1	Aakash Kumar	AUE(B TECH)	2020	Harley Devidson	2.88
2	Aayush Kumar Anshul	AUE(B TECH)	2020	Rivigo	3
3	Abhirupchatterjee	AUE(B TECH)	2020	Madhus Garage	2.8
4	Agnik Chowdhuri	AUE(B TECH)	2020	Chegg India	4.5
5	Amit Mondal	AUE(B TECH)	2020	Bajaj Auto Pvt. Ltd.	1.38
6	Ananya Chatterjee	AUE(B TECH)	2020	Chegg India	4.5
7	Aniket Chakraborty	AUE(B TECH)	2020	Rotodyne	2.5
8	Anirban Chatterjee	AUE(B TECH)	2020	Amazon	1.96
9	Anirbansen Sharma	AUE(B TECH)	2020	Amazon	1.96
10	Ankit Jain	AUE(B TECH)	2020	Madhus Garage	2.8
11	Arghajit Majumder	AUE(B TECH)	2020	Rotodyne	2.5
12	Arjun Dutta	AUE(B TECH)	2020	Amazon	1.96
13	Arkadeep Chakraborty	AUE(B TECH)	2020	TCS	3.37
14	Arnab Rakshit	AUE(B TECH)	2020	Bajaj Auto Pvt. Ltd.	1.38
15	Asijit Ghosh	AUE(B TECH)	2020	Chegg India	4.5
16	Asok Kumar Maiti	AUE(B TECH)	2020	Bajaj Auto Pvt. Ltd.	1.38
17	Avishek Choudhury	AUE(B TECH)	2020	Tata Aig	2.4
18	Arpan Chatterjee	AUE(B TECH)	2020	JSG	1.2
19	Banty Das	AUE(B TECH)	2020	RAJSRIYA AUTOMOTIVE	2.5
20	Bhaskar Paul	AUE(B TECH)	2020	Rotodyne	2.5
21	Bikram Banerjee	AUE(B TECH)	2020	Rivigo	3
22	Bishal Bhushan Ghosh	AUE(B TECH)	2020	RAJSRIYA AUTOMOTIVE	2.5
23	Biswarup Dutta	AUE(B TECH)	2020	Amazon	1.96
24	Davidroy Choudhury	AUE(B TECH)	2020	Bajaj Auto Pvt. Ltd.	1.38
25	Debanjan Datta	AUE(B TECH)	2020	Ayant Software	1.5
26	Debarshi Ghosh Dastidar	AUE(B TECH)	2020	Tata Aig	2.4
27	Debjit Pal	AUE(B	2020	TCS	3.37

Training & Placement

28	Debjyoti Jha	AUE(B TECH)	2020	RAJSRIYA AUTOMOTIVE	2.5
29	Debojyoti Kundu	AUE(B TECH)	2020	Amazon	1.96
30	Dhritabrata Chakraborty	AUE(B TECH)	2020	Bengal Speed Automobiles Pvt Ltd	2.88
31	Gouranga Mondal	AUE(B TECH)	2020	Amazon	1.96
32	Joydeep Ray	AUE(B TECH)	2020	Madhus Garage	2.8
33	Sagnik Saha	AUE(B TECH)	2020	RAJSRIYA AUTOMOTIVE	2.5
34	Md Majharul Haque	AUE(B TECH)	2020	Ayant Software	1.5
35	Md Sabiur Rahaman	AUE(B TECH)	2020	Bajaj Auto Pvt. Ltd.	1.38
36	Raj Das	AUE(B TECH)	2020	Ayant Software	1.5
37	Ritam Roy	AUE(B TECH)	2020	Chegg India	4.5
38	Sayan Roy	AUE(B TECH)	2020	Bajaj Auto Pvt. Ltd.	1.38
39	Soham Chongdar	AUE(B TECH)	2020	Madhus Garage	2.8
40	Souvik Nath	AUE(B TECH)	2020	Rivigo	3
41	Zidan Das	AUE(B TECH)	2020	JSG	1.2
42	Abhijit Saha	CE(BTE CH)	2020	KEC International	3.35
43	Abhinav Singh	CE(BTE CH)	2020	RAJSRIYA AUTOMOTIVE	2.5
44	Ananya Ghosh	CE(BTE CH)	2020	Amazon	1.96
45	Aniket Mandal	CE(BTE CH)	2020	RAJSRIYA AUTOMOTIVE	2.5
46	Aninda Pal	CE(BTE CH)	2020	M/s BPC India Private Limited.	2.04
47	Anirban Chowdhury	CE(BTE CH)	2020	Amazon	1.96
48	Ankan Mitra	CE(BTE CH)	2020	Glass Fecade	1.96
49	Avishek Pandit	CE(BTE CH)	2020	Vansh Construction	1.8
50	Baishakhi Saha	CE(BTE CH)	2020	ACC	2.4
51	Bipasa Roy	CE(BTE CH)	2020	Rotodyne	2.5
52	Bishal Das	CE(BTE CH)	2020	ACC	2.4
53	Chiranjeb Bhattacharya	CE(BTE CH)	2020	AB Polypacks	3
54	Debaprasad Sinha	CE(BTE CH)	2020	Glass Fecade	1.96
55	Debapurba Goswami	CE(BTE CH)	2020	Tanvi Construction & Co	2.4
56	Debarsi Halder	CE(BTE CH)	2020	M/s BPC India Private Limited.	2.04

Training & Placement

57	Debatap Mazumdar	CE(BTE CH)	2020	KEC International	3.35
58	Debjyoti Kar	CE(BTE CH)	2020	Vansh Construction	1.8
59	Debojyoti Chanda	CE(BTE CH)	2020	M/s BPC India Private Limited.	2.04
60	Diksha Sarkar	CE(BTE CH)	2020	Just Dial	2.59
61	Gouri Sankar Jana	CE(BTE CH)	2020	Pinnacle Infotech	2.16
62	Mainak Bhattacharya	CE(BTE CH)	2020	Rotodyne	2.5
63	Md Faizan Nasim	CE(BTE CH)	2020	Glass Fecade	1.96
64	Moulima Biswas	CE(BTE CH)	2020	M/s BPC India Private Limited.	2.04
65	Nabanita Biswas	CE(BTE CH)	2020	Verzeo	2.85
66	Nandini Das	CE(BTE CH)	2020	Tanvi Construction & Co	2.4
67	Nidhi Singh	CE(BTE CH)	2020	Amazon	1.96
68	Pamela Mondal	CE(BTE CH)	2020	Ayant Software	1.5
69	Pinki Dutta	CE(BTE CH)	2020	Verzeo	2.85
70	Piu Das	CE(BTE CH)	2020	Byjus	5
71	Poulami Das	CE(BTE CH)	2020	Ayant Software	1.5
72	Pratik Choudhury	CE(BTE CH)	2020	Vansh Construction	1.8
73	Prati Ppal	CE(BTE CH)	2020	Vansh Construction	1.8
74	Preeti Prasad	CE(BTE CH)	2020	Just Dial	2.59
75	Pritam Nath	CE(BTE CH)	2020	Tanvi Construction & Co	2.4
76	Purbayan Das	CE(BTE CH)	2020	RAJSRIYA AUTOMOTIVE	2.5
77	Raja Mondal	CE(BTE CH)	2020	Just Dial	2.59
78	Rajat Kumar Choudhary	CE(BTE CH)	2020	Pinnacle Infotech	2.16
79	Saikat Chowdhury	CE(BTE CH)	2020	AB Polypacks	3
80	Sandipan Chowdhury	CE(BTE CH)	2020	Pinnacle Infotech	2.16
81	Shaikh Alayakin	CE(BTE CH)	2020	KEC International	3.35
82	Sidharthpan Dey	CE(BTE CH)	2020	Pinnacle Infotech	2.16
83	Soubhik Samanta	CE(BTE CH)	2020	Rotodyne	2.5
84	Soumyadeep Kushari	CE(BTE CH)	2020	Pinnacle Infotech	2.16
85	Souradip Paul	CE(BTE CH)	2020	Rotodyne	2.5
86	Suman Jana	CE(BTE	2020	Rotodyne	2.5

Training & Placement

87	Tanoy Gupta	CE(BTE CH)	2020	M/s BPC India Private Limited.	2.04
88	Tomoghna Kundu	CE(BTE CH)	2020	TCS	3.37
89	Abhinandita Ghosh	CSE(BT ECH)	2020	Zensar	3.2
90	Abhranil Chatterjee	CSE(BT ECH)	2020	Mphasis	3.25
91	Akash Chatterjee	CSE(BT ECH)	2020	CTS	4.01
92	Akash Sinha	CSE(BT ECH)	2020	Vedantu	3.3
93	Amanhussain	CSE(BT ECH)	2020	CBNIT	2.4
94	Aniket Guha	CSE(BT ECH)	2020	Artech	4.68
95	Ankit Das	CSE(BT ECH)	2020	Deloitte	4.15
96	Ankit Paul	CSE(BT ECH)	2020	Byjus	5
97	Ankita Das	CSE(BT ECH)	2020	Hexaware	4
98	Antara Chowdhury	CSE(BT ECH)	2020	HCL Technology	2.6
99	Antara Mukherjee	CSE(BT ECH)	2020	Wipro Technology	3.5
100	Anutirtha Saha	CSE(BT ECH)	2020	Genpact	1.8
101	Archi Roy	CSE(BT ECH)	2020	Byjus	5
102	Argha Ghosh	CSE(BT ECH)	2020	Wipro Technology	3.5
103	Arijit Dutta	CSE(BT ECH)	2020	Wipro Technology	3.5
104	Aritra Kumar Saha	CSE(BT ECH)	2020	TCS	3.37
105	Aritra Pal	CSE(BT ECH)	2020	24*7 Software	1.86
106	Arjoita Das	CSE(BT ECH)	2020	Byjus	5
107	Atreyi Banerjee	CSE(BT ECH)	2020	Hexaware	4
108	Awanish Kumar Singh	CSE(BT ECH)	2020	Hexaware	4
109	Bipasha Pal	CSE(BT ECH)	2020	IBM	3.75
110	Chandan Kumar Roy	CSE(BT ECH)	2020	HCL Technology	2.6

Training & Placement

111	Debasish Santra	CSE(BT ECH)	2020	Embee Software	2.24
112	Dhriti Pyne	CSE(BT ECH)	2020	ITC Infotech	3.75
113	Diganta Roy	CSE(BT ECH)	2020	Amazon	1.75
114	Dipayan Ray	CSE(BT ECH)	2020	ITC Infotech	3.75
115	Enakshi Das	CSE(BT ECH)	2020	Vedantu	3.3
116	Harshdeep Singh	CSE(BT ECH)	2020	Mindtree	3.5
117	Jaysreegupta	CSE(BT ECH)	2020	CTS	4.01
118	Kausthav Dutta	CSE(BT ECH)	2020	Genpact	1.8
119	Khushal Raj Dev	CSE(BT ECH)	2020	24*7 Software	1.86
120	Khushi Das	CSE(BT ECH)	2020	Capgemini	3.8
121	Kingshuk Maitra	CSE(BT ECH)	2020	Genpact	1.8
122	Koustav Bose	CSE(BT ECH)	2020	Mantra Labs	3.75
123	Koustav Dutta	CSE(BT ECH)	2020	Mantra Labs	3.75
124	Krishnendu Mukherjee	CSE(BT ECH)	2020	HCL Technology	2.6
125	Madhushree Majumder	CSE(BT ECH)	2020	Byjus	5
126	Manwinder Singh	CSE(BT ECH)	2020	Infosys	3.6
127	Md Siddique	CSE(BT ECH)	2020	Ayant Software	1.5
128	Mouli Paul	CSE(BT ECH)	2020	Hexaware	4
129	Moumita Chakraborty	CSE(BT ECH)	2020	Planet Spark	1.96
130	Partha Sarathi	CSE(BT	2020	Planet Spark	1.96

Training & Placement

30	Roy	ECH)			
131	Piyush Singh	CSE(BT ECH)	2020	TCS	3.37
132	Pratyusa Roy	CSE(BT ECH)	2020	Genpact	1.8
133	Puja Banerjee	CSE(BT ECH)	2020	CTS	4.01
134	Pushkar Ghosh	CSE(BT ECH)	2020	Capgemini	3.8
135	Rajbeer Banerjee	CSE(BT ECH)	2020	CBNIT	2.4
136	Rajvinder Kaur	CSE(BT ECH)	2020	Zensar	3.2
137	Rijit Chakraborti	CSE(BT ECH)	2020	Capgemini	3.8
138	Rupal Dutta	CSE(BT ECH)	2020	Ayant Software	1.5
139	Saba Jannat	CSE(BT ECH)	2020	TCS	3.37
140	Sangramnandi	CSE(BT ECH)	2020	Mantra Labs	3.75
141	Sauvik Das	CSE(BT ECH)	2020	Mphasis	3.25
142	Sayan Bhattacharjee	CSE(BT ECH)	2020	Amazon	1.75
143	Sayantan Mishra	CSE(BT ECH)	2020	Mantra Labs	3.75
144	Shreya Chatterjee	CSE(BT ECH)	2020	Planet Spark	1.96
145	Shreya Manna	CSE(BT ECH)	2020	24*7 Software	1.86
146	Shubhajit Chakraborty	CSE(BT ECH)	2020	24*7 Software	1.86
147	Snehali Mitra	CSE(BT ECH)	2020	ITC Infotech	3.75
148	Sourav Ghosh	CSE(BT ECH)	2020	Sasken Technology	3.5
149	Souvik Bhattacharjee	CSE(BT ECH)	2020	CBNIT	2.4

Training & Placement

150	Sreelekha Chaudhuri	CSE(BT ECH)	2020	Planet Spark	1.96
151	Susmita Dutta	CSE(BT ECH)	2020	Wipro Technology	3.5
152	Vikas Kumar Dwivedi	CSE(BT ECH)	2020	Ayant Software	1.5
153	Aman Gupta	ECE(BT ECH)	2020	Capgemini	3.8
154	Amitrajeet Roy	ECE(BT ECH)	2020	HCL Technology	2.6
155	Anand Kumar Bhuia	ECE(BT ECH)	2020	TCS	3.37
156	Ananya Arya	ECE(BT ECH)	2020	CTS	4.01
157	Anchita Sarkar	ECE(BT ECH)	2020	TCS	3.37
158	Aninkan Ghatak	ECE(BT ECH)	2020	ARC Document Solutions Pvt. Ltd.	2.16
159	Aniruddha Das	ECE(BT ECH)	2020	CTS	4.01
160	Aniruddha Nandi	ECE(BT ECH)	2020	TCS	3.37
161	Ankit Jalan	ECE(BT ECH)	2020	Infosys	3.6
162	Ankita Das	ECE(BT ECH)	2020	Indusnet Technologies	4.1
163	Arnab Roy	ECE(BT ECH)	2020	CTS	4.01
164	Arpitadeb Adhikari	ECE(BT ECH)	2020	TCS	3.37
165	Arpita Pal	ECE(BT ECH)	2020	Mantra Labs	3.75
166	Arunangshu Mullick	ECE(BT ECH)	2020	Hexaware	4
167	Aryya Raj Barua	ECE(BT ECH)	2020	Mantra Labs	3.75
168	Ashish Pandey	ECE(BT ECH)	2020	HCL Technology	2.6
169	Ashok Kumar Yadav	ECE(BT ECH)	2020	Vedantu	3.3

Training & Placement

170	Avijit Gayen	ECE(BT ECH)	2020	Capgemini	3.8
171	Avinash Chanda	ECE(BT ECH)	2020	Capgemini	3.8
172	Ayandey	ECE(BT ECH)	2020	CTS	4.01
173	Ayantika Chakraborty	ECE(BT ECH)	2020	Wipro Technology	3.5
174	Ayantika Dhali	ECE(BT ECH)	2020	CBNIT	2.4
175	Biplobsen Gupta	ECE(BT ECH)	2020	Greenwave Solution	3.52
176	Debadrito Ray	ECE(BT ECH)	2020	Innolabz	3.6
177	Debajyoti Sharma	ECE(BT ECH)	2020	Mantra Labs	3.75
178	Deboleena Sen	ECE(BT ECH)	2020	IBS Software	3.36
179	Devanjan Chatterjee	ECE(BT ECH)	2020	Capgemini	3.8
180	Dibyajyoti Banerjee	ECE(BT ECH)	2020	CTS	4.01
181	Dipsha Ghosh	ECE(BT ECH)	2020	CTS	4.01
182	Diptendu Kumar Mondal	ECE(BT ECH)	2020	Artech	4.68
183	Eleenaahmed	ECE(BT ECH)	2020	Amazon	1.96
184	Indraninatta	ECE(BT ECH)	2020	ARC Document Solutions Pvt. Ltd.	2.16
185	Ishan Mukhopadhyay	ECE(BT ECH)	2020	TCS	3.37
186	Joybrata Dasgupta	ECE(BT ECH)	2020	Amazon	1.96
187	Jyoti Kumari	ECE(BT ECH)	2020	HCL Technology	2.6
188	Jyotirmoy Hazra	ECE(BT ECH)	2020	ARC Document Solutions Pvt. Ltd.	2.16
189	Kamalima Chaudhury	ECE(BT ECH)	2020	Indusnet Technologies	4.1

Training & Placement

190	Kazi Bakibillaho	ECE(BT ECH)	2020	CTS	4.01
191	Komal Shaw	ECE(BT ECH)	2020	Innolabz	3.6
192	Krishnanga Chowdhury	ECE(BT ECH)	2020	Artech	4.68
193	Kushal Das	ECE(BT ECH)	2020	Wipro Technology	3.5
194	Kushal Rudra	ECE(BT ECH)	2020	TCS	3.37
195	Madhuprova Pal	ECE(BT ECH)	2020	Artech	4.68
196	Madhushree Banerjee	ECE(BT ECH)	2020	Innolabz	3.6
197	Manoj Bishai	ECE(BT ECH)	2020	CBNIT	2.4
198	Meghna Datta	ECE(BT ECH)	2020	Vedantu	3.3
199	Mrinal Ghosh	ECE(BT ECH)	2020	Vedantu	3.3
200	Nethra B Gutti	ECE(BT ECH)	2020	Planet Spark	1.96
201	Nikita Roy Sarkar	ECE(BT ECH)	2020	ARC Document Solutions Pvt. Ltd.	2.16
202	Nilantar Kundu	ECE(BT ECH)	2020	Planet Spark	1.96
203	Nivedita Ghosh	ECE(BT ECH)	2020	Vedantu	3.3
204	Partha Roy	ECE(BT ECH)	2020	TCS	3.37
205	Paulamisaha	ECE(BT ECH)	2020	Vedantu	3.3
206	Prabal Ghorai	ECE(BT ECH)	2020	TCS	3.37
207	Praveen Kumar Singh	ECE(BT ECH)	2020	Planet Spark	1.96
208	Priya Dubey	ECE(BT ECH)	2020	Capgemini	3.8
209	Priyam Singha	ECE(BT ECH)	2020	Vedantu	3.3

Training & Placement

210	Pushpal Bhoumik	ECE(BT ECH)	2020	Planet Spark	1.96
211	Rahul Gupta	ECE(BT ECH)	2020	Wipro Technology	3.5
212	Rahul Singh	ECE(BT ECH)	2020	Innolabz	3.6
213	Rajkamal Saharan	ECE(BT ECH)	2020	TCS	3.37
214	Rajesh Barman	ECE(BT ECH)	2020	ARC Document Solutions Pvt. Ltd.	2.16
215	Rajeshwar Saha	ECE(BT ECH)	2020	Wipro Technology	3.5
216	Rakhi Sen	ECE(BT ECH)	2020	Embee Software	2.24
217	Ranit Dey	ECE(BT ECH)	2020	Indusnet Technologies	4.1
218	Ranjan Kumar Ray	ECE(BT ECH)	2020	Wipro Technology	3.5
219	Reshmi Saha	ECE(BT ECH)	2020	ARC Document Solutions Pvt. Ltd.	2.16
220	Rittik Pal	ECE(BT ECH)	2020	Wipro Technology	3.5
221	Ritu Kumari	ECE(BT ECH)	2020	Amazon	1.96
222	Ritwik Nandy	ECE(BT ECH)	2020	Wipro Technology	3.5
223	Ritwika Chatterjee	ECE(BT ECH)	2020	Wipro Technology	3.5
224	Rohan Roy	ECE(BT ECH)	2020	Amdocs	4
225	Rohan Sarkar	ECE(BT ECH)	2020	Capgemini	3.8
226	Rupama Saha	ECE(BT ECH)	2020	ARC Document Solutions Pvt. Ltd.	2.16
227	Ruplekha Chatterjee	ECE(BT ECH)	2020	TCS	3.37
228	Sabujayan Mondal	ECE(BT ECH)	2020	Greenwave Solution	3.52
229	Sahana Mukherjee	ECE(BT ECH)	2020	Mphasis	3.25

Training & Placement

230	Sahil Sardar	ECE(BT ECH)	2020	Wipro Technology	3.5
231	Saikat Jana	ECE(BT ECH)	2020	Embee Software	2.24
232	Samagya Shaw	ECE(BT ECH)	2020	Capgemini	3.8
233	Sangeeta Roy	ECE(BT ECH)	2020	Greenwave Solution	3.52
234	Sanjali Singh	ECE(BT ECH)	2020	Capgemini	3.8
235	Santosh Prasad Yadav	ECE(BT ECH)	2020	Greenwave Solution	1.8
236	Sauravi Tapadar	ECE(BT ECH)	2020	Wipro Technology	3.5
237	Sayan Jana	ECE(BT ECH)	2020	Vedantu	3.3
238	Shani Kumar	ECE(BT ECH)	2020	Wipro Technology	3.5
239	Shankhadeep Ghosh	ECE(BT ECH)	2020	Wipro Technology	3.5
240	Shrabani Basu	ECE(BT ECH)	2020	Capgemini	3.8
241	Shreya Das	ECE(BT ECH)	2020	Amazon	1.96
242	Shreyashi Mallick	ECE(BT ECH)	2020	Embee Software	2.24
243	Soubhagya Banerjee	ECE(BT ECH)	2020	Wipro Technology	3.5
244	Soumarya Chaira	ECE(BT ECH)	2020	ARC Document Solutions Pvt. Ltd.	2.16
245	Soumen Koley	ECE(BT ECH)	2020	Wipro Technology	3.5
246	Sourajit Bhar	ECE(BT ECH)	2020	Capgemini	3.8
247	Sreya Malakar	ECE(BT ECH)	2020	TCS	3.37
248	Subham Barman	ECE(BT ECH)	2020	TCS	3.37
249	Sunidhi Kumari	ECE(BT ECH)	2020	Artech	4.68

Training & Placement

250	Sunny Kumar Jha	ECE(BT ECH)	2020	Innolabz	3.6
251	Susmita Pal	ECE(BT ECH)	2020	Capgemini	3.8
252	Swarnava Saha	ECE(BT ECH)	2020	TCS	3.37
253	Ankan Ghorai	ECE(M TECH)	2020	Mantra Labs	3.75
254	Arindom Sen	ECE(M TECH)	2020	Narula Institute of Technology	2.63
255	Piyali Das	ECE(M TECH)	2020	Jis College of Engineering	2.63
256	Rishika Mondal	ECE(M TECH)	2020	EWAC	3.2
257	Soumik Maity	ECE(M TECH)	2020	Schneider Electric	3.75
258	Sourav Sen	ECE(M TECH)	2020	EWAC	3.2
259	Subham Pathak	ECE(M TECH)	2020	Schneider Electric	3.75
260	Subrata Saha	ECE(M TECH)	2020	Gurunanak Institute of Technology	2.63
261	Suchismita Malakar	ECE(M TECH)	2020	Mantra Labs	3.75
262	Avijit Halder	EE(BTE CH)	2020	Merti Recharch	1.62
263	Ayan Banerjee	EE(BTE CH)	2020	Ayant Software	1.5
264	Chandan Karmakar	EE(BTE CH)	2020	Net 2 Scourse	3
265	Debasish Maity	EE(BTE CH)	2020	TCS	3.37
266	Gourav Pramanick	EE(BTE CH)	2020	Just Dial	2.59
267	Ishita Samajpati	EE(BTE CH)	2020	Amazon	1.96
268	Izaz Ahamed	EE(BTE CH)	2020	Manpower Group Service India Pvt. Ltd.	1.44
269	Jayeeta Chakraborty	EE(BTE CH)	2020	Net 2 Scourse	3

Training & Placement

270	Kinkar Mondal	EE(BTE CH)	2020	Vedantu	3.3
271	Meghna Shaw	EE(BTE CH)	2020	Planet Spark	1.96
272	Pabitra Patra	EE(BTE CH)	2020	ANG INDIA	2.16
273	Princekumar Singh	EE(BTE CH)	2020	Planet Spark	1.96
274	Priyanka Dey	EE(BTE CH)	2020	Capgemini	3.8
275	Sagnik Dutta	EE(BTE CH)	2020	Amazon	1.96
276	Snigdha Roy	EE(BTE CH)	2020	Planet Spark	1.96
277	Soudip Sarkar	EE(BTE CH)	2020	Pinnacle Infotech	2.16
278	Soumya Mandal	EE(BTE CH)	2020	Amazon	1.96
279	Souvik Dutta	EE(BTE CH)	2020	Manpower Group Service India Pvt. Ltd.	1.44
280	Sudip Das	EE(BTE CH)	2020	Vedantu	3.3
281	Sumit Mishra	EE(BTE CH)	2020	ITC Infotech	3.75
282	Surajkumar Mondal	EE(BTE CH)	2020	Amazon	1.96
283	Sushant Kumar Dubey	EE(BTE CH)	2020	Pinnacle Infotech	2.16
284	Suswagata Satpathy	EE(BTE CH)	2020	Manpower Group Service India Pvt. Ltd.	1.44
285	Suvajit Maity	EE(BTE CH)	2020	Merti Recharch	1.62
286	Tanushree Sarkar	EE(BTE CH)	2020	Amazon	1.96
287	Thanshu Kumarray Choudhury	EE(BTE CH)	2020	Byjus	5
288	Udita Dey	EE(BTE CH)	2020	Byjus	5
289	Abhijit Das	ME(BT ECH)	2020	Rotodyne	2.5

Training & Placement

290	Abhinaba Ghosh	ME(BT ECH)	2020	Rotodyne	2.5
291	Abhrodeep Dey	ME(BT ECH)	2020	Pinnacle Infotech	2.16
292	Abir Banerjee	ME(BT ECH)	2020	ARC Document Solutions Pvt. Ltd.	2.16
293	Aditya Sarkar	ME(BT ECH)	2020	Rotodyne	2.5
294	Amartya Das	ME(BT ECH)	2020	KEC International	3.35
295	Anik Roy	ME(BT ECH)	2020	TCS	3.37
296	Anindya Saha	ME(BT ECH)	2020	QH Talbros	2.16
297	Ankur Bhattacharya	ME(BT ECH)	2020	Pinnacle Infotech	2.16
298	Apurba Das	ME(BT ECH)	2020	RAJSRIYA AUTOMOTIVE	2.5
299	Aquib Khan	ME(BT ECH)	2020	Just Dial	2.59
300	Argha Chanda	ME(BT ECH)	2020	Chegg India	4.5
301	Arghya Gayen	ME(BT ECH)	2020	Just Dial	2.59
302	Arindam Chowdhury	ME(BT ECH)	2020	QH Talbros	2.16
303	Arkappa Bhabhattacharjee	ME(BT ECH)	2020	Rotodyne	2.5
304	Aurodipta Barman	ME(BT ECH)	2020	QH Talbros	2.16
305	Ayush Anand	ME(BT ECH)	2020	Rotodyne	2.5
306	Barish Ghosh	ME(BT ECH)	2020	Artech	4.68
307	Besetti Ravi Kumar	ME(BT ECH)	2020	RAJSRIYA AUTOMOTIVE	2.5
308	Birajsarkar	ME(BT ECH)	2020	Techno Trade	1.44
309	Bittaprabha Mukherjee	ME(BT ECH)	2020	Artech	4.68

Training & Placement

310	Debraj Chowdhury	ME(BT ECH)	2020	Rotodyne	2.5
311	Dipak Samaddar	ME(BT ECH)	2020	TCS	3.37
312	Dipayan Singha	ME(BT ECH)	2020	RAJSRIYA AUTOMOTIVE	2.5
313	Dipraja Sarkar	ME(BT ECH)	2020	Just Dial	2.59
314	Diptanu Das	ME(BT ECH)	2020	Pinnacle Infotech	2.16
315	Falguni Mondal	ME(BT ECH)	2020	Chegg India	4.5
316	Koustav Mondal	ME(BT ECH)	2020	Just Dial	2.59
317	Kushal Biswas	ME(BT ECH)	2020	Amazon	1.96
318	Md Sajir Hossain	ME(BT ECH)	2020	Chegg India	4.5
319	Mir Golam Yousuf	ME(BT ECH)	2020	Just Dial	2.59
320	Mritunjoy Sharma	ME(BT ECH)	2020	Amazon	1.96
321	Prithissen Gupta	ME(BT ECH)	2020	RAJSRIYA AUTOMOTIVE	2.5
322	Purnendu Roy	ME(BT ECH)	2020	Pinnacle Infotech	2.16
323	Rahul Kumar Sharma	ME(BT ECH)	2020	Pinnacle Infotech	2.16
324	Saion Sinha	ME(BT ECH)	2020	ARC Document Solutions Pvt. Ltd.	2.16
325	Sanjay Chakraborty	ME(BT ECH)	2020	Rotodyne	2.5
326	Sanjay Kumar	ME(BT ECH)	2020	Rotodyne	2.5
327	Sayantana Mandal	ME(BT ECH)	2020	Ayant Software	1.5
328	Shivam Tiwari	ME(BT ECH)	2020	Artech	4.68
329	Shubhadip Mondal	ME(BT ECH)	2020	KEC International	3.35

Training & Placement

330	Sibasis Das	ME(BT ECH)	2020	Ayant Software	1.5
331	Sk Farjan Ali	ME(BT ECH)	2020	Chegg India	4.5
332	Soumen Pradhan	ME(BT ECH)	2020	RAJSRIYA AUTOMOTIVE	2.5
333	Souvik Jana	ME(BT ECH)	2020	QH Talbros	2.16
334	Subhadip Ghosh	ME(BT ECH)	2020	QH Talbros	2.16
335	Subhamay Biswas	ME(BT ECH)	2020	QH Talbros	2.16
336	Subhendu Das	ME(BT ECH)	2020	ARC Document Solutions Pvt. Ltd.	2.16
337	Sukanta Bera	ME(BT ECH)	2020	Rotodyne	2.5
338	Sutirtha Roy	ME(BT ECH)	2020	Just Dial	2.59
339	Suvojit Ghosh	ME(BT ECH)	2020	Amazon	1.96
340	Tamojit Dutta	ME(BT ECH)	2020	Ayant Software	1.5
341	Tausif Khan	ME(BT ECH)	2020	Techno Trade	1.44
342	Unnayan Das	ME(BT ECH)	2020	ARC Document Solutions Pvt. Ltd.	2.16
343	Waseem Raza	ME(BT ECH)	2020	KEC International	3.35
344	Yousuf Doud	ME(BT ECH)	2020	Artech	4.68
345	Dilip Kumar Singh	ME(MT ECH)	2020	Pinnacle Infotech	2.16
346	Indrajit Bhattacharyya	ME(MT ECH)	2020	Narula Institute of Technology	2.59
347	Kaushik Sen Gupta	ME(MT ECH)	2020	ARC Document Solutions Pvt. Ltd.	2.16
348	Kunal Bagchi	ME(MT ECH)	2020	Pinnacle Infotech	2.16
349	Prodip Kumar Das	ME(MT ECH)	2020	Narula Institute of Technology	2.63

Training & Placement

3 5 0	Satadip Nag	ME(MT ECH)	2020	Pinnacle Infotech	2.16
3 5 1	Sk Zisan Ali	ME(MT ECH)	2020	ARC Document Solutions Pvt. Ltd.	2.16
3 5 2	Soumyadeep Dey	ME(MT ECH)	2020	Rotodyne	2.5
3 5 3	Sourav Das	ME(MT ECH)	2020	Greater Kolkata College of Engineering & Management	2.63
3 5 4	Souvik Mallick	ME(MT ECH)	2020	Rotodyne	2.5
3 5 5	Subrata Ghosh	ME(MT ECH)	2020	Rotodyne	2.5

Training & Placement

Higher Study

Year	Name of student who enrolled for higher education	Program graduated from	Year of graduation	Name of institution joined	Name of program admitted to
2019-20	Debargha Ghosh Hazra	B.Tech in AUE	2020	GurukulaKangri, Haridwar	MBA in Marketing and Finance
	Mdibrahim	B.Tech in AUE	2020	Hindustan Institute of ScienceandTechnology	M.Techin Automobile Engineering
	Avishek Kr Saraogi	B.Tech in AUE	2020	Hindustan Institute of ScienceandTechnology	M.Techin Automobile Engineering
	Amit Bikram Ghosh	B.Tech in AUE	2020	AllianceUniversity, Bangalore	MBA in Human Resource
	Ersha Goswami	B.Tech in CE	2020	IIT Kharagpur	M.Sc in Ocean Engineering and Naval Architecture
	Md. Afzal Iqbal	B.Tech in CE	2020	NICMAR	MBA
	Saghnik Majumder	B.Tech in CE	2020	Narula Institute of Technology	M.Tech in Structural Engineering
	Arunagshu Pradhan	B.Tech in CE	2020	Narula Institute of Technology	M.Tech in Structural Engineering
	Partha Pratim Kundu	B.Tech in CE	2020	Bengal Institute of Business Studies	MBA
	Soham Banerjee	B.Tech in CE	2020	Narula Institute of Technology	M.Tech in Structural Engineering
	Aniruddha Khatua	B.Tech in CE	2020	Narula Institute of Technology	M.Tech in Structural Engineering
	Monika Biswas	B.Tech in CE	2020	Regional College of Management, Bangalore	MBA
	Rajasmitha Das	B.Tech in CE	2020	Regional College of Management, Bangalore	MBA
	Ritu Mitra	B.Tech in CE	2020	ICFAI University	MBA
	Yindrila Nath	B.Tech in CE	2020	JIS College of Engineering	MBA
	Soyeta Ghosh	B.Tech in CE	2020	JIS College of Engineering	MBA
	Suraj Kumar Khalani	B.Tech in CE	2020	Camelia School of Engineering and Technology	M.Tech in Civil Engineering
	Arnab Dutta	B.Tech in CSE	2020	SCMHRD, Pune	MBA
	Pallavi Deb	B.Tech in ECE	2020	Techno India	MBA
	Anwasha Manna	B.Tech in ECE	2020	Techno India	M.TECH
	Anurupa Manna	B.Tech in ECE	2020	HaIT	M.TECH
	Ankit Jalan	B.Tech in ECE	2020	Techno India	M.TECH
	Raunak Bag	B.Tech in ECE	2020	HIT	MBA
	Debadeep Sen 8282959422	B.Tech in EE	2020	National Institute of Technology Kurukshetra	M.Tech in CONTROL SYSTEM
	Sudipta Das 9433055714	B.Tech in EE	2020	NARULA INSTITUTE OF TECHNOLOGY	M.Tech in Power Systems

Training & Placement

List of Some Reputed Recruiters













Construct
Certainty, with
Technology






DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Library Resources 2019-20

Library Resources

Library Services

The Library is an information resource center providing books, magazines, periodicals, and newspapers. Computers offer Internet access to online databases of full text periodicals and electronic books. The Library offers study rooms, course reserve materials, and photocopy machines.

The Library has more than 41,956 books (according to Accession Register), 07 Newspaper and 07 Journals and Magazines are purchased by the Library on regular basis. Besides these, 02 carrier oriented journals and 01 carrier oriented newspapers are purchased regularly for students so that they make prepare themselves for different competitive examinations. The Library, besides having a huge collection of books on engineering, science and humanities offers library services through its various Divisions.

Capable of accommodating 90 students, the DSCSDEC Library have CD-ROMS, E-journal, E-Books, magazines, Newspaper, B.O.G. reports, subject dictionaries, career guide books, ready references and previous years' question papers (Online + offline). The library provides a free and congenial atmosphere for sharing awareness, wisdom and information.

The whole Library is under the surveillance of CCTV.

Area: Total Carpet area 7346 sq.ft.

Library Opening Hours

Other than the holidays and Sundays, library remains opens on Monday to Friday: 8:00 a.m. to 8:00 p.m.

Saturday: 8:00 a.m.to 4:00 p.m.

Library Resources (Printed Document)

Text Books: 30,222

Reference Books: 11,734

Hard copy Journal & Magazine: 07 (Magazine) & 02 (Journals), News paper: 8 (7 Daily and 1 weekly)

Previous year question papers are also available in printed form.

E-Resources

E-books: 212

E-Journal: 190

Database : More than 50,000+ Indexed Journals

CD/DVD: 55+

On-Line Text based Information for IEEE ASPP Online- Tier 3

190 no's of online E-journal are fully Downloadable.

Library Resources

National Digital Library of India (Govt. of India)

Repository hosts contents for multiple subject domains like Technology, Science, Humanities, Agriculture and Others Repository integrates contents from different Indian Institutional repositories. NDLI is designed to hold content of any language and provide interface support for 10 most widely used Indian languages. The books are available in Indian languages. As the books are being scanned, it has provided an opportunity for developing the Optical Character Recognition (OCR) software of Indian languages. The objective is to collect and collate the metadata and provide a full-text index from various digital libraries, both domestic and international, as well as from other relevant sources. It is a digital repository containing articles, textbooks, audio books, videos, lectures, fiction, simulations and all other kinds of learning media.

Wiley E-Books

Library has Wiley e-book subscription. Wiley E-Book is an IP-based service. Total No. of E-Books Title - 212.

E-Books with FTP Server

Remote Access of the available E-books and other E-Study Materials in our library has been made through a FTP Server.

CD-DVD Corner

The audio, video and other digital documents are preserved in the DSCSDEC central Library, mainly in CDs and DVDs. These are accessioned as NB (Non Book). More than 55 CDs, DVDs are available in our collection on different subjects under the domain of Engineering.

DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.dsec.ac.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Memorandum of Understanding (MoU) 2019-20

Memorandum of Understanding (MoU) 2019-20

Year	Partner/Institution	Date	Scope of Collaboration
2019-20	Ardent Computech Pvt Ltd	13.08.2019	The Trainer Program, Student Internship, Seminar/Webinar
	Abacus Digital Pvt. Ltd.	30.09.2019	Student Training, FDP, Placement Assistance, On-job Training
	AIT, Bangkok	16.03.2015	Collaborative Research Activities, Seminar/Webinar, Faculty FDP etc.
	LI-MAT SOFT SOLUTIONS PVT. LTD.	20.09.2019	The Trainer Program, Student Internship, Seminar/Webinar, Placement Assistance
	Harishchandrapur College, Malda	12.11.2019	Collaborative Research Activities, Seminar/Webinar, Faculty FDP etc.

Abacus Digital Pvt. Ltd.



পশ্চিমবঙ্গ পশ্চিম বঙ্গাল WEST BENGAL

15AA 136013

Memorandum of Understanding

Between

Department of Civil Engineering
Dr. Sudhir Chandra Sur Degree
Engineering College

And

Abacus Digital Pvt.Ltd. (Partner of Cadd
Centre & Ingeciber, Spain)

1 of 5

**Memorandum of Understanding (MoU) with the
Department of Civil Engineering and Abacus
Digital Pvt. Ltd. on 30/09/2019**

Ardent Computech Private Limited



अन्तिमदण पश्चिम बंगाल WEST BENGAL

15AA 412062

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

Dr. Sudhir Chandra Sur Degree Engineering College

AND

Ardent Computech Private Limited

This Memorandum of Understanding executed on this 13th Day of August 2019, between Ardent Computech Private Limited, having registered office at Module No -132, SDF Building, Sector V, Kolkata -91

AND

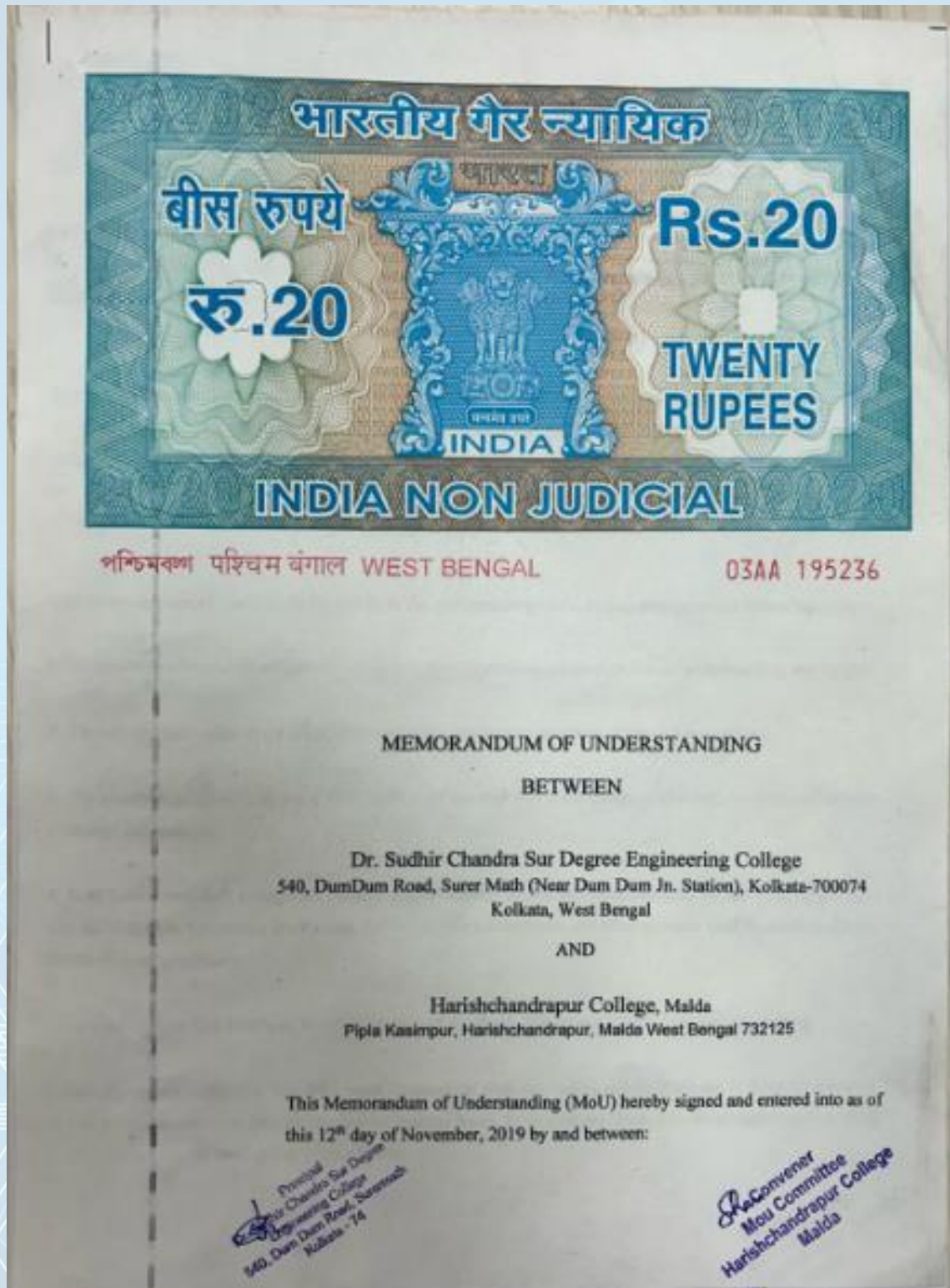
Dr. Sudhir Chandra Sur Degree Engineering College, situated at 540 Dum Dum Road, Surermath, (Near Dum Dum Jn. Station), Kolkata-700074 West Bengal.

Company Name: Ardent Computech Private Limited

1 of 4

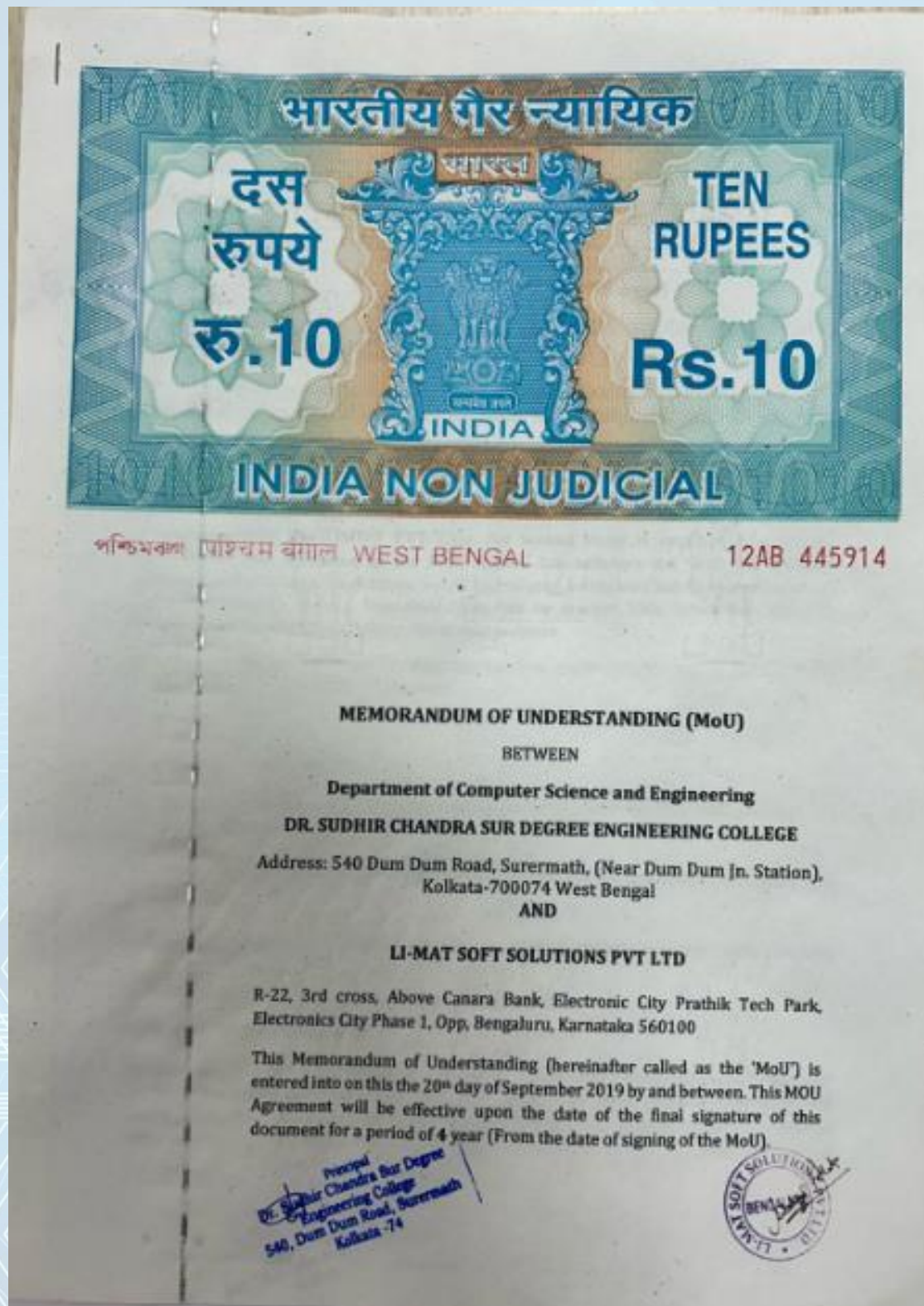
Memorandum of Understanding (MoU) with Dr. Sudhir Chandra Sur Degree Engineering College and Ardent Computech Private Limited on 13/08/2019

Harishchandrapur College



Memorandum of Understanding (MoU) with Dr. Sudhir Chandra Sur Degree Engineering College and Harishchandrapur College on 12/11/2019

LI-MAT SOFT SOLUTIONS PVT LTD



Memorandum of Understanding (MoU) with Dr. Sudhir Chandra Sur Degree Engineering College and LI-MAT SOFT SOLUTIONS PVT LTD on 20/09/2019

AIT Bangkok



MEMORANDUM OF UNDERSTANDING
Between
ASIAN INSTITUTE OF TECHNOLOGY, THAILAND
And
JIS GROUP, KOLKATA, INDIA



This Memorandum of Understanding (MoU) is drawn up and agreed upon to establish the cooperation between the Asian Institute of Technology (hereinafter referred to as **AIT**), located at Km. 42 Paholyothin Highway, Klong Neung, Klong Luang, Pathumthani, Thailand and the JIS Group, Kolkata, located at 7, Sarat Bose Rd, Kolkata, 700026.

The **Asian Institute of Technology (AIT)** is an international institute of higher learning. It is Asia's premier institution established in 1959 to help meet the region's growing needs for advanced learning in engineering, science, technology and management, research and capacity building. AIT's mission is to develop highly qualified and committed professionals who will play a leading role in the sustainable development of the region and its integration into the global economy. AIT is based in Thailand and has affiliated centers in other parts of the world.

The **JIS Group** is the largest educational conglomerate in eastern part of India. JIS Group started its educational initiatives since 2000. Currently JIS Group having 30 institutions including 7 engineering institutions, 2 dental colleges and 1 medical college. JIS Group educational initiatives mission is to advance and enhance the learning possibilities by fostering awareness, developing holistic knowledge acquisition through discovery, innovation, exposure and interaction to build effective human resource. The following engineering and pharmaceutical colleges are under the umbrella of JIS Group:

1. JIS College of Engineering
2. Narula Institute of Technology
3. Guru Nanak Institute of Technology
4. Guru Nanak Institute of Pharmaceutical Science and Technology
5. Dr. Sudhir Chandra Sur Degree Engineering College
6. Abacus Institute of Engineering and Management
7. Greater Kolkata College of Engineering and Management
8. Acansol Engineering College

ARTICLE I: PURPOSE

The purpose of this MoU is to enable cooperation between AIT and JIS Group in pursuit of common interests in teaching, training and research in Engineering, Technology and Management. Besides facilitating interactions between the institutions, the collaboration aims to foster advancement in teaching, training, research and cultural understanding as well as international reputation of both the institutions.

ARTICLE II: SCOPE

The activities under the scope of this MoU are:

- 2.1 Student Exchanges between JIS Group and AIT.
- 2.2 JIS Group Student short term training and workshop in AIT.
- 2.3 Faculty and staff development through short courses or post graduate academic program.
- 2.4 Collaborative training in the areas of mutual interest of JIS Group and AIT.
- 2.5 Submission of joint research proposals to appropriate funding agencies.
- 2.6 Sharing the expertise of invited visiting faculty of JIS Group and AIT.
- 2.7 Organize joint international conferences and workshops.
- 2.8 Special Scholarships for top meritorious students of JIS Group to pursue post graduation at AIT.

Memorandum of Understanding (MoU) with Dr. Sudhir Chandra Sur Degree Engineering College and AIT Bangkok on 16/03/2015

DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.dsec.ac.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

IT Resources 2019-20

IT Resources

Hardware

SERVER - 2

DESKTOP - 433

LAPTOP- 7

LCD Projector -17

Switches - 28

Firewall And Routers - 2 (FortiGate FG 300E & Cyberoam CR100ia Firewall), 1 (Extreme Network Switch),

Printers - 40

Scanners - 06

Photocopiers -1

Video Conferencing Systems-1

Wifi Devices = 30 Bio Metric Device = 2

CCTV Cameras - 106



IT Resources

Services

WiFi Bandwidth –

20-30 Mbps Average from campus Infrastructure from 50 Mbps **Railtel**, 25 Mbps **Alliance** Broadband Lease Line Connection.

1 Gbps CAT6 Intranet – connected Central Computing Facilities: yes **MHRD's QEEE Infrastructure :**

Microsoft Exchange mail server: managed by Hash Technologies

WiFi Facility throughout the campus: yes

Website hosting all Website Details: managed by Hash Technologies

Software

Licensed Software :-

Microsoft windows (7/8/10), Server (2008/2012/2016/2019)

Application Software	Department	Software
	ECE	MATLAB SOFTWARE, PERPETUAL ACADEMIC CONCURRENT NETWORK LICENSE FOR WINDOW/LINUX/MAC PLATFORMS, LATEST VERSION (2010), 5USER SOFTWARE INCLUDES-MATLAB, CONTROL SYSTEM TOOLBOX ,SIGNALPROCESSING TOOL BOX, DSP SYSTEMS TOOL BOX, COMMUNICATION SYSTEMS TOOL BOX Mentor Software- HDL Author Ultra PE VHDL Bundle S/W (consist of HDL Author Ap SW & Modelsim PE VHDL Ap SW), License- Perpetual, Version- Latest, 1 set of 5 user. P-SIM Latest Version Consists of P-SIM BASIC, DIGITAL CONTROL MODULE, MOTOR DRIVES MODULE, 5 USER NETWORK LICENSE, TERM PERPETUAL.
	CE	Civil- software - 20 user STAAD, Pro V8i & STTAD Foundation Advance MX Road etc with India Code of desin software Academic Perpetual

IT Resources

Applica- tion Soft- ware	Department	Software
	Library	Software(LIBMAN 5.3).
	AUE	Autocad 2005-win Student edu – single user License.
	CSE	Microsoft Campus Agreement. SQL SrvStd 2012 SNGL OLP NL Acdmc
	EE	Software-Embedded Lab with sensor Web & Internet of Things (i) IOT Trainer Kit = 2nos (ii) All in one General Purpose Board =2 nos (iii) IOT Gateway = = 1 no (iv) Bluetooth Module = 1 no (v) Router = 1 no (vi) Portable sensor kit = 1 no (vii) a set of Sensors- (Temperature, Humidity, Reed switch, Touch Key, Vibration, Moisture, Dust, Water, Soil, Moisture, Accelerometer, Gyro Meter, Magneto, Pressure, PIR Motion Sensor)= 1 set (viii)Base Board for Interfacing Sensors= 2 nos (Uses for EE Dept.) P-SIM Latest Version Consists of P-SIM BASIC, DIGITAL CONTROL MODULE, MOTOR DRIVES MODULE, 5 USER NETWORK LICENSE, TERM PERPETUAL. POWER WORLD SIMULATOR BASIC BUNDLE LATEST VERSION, 25 LICENSE PERPETUAL, NODE LOCKED SOFTWARE KEY BASED.
	ME	Pro/Engineer Software inclusive of all modules under University plus Lab Bundle Software for 50 User perpetual site license



DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE

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www.surtech.edu.in, Email: info@dsec.ac.in

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WBSCTVESD and Approved by AICTE

Department of Basic Science and Humanities

ANNUAL REPORT 2019-20

Department of Basic Science & Humanities

Vision of the department

To provide guidance to all aspiring technocrats through well-developed & innovative teaching learning methodology and to foster students towards R & D, entrepreneurship activities for their future prospectus with strong foundations in Mathematics, Chemistry, Physics and Communications skills.

Mission of the department

DM1: To emphasize the importance of Basic Science and develop a natural flair for Engineering & Technology

DM2: To promote academic excellence in fundamental Science & Humanities

DM3: To produce competent future technocrats through innovative teaching-learning methodologies

DM4: To create an environment where students' Idea, Creativities and R & D activities are encouraged.

DM5: To create an environment where students' Idea, Creativities and R & D activities are encouraged.

Department of Basic Science & Humanities

Program Outcomes

- * **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- * **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- * **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- * **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- * **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- * **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- * **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Department of Basic Science & Humanities

- * **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- * **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- * **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- * **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- * **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Department of Basic Science & Humanities

Brief Overview of the Department

The Department of Basic Sciences and Humanities has been a part of DSCSITSC right from the inception of the college in 2009.

It consists of the core branches of basic science- Physics, Chemistry, Mathematics, Biology along with subjects of Humanities domain.

These subjects lay the essential foundation for the various branches of engineering. The focus is to create an understanding of the basic principles of science and harness the knowledge of the students for designing, building and maintaining a product or process that solves a problem and fulfils a need (technology).

The Department has well-equipped laboratories of Physics, Chemistry and Language to promote overall development of the students by enhancing their practical skills along with incorporation of sound theoretical knowledge.

It also encourages students to take up challenging projects and internships at the National and International level in order to fine-tune their technical skills.

The department garners the importance of an up-to-date English Communication to increase proficiency in English Language to cope up with the cut throat competition in the job market.

We equip students to imbibe best humane and professional values.

The Basic Sciences and Humanities department have always taken the initiative as first year teachers in all the B. Tech streams to develop the moral characters of the concerned students.

The department of BS&H has rich curriculum and allied activities to provide a comprehensive education for B.Tech graduates. It prepares them to be technically well off, to be critical thinkers, productive citizens, and leaders in a wide range of careers; government as well as an array of managerial options in the private sector.

Department of Basic Science & Humanities

HOD Message

Dear colleagues and students,

Welcome you all to Basic Science & Humanities Department of Dr. Sudhir Chandra Sur Degree Engineering College.

The Basic Science & Humanities Department is the back bone of the entire engineering education system. It comprises Mathematics, Physics, Chemistry, Biology, English and Humanities. The faculty members have undertaken the methodology of classroom teaching based on application of innovative strategies, comprehensive lectures, regular assignments and active interaction between teachers and students. Hence, **the department plays a key role in assessing, evaluating and improving the multi-dimensional skills of the students to build them as the upcoming pillars of foundation of the nation.**

Our departmental laboratories supported by modern equipment to help the students to attain practical knowledge, accurate application and perfection over the presentation skills.

The department is supported by highly qualified faculty with good teaching experience, who put consistent effort to meet the expectations of the students. They are easily accessible and approachable so that students feel free to come for counseling, guidance or for clarifications. **They also play a vital role in imparting placement training in quantitative aptitude, verbal ability and soft skills to pre – final year students.**

A quotation for all my students

“An investment in knowledge pays the best interest” - Benjamin Franklin

Wishing you all a successful and rewarding academic year!

Dr. Dipankar Das

**HOD, Department of Basic Science & Humanities
Dr. Sudhir Chandra Sur Degree Engineering College**

Department of Basic Science & Humanities

BASIC SCIENCE & HUMANITIES DEPARTMENTAL NEWS AT A GLANCE

- Dr. Biswajit Gayen published a Journal “Advances in Smart Nanomaterials: Environmental Perspective”
- Dr Biswajit Gayen completed a course on NPTEL on Pericyclic reaction and organic photochemistry
- Dr Biswajit Gayen made a video demonstration on Making of alcohol based hand sanitizer at home
- Mr. Vivek Shaw attended a FDP on Examination reforms conducted by AICTE
- Dr Bipasha Bhowmick attended a session on Entrepreneurship organized by IIC, MHRD
- Dr Dipankar Das Participated an International Conference (virtual) on “Innovation Quality Enrichment and Excellence in Education” held on 22nd to 23rd December, 2020, organized by Institution’s Innovation Council, JIS University, Kolkata, West Bengal.
- Dr Dipankar Das Participated National Seminar on “Contemporary Research in Chemical Sciences” held on 2nd March, 2020 and presented a paper in poster session organized by Department of Chemistry, Uluberia College in collaboration with Department of Chemistry, Jadavpur University, West Bengal.
Abstract Title: Structure, Hirshfeld surface Analysis, DFT study, Antibacterial activity, DNA Binding Study of sulfisoxazole-azo-7-hydroxycoumarin.
- Dr Dipankar Das Participated with invited talk in the 9th International Science Conference, World Science Congress in association with Department of Chemistry, Jadavpur University, Kolkata held on 28th February to 1st March, 2020. Abstract Title: Structure, Hirshfeld surface Analysis, DFT study, Antibacterial activity, DNA Binding Study of sulfamethoxazole-azp-3-chloro phenol.
- Dr Dipankar Das Completed 5-day online FDP on “DEEKSHARAMBH (Student Induction Program)” organized by NIT Patna during 10-14 August 2020.
- Dr Dipankar Das Completed 3-days “Faculty Development Program for Student Induction (FDP-SI)” during 18 - 20 July, 2019 at Sister Nivedita University, Kolkata organized by All India Council for Technical Education (AICTE)

Department of Basic Science & Humanities

BASIC SCIENCE & HUMANITIES DEPARTMENTAL NEWS AT A GLANCE

- Department of Basic Science & Humanities has successfully conducted the Induction Program, 2019 for newly admitted 1st year students.
- Department of Basic Science and Humanities conducted Webinar on Weak Forces: Backbone of Biological System, 30th April 2020
- Department of Basic Science and Humanities conducted Webinar on Cyber Awareness & Digital Security, 29th April 2020
- Department of Basic Science and Humanities conducted Webinar on Nanomaterials : Prospects and Applications for Green Energy Harvesting, 27th April 2020
- Department of Basic Science and Humanities conducted Webinar on Behind the scenes of chemicals used in daily life, 23rd April 2020
- Department of Basic Science and Humanities conducted a digital parents Teacher Meet on 11th April 2020, from 11am -1pm
- Department of Basic Science & Humanities of Dr. Sudhir Chandra Sur Degree Engineering College in collaboration with Art of Living has organized a 3 days COVID Care Program on 3 different activities related to "immunity boost & prevention of covid", "home isolation care" & " post covid rehabilitation"
- Department of Basic Science & Humanities has organized a virtual cultural programme to celebrate Poila Boisakh
- Department of Basic Science & Humanities has organized a virtual cultural programme to celebrate Rabindra Jayanti
- Department of Basic Science & Humanities organized a quiz competition on Environmental Awareness, Science and recent technology.

Department of Basic Science & Humanities

BASIC SCIENCE AND HUMANITIES Departmental achievements

- Students have successfully taken part in poster-making, art and craft, painting along with individual as well as and publish all in social platform for pandemic awareness . Even the faculties have also participated in several activities like composing video clippings developing concerns regarding environmental awareness.
- More than 20 students achieved certificate from NPTEL courses.

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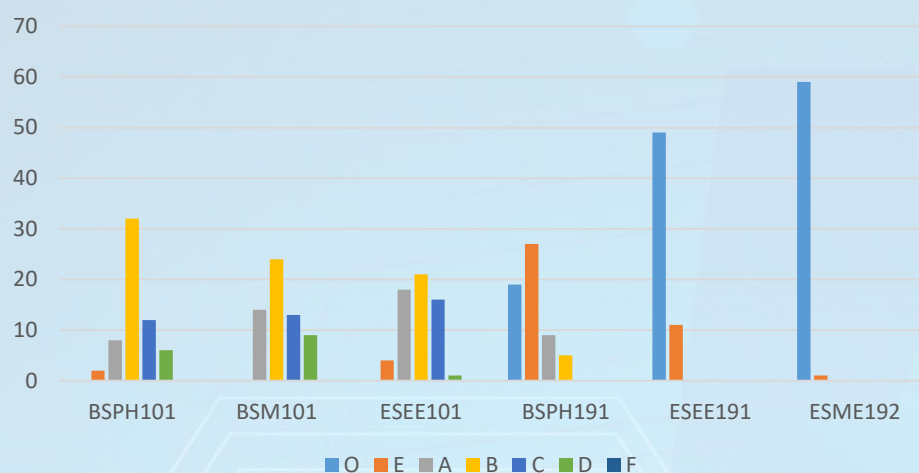
Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Department of Basic Science and Humanities

Result Analysis 2019-20

Department of Basic Science and Humanities

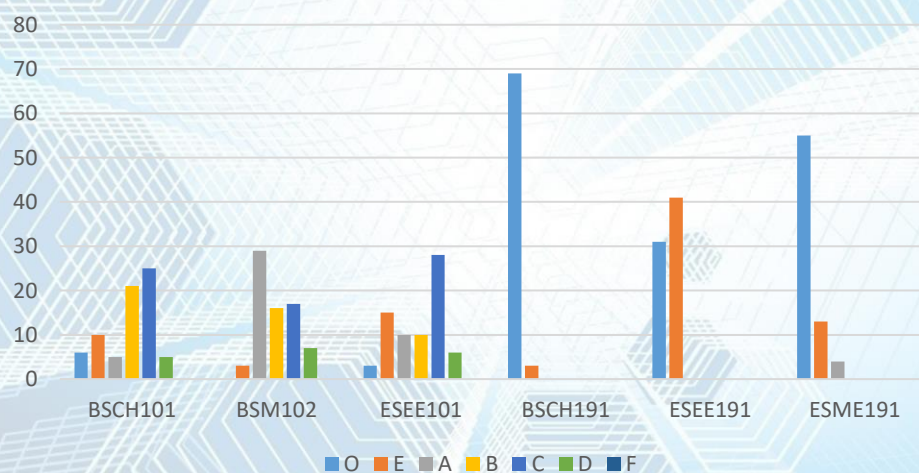
CSE, 1st semester



CSE, 2nd semester



ECE, 1st semester

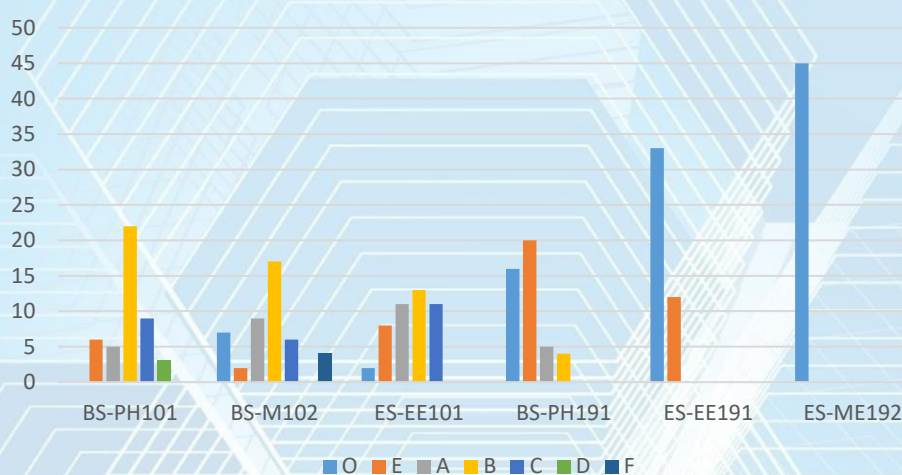


Department of Basic Science and Humanities

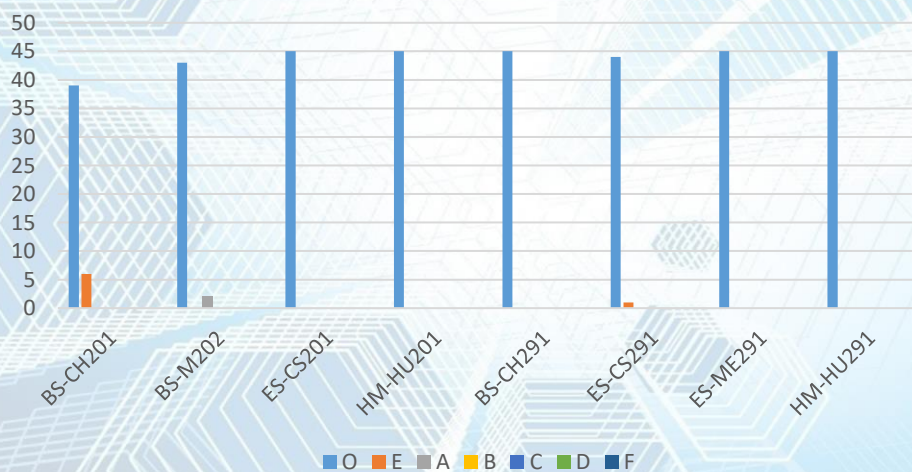
ECE, 2nd semester



AUE, 1st semester

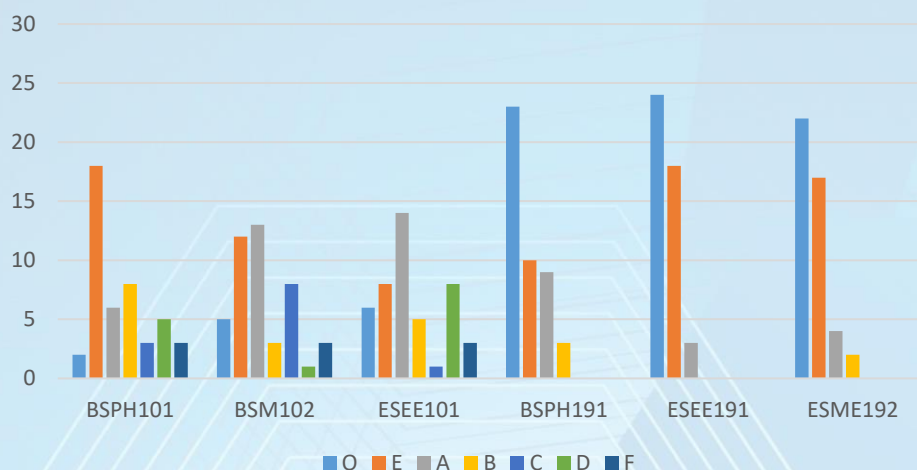


AUE, 2nd semester

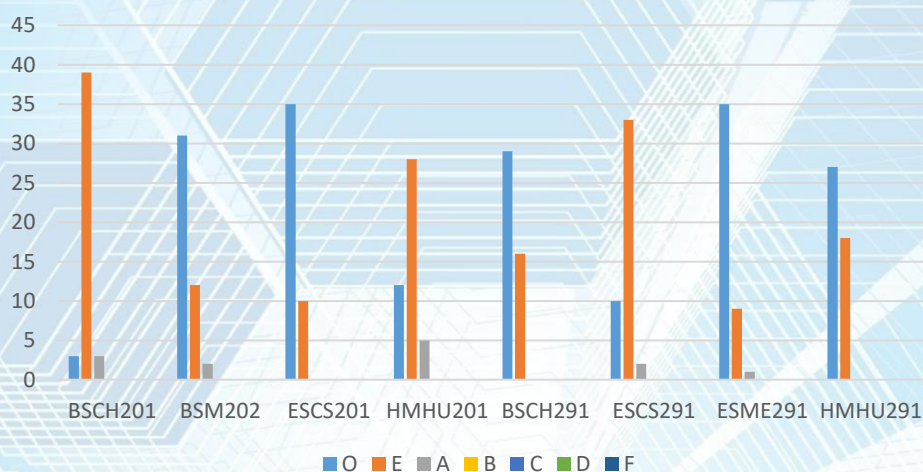


Department of Basic Science and Humanities

CE, 1st Semester



CE, 2nd semester



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Department of Civil Engineering

ANNUAL REPORT 2019-20

Department of Civil Engineering

Vision of the department

To be recognized as an internationally acclaimed technical department by achieving excellent standards of quality technical education, keeping pace with the rapidly changing technologies, research and innovations and to produce Civil Engineers of global standards with the capability of accepting new challenges

Mission of the department

DM1: To impart fundamental knowledge of engineering and its practical application by developing state-of-the-art facilities for the department of Civil Engineering.

DM2: To nurture and build people in a rewarding and inspiring environment by fostering creativity, empowerment, innovation and entrepreneurship.

DM3: To build Industry – Institute linkage for quality improvement by promoting participation of industries in the area of consultancy

DM4: To encourage the students towards higher education through research and development activities

Department of Civil Engineering

Program Outcomes

- * **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- * **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- * **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- * **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- * **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- * **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- * **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Department of Civil Engineering

- * **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- * **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- * **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- * **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- * **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Department of Civil Engineering

Program Educational Objective (PEO)

PEO1: Graduates of Civil Engineering department shall become successful in their professional through strong foundation in core principles and ability of analyzing and solving complex engineering problem in real life

PEO2: Graduates will excel in the field of higher studies through lifelong learning.

PEO3: Graduates will excel in effective communication, teamwork, and leadership, enabling them to work collaboratively in multidisciplinary settings and take on leadership roles within their organizations

Department of Civil Engineering

Programme Specific Outcomes (PSOs)

PSO1: Graduates will have strong fundamental knowledge in core topics of each subject and will have the ability to describe, analyse, and solve problems using mathematics and systematic problem-solving technique for core subjects of Civil Engineering

PSO2: Graduates will be able to patronize higher studies and technological practice in Civil Engineering and to keep pace with the modern construction techniques and management tools either in industry or through entrepreneurship

PSO3: Graduates will possess strong professional skills, both written and oral, enabling them to convey technical information effectively to diverse audiences, including clients, colleagues, and the public

Department of Civil Engineering

Brief Overview of the Department

The Civil Engineering Department at DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE was founded in the year 2012. It provides comprehensive programs in both B.Tech and Diploma Engineering courses. Our department boasts strong infrastructure, supported by state-of-the-art laboratories. Our faculty consists of accomplished educators from prestigious institutions such as IIT, NIT, IIST, JU, and other esteemed establishments. We are dedicated to fostering all-encompassing growth through industrial visits, seminars, workshops, debates, quizzes, and various community initiatives.

Integrated into our academic curriculum are programs focused on soft skills that enhance students' employability prospects. To ensure consistent academic monitoring and attendance, we regularly conduct parent-teacher meetings. For enriched feedback, mentor-mentee interactions take place periodically within the department.

Beyond the prescribed curriculum, we involve students in laboratory experiments that exceed

syllabus requirements, inviting experts and scientists from reputable organizations. Every mentor in the department encourages students to complete NPTEL online courses. Our campus houses an impressive indoor stadium, hosting annual sports events and college tournaments, covering both outdoor and indoor games. Students demonstrate active participation in academic, cultural, and sports competitions.

We also take great care in facilitating students' exposure to the industry through summer and winter internship placements. This initiative guarantees that students gain practical experience aligned with industry requirements. Our commitment to comprehensive education and hands-on training underscores our dedication to producing well-rounded and industry-ready civil engineers.

Department of Civil Engineering

HOD Message

Distinguished colleagues and students,

With immense joy, I stand before you as the Head of the Civil Department, eager to share my enthusiasm for the remarkable progress and achievements that we have collectively attained. As we step into a new chapter of this academic year, I extend my warmest greetings and express my deep appreciation for your unwavering dedication and pursuit of excellence. The Civil Department has consistently stood as a beacon of innovation and knowledge within our institution, and this newsletter serves as a tribute to the exceptional accomplishments and contributions made by our esteemed faculty, staff, and students. Through this medium, we intend to highlight the successes of our department, offer valuable insights, and foster a sense of unity and collaboration.

Our department has a rich legacy of producing skilled and proficient civil engineers who leave an enduring impact on society. As we continue on our journey, let us steadfastly uphold the values of integrity, professionalism, and ethical accountability that define our field.

Within the pages of this publication, we will illuminate the diverse range of research and academic pursuits undertaken by our faculty and students. From cutting-edge research initiatives to meaningful community projects, each endeavour reflects our commitment to making positive changes in the world. In the face of global challenges like climate change and urbanization, civil engineering assumes a crucial role in shaping a sustainable and resilient future. Let us utilize this platform to engage in discussions about the role of civil engineering in advocating for sustainability, environmental preservation, and comprehensive development.

Department of Civil Engineering

Beyond academic milestones, this newsletter will also spotlight stories that celebrate the vibrant culture and camaraderie of our department. From workshops and seminars to extracurricular achievements and student successes, our goal is to present a well-rounded view of the growth within our department.

I strongly encourage each and every one of you to actively contribute to shaping this newsletter. Your insights, contributions, and feedback are invaluable in creating an authentic representation of our department's ethos. Let us engage in open conversations, share our experiences, and inspire one another to reach new heights of excellence. My heartfelt gratitude goes out to our exceptional faculty and staff, whose tireless efforts and dedication lay the groundwork for nurturing the upcoming generation of civil engineers. Equally, I am immensely proud of our students, whose passion and dedication continue to drive us forward.

To all, I extend my sincere appreciation for your unwavering support and steadfast commitment to the Civil Department. Together, let us embrace the opportunities that lie ahead, overcome challenges, and leave a lasting legacy that shapes the course of civil engineering.

Dr. Sushovan Sarkar

HOD, Department of Civil Engineering

Dr. Sudhir Chandra Sur Degree Engineering College

Department of Civil Engineering

CIVIL DEPARTMENTAL NEWS AT A GLANCE

Dr. Buddhadeb Bhattacharjee has successfully supervising Ph.D. researchers in the year 2021. Topic of the research is “Feasibility Study of Applying Capacitive Deionization towards Low-cost Desalination Treatment of Brackish Water”

Dr. Sushovan Sarkar has successfully supervising Ph.D. researchers in the year 2019 which is ongoing. Topic of the research is “Valorization of Agro-industrial Wastes through Anaerobic Co-digestion and Dark-fermentation towards the Enhanced Generation of Biohythane and Short-chain Fatty Acids

Dr. Abhijit Kundu has been awarded PhD. Degree from Indian Institute of Technology (IIT), Kanpur in the year 2020.

Mrs. Nilanjana Banik was pursuing PhD. From Jadavpur University since 2020

Souvik Chakraborty and Subhasish Das (2020). Assessment of Water Surface of Reservoirs with Varying Time and Increasing Population in Contai of West Bengal. Reason-A Technical Journal (Formerly Reason-A Technical Magazine), 34(6), pp. 36 -44. <https://www.i-scholar.in/index.php/RTJ/article/view/196164>

Souvik Chakraborty, Bernadette John, Subhasish Das, and Prabir Kumar Maity. (2020). Examining the extent of seawater intrusion from groundwater quality analysis at Purba Medinipur coast of India. Journal of the Indian Chemical Society, Vol. 97(Apr 2020), 587–594. <https://doi.org/10.5281/zenodo.5642727>

Dr. Sushovan Sarkar has published a journal paper Rubaid Naskar, Sushovan Sarkar, Nityananda Ghosh, and Samir Mukherjee. (2020). Fungal contamination and exposures in different water resources, hazards and remediation. Journal of the Indian Chemical Society, Vol. 97, No. 9b (Sept 2020), 1407–1415. <https://doi.org/10.5281/zenodo.5656681>

Souvik Chakraborty has published a journal paper Chakraborty, S. and Das, S., (2020). Present Scenario of Groundwater Table in Saline Prone Areas of Purba Medinipur in West Bengal, India. In: Topics in Intelligent Computing and Industry Design (ICID) 2(1) (2020) 09-13. Contemporary Issues in Computing (CIC), DOI: <http://doi.org/10.26480/cic.01.2020.09.13>

Department of Civil Engineering

CIVIL DEPARTMENTAL NEWS AT A GLANCE

Souvik Chakraborty, Bernadette John, Prabir Kumar Maity, and Subhasish Das. (2020). Increasing threat on groundwater reserves due to seawater intrusion in Contai belt of West Bengal. Journal of the Indian Chemical Society, Vol. 97(May 2020), 799-817. <https://doi.org/10.5281/zenodo.5657003>

Sushovan Sarkar, and Diptarka Mukherjee (2020). Design of Green Building with Practical of Manual. Indian Journal of Environmental Protection, 40(3), pp. 290-299.
(https://www.researchgate.net/publication/341965075_DESIGN_OF_GREEN_BUILDING_WITH_PRACTICAL_APPLICATION_OF_MANUAL)

Mr. Baibaswata Das received JIS samman for faculty with highest number of publication in Departmental level.

Mr. Baibaswata Das received JIS Samman for faculty with highest number student publication in departmental level.

Dr.Abhijit Kundu completed 5 day's Faculty development program on recent trends in Civil Engineering organized by department of CE, DSCSDEC from 11.05.2020 to 15.05.2020

Dr.Abhijit Kundu completed 5 day's Faculty development program on Application of Total Station in Present Day Surveying organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 30.12.2019 to 03.01.2020

Dr.Abhijit Kundu completed 5 day's Faculty development program on Testing of Bituminous Material and Design of Bituminous Mixes organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 06.01.2020 to 10.01.2020

Mr. Baibaswata Das completed 5 day's Faculty development program on recent trends in Civil Engineering organized by department of CE, DSCSDEC from 11.05.2020 to 15.05.2020

Mr. Baibaswata Das completed 5 day's Faculty development program on Application of Total Station in Present Day Surveying organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 30.12.2019 to 03.01.2020

Department of Civil Engineering

CIVIL DEPARTMENTAL NEWS AT A GLANCE

Mr. Baibaswata Das completed 5 day's Faculty development program on Testing of Bituminous Material and Design of Bituminous Mixes organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 06.01.2020 to 10.01.2020

Mr. Souvik Chakraborty completed 5 day's Faculty development program on recent trends in Civil Engineering organized by department of CE, DSCSDEC from 11.05.2020 to 15.05.2020

Mr. Souvik Chakraborty completed 5 day's Faculty development program on Application of Total Station in Present Day Surveying organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 30.12.2019 to 03.01.2020

Mr. Souvik Chakraborty completed 5 day's Faculty development program on Testing of Bituminous Material and Design of Bituminous Mixes organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 06.01.2020 to 10.01.2020

Mr. Krishnendu Kundu completed 5 day's Faculty development program on recent trends in Civil Engineering organized by department of CE, DSCSDEC from 11.05.2020 to 15.05.2020

Mr. Krishnendu Kundu completed 5 day's Faculty development program on Application of Total Station in Present Day Surveying organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 30.12.2019 to 03.01.2020

Mr. Krishnendu Kundu completed 5 day's Faculty development program on Testing of Bituminous Material and Design of Bituminous Mixes organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 06.01.2020 to 10.01.2020

Dr. Sushovan Sarkar completed 5 day's Faculty development program on recent trends in Civil Engineering organized by department of CE, DSCSDEC from 11.05.2020 to 15.05.2020

Dr. Sushovan Sarkar completed 5 day's Faculty development program on Application of Total Station in Present Day Surveying organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 30.12.2019 to 03.01.2020

Department of Civil Engineering

CIVIL DEPARTMENTAL NEWS AT A GLANCE

Dr. Sushovan Sarkar completed 5 day's Faculty development program on Testing of Bituminous Material and Design of Bituminous Mixes organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 06.01.2020 to 10.01.2020

Mr. Debasish Roy completed 5 day's Faculty development program on recent trends in Civil Engineering organized by department of CE, DSCSDEC from 11.05.2020 to 15.05.2020

Mr. Debasish Roy completed 5 day's Faculty development program on Application of Total Station in Present Day Surveying organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 30.12.2019 to 03.01.2020

Mr. Debasish Roy completed 5 day's Faculty development program on Testing of Bituminous Material and Design of Bituminous Mixes organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 06.01.2020 to 10.01.2020

Mr. Prasun Seal completed 5 day's Faculty development program on recent trends in Civil Engineering organized by department of CE, DSCSDEC from 11.05.2020 to 15.05.2020

Mr. Prasun Seal completed 5 day's Faculty development program on Application of Total Station in Present Day Surveying organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 30.12.2019 to 03.01.2020

Mr. Prasun Seal completed 5 day's Faculty development program on Testing of Bituminous Material and Design of Bituminous Mixes organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 06.01.2020 to 10.01.2020

Dr. Biswabandhu Chatterjee completed 5 day's Faculty development program on recent trends in Civil Engineering organized by department of CE, DSCSDEC from 11.05.2020 to 15.05.2020

Dr. Biswabandhu Chatterjee completed 5 day's Faculty development program on Application of Total Station in Present Day Surveying organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 30.12.2019 to 03.01.2020

Department of Civil Engineering

CIVIL DEPARTMENTAL NEWS AT A GLANCE

Dr. Biswabandhu Chatterjee completed 5 day's Faculty development program on Testing of Bituminous Material and Design of Bituminous Mixes organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 06.01.2020 to 10.01.2020

Dr. Sushovan Sarkar completed 12 weeks NPTEL MOOCS course on Water Supply Engineering

Dr. Sushovan Sarkar completed 12 weeks NPTEL MOOCS course on Sustainable Materials and Green Buildings.

Department of Civil Engineering signed a Memorandum of Understanding (M.O.U) with ABACUS Digital Pvt. Ltd.

Department of Civil Engineering organized International Conference on Sustainable Engineering and Science (SEES 2019) on 29th and 30th November, 2019.

Department of Civil Engineering organized 5 day's Workshop cum Faculty development program on "ADVANCED TECHNIQUES ON SURVEYING & GEOMATICS" from 24th to 29th December 2019.

Department of Civil Engineering conducted Industry tour/visit. at Greenfield city, Behala for the B.Tech students on 23.09.2019 and 24.09.2019

Department of Civil Engineering conducted Industry tour/visit. at Sukhobristi, Rajarhat, under construction multistory building by M/s Simplex Infrastructure Limited for the B.Tech students on 16.03.2023 and 17.03.2020

All the student of B.Tech 3rd Year of Department of Civil Engineering pursued In-house Summer Internship program.

Department of Civil Engineering published Technical Magazine "CIVIL REVIEW" on 26.11.2019

Department of Civil Engineering published a Wall-magazine titled "Environment- A challenge" on 06.09.2019

Department of Civil Engineering published a Wall-magazine titled "CIVIZINE" on 29.11.2019.

Department of Civil Engineering

Departmental achievements

Student's achievements :

Nabanita Biswas (CE 2016-20) published a paper titled "An overview of environmental impact- Natural Draught Vs Induced Draft Cooling Tower" in National Conference on Environmental Sustainability, Water resource and Management (ESWRM 2019).

Diptarka Mukherjee (CE 2015-2019) published a paper titled "Design of Green Building with Practical Application of Manual" in Indian Journal of Environmental Projection (IJEP).

Soumita Boral (CE 2017-21), Souvik Ghosh Dastidar (CE 2017-21) became 1st runners up for the Interdepartmental Quiz competition organized by department of Civil Engineering.

Ersha Goswami, student of Civil Engineering 2020 Batch got opportunity to study M.Sc in Department of Ocean Engineering and Naval Architechture in IIT Kharagopur.

Md. Afzal Iqbal student of Civil Engineering 2020 Batch got opportunity to study MBA in Construction management in National Institute of Construction Management and Research (NICMAR).

Monika Biswas, student of Civil Engineering 2020 Batch got opportunity to study MBA in Regional College of Management, Bangalore

Ritu Mitra, student of Civil Engineering 2020 Batch got opportunity to study MBA in ICFAI University

Department of Civil Engineering

Departmental achievements

Student's achievements :

Suraj Kumar Khalani, student of Civil Engineering 2020 Batch got opportunity to study M.Tech in Department of Civil Engineering in Camelia School of Engineering and Technology.

Shreyashi Chowdhury of CE Dept. 2021 batch awarded 2nd place in Solo dance competition organized by Meghnad Saha Institute of Technology.

Shreyashi Chowdhury of CE Dept. 2021 batch awarded 2nd place in Solo dance competition organized by Meghnad Saha Institute of Technology.

Yiendrila Nath of CE Dept. 2020 batch awarded 1st place in Inter college drawing competition organized by Jis University.

Abhijit Karmakar of CE Dept. 2021 batch awarded 1st place in Inter College Chess Competition organized by Jis University.

Sidharth Pandey of CE Dept. 2020 batch awarded 2nd place in Inter college carrom Competition organized by Jis University.

Suman Jana of CE Dept. 2020 batch awarded 2nd place in Inter college DEBATE Competition organized by Jis University.

Saikat Chowdhury of CE Dept. 2020 batch awarded 2nd place in Inter College Painting Competition organized by Jis University.

Sumana Das of CE Dept. 2022 batch awarded 2nd place in Solo dance competition organized by Jis University.

Department of Civil Engineering

Departmental achievements

Student's achievements :

Shreyashi Chowdhury of CE Dept. 2021 batch awarded 1st runner up in Inter-college solo singing competition organized by Balasore College of Engineering and Technology, Balasore.

Md. Faizan Nasim of CE Dept. 2020 batch awarded 1st runner up Inter-College Football Tournament organized by Balasore College of Engineering and Technology, Balasore.

Md. Afzal Iqbal of CE Dept. 2020 batch awarded 1st runner up Inter-College Football Tournament organized by Balasore College of Engineering and Technology, Balasore.

Appayan Acharjee of CE Dept. 2021 batch awarded 2nd Prize in Inter-College Innovative project competition organized by International Institute of Engineering and Technology, Bhubaneswar.

Department of Civil Engineering

Departmental achievements

Faculty's achievements :

Dr. Buddhadeb Bhattacharjee has successfully supervising Ph.D. researchers in the year 2021. Topic of the research is "Feasibility Study of Applying Capacitive Deionization towards Low-cost Desalination Treatment of Brackish Water"

Dr. Sushovan Sarkar has successfully supervising Ph.D. researchers in the year 2019 which is ongoing. Topic of the research is "Valorization of Agro-industrial Wastes through Anaerobic Co-digestion and Dark-fermentation towards the Enhanced Generation of Biohythane and Short-chain Fatty Acids"

Dr. Abhijit Kundu has been awarded PhD. Degree from Indian Institute of Technology (IIT), Kanpur in the year 2020.

Mrs. Nilanjana Banik was pursuing PhD. From Jadavpur University since 2020

Souvik Chakraborty and Subhasish Das (2020). Assessment of Water Surface of Reservoirs with Varying Time and Increasing Population in Contai of West Bengal. Reason-A Technical Journal (Formerly Reason-A Technical Magazine), 34(6), pp. 36 -44. <https://www.i-scholar.in/index.php/RTJ/article/view/196164>

Souvik Chakraborty, Bernadette John, Subhasish Das, and Prabir Kumar Maity. (2020). Examining the extent of seawater intrusion from groundwater quality analysis at Purba Medinipur coast of India. Journal of the Indian Chemical Society, Vol. 97(Apr 2020), 587-594. <https://doi.org/10.5281/zenodo.5642727>

Dr. Sushovan Sarkar has published a journal paper Rubaid Naskar, Sushovan Sarkar, Nityananda Ghosh, and Samir Mukherjee. (2020). Fungal contamination and exposures in different water resources, hazards and remediation. Journal of the Indian Chemical Society, Vol. 97, No. 9b (Sept 2020), 1407-1415. <https://doi.org/10.5281/zenodo.5656681>

Souvik Chakraborty has published a journal paper Chakraborty, S. and Das, S., (2020). Present Scenario of Groundwater Table in Saline Prone Areas of Purba Medinipur in West Bengal, India. In: Topics in Intelligent Computing and Industry Design (ICID) 2(1) (2020) 09-13. Contemporary Issues in Computing (CIC), DOI: <http://doi.org/10.26480/cic.01.2020.09.13>

Department of Civil Engineering

Departmental achievements

Faculty's achievements :

Souvik Chakraborty, Bernadette John, Prabir Kumar Maity, and Subhasish Das. (2020). Increasing threat on groundwater reserves due to seawater intrusion in Contai belt of West Bengal. Journal of the Indian Chemical Society, Vol.97(May2020),799-817.
<https://doi.org/10.5281/zenodo.5657003>

Sushovan Sarkar, and Diptarka Mukherjee (2020). Design of Green Building with Practical of Manual. Indian Journal of Environmental Protection, 40(3), pp. 290-299.
https://www.researchgate.net/publication/341965075_DESIGN_OF_GREEN_BUILDING_WITH_PRACTICAL_APPLICATION_OF_MANUAL

Mr. Baibaswata Das received JIS samman for faculty with highest number of publication in Departmental level.

Mr. Baibaswata Das received JIS Samman for faculty with highest number student publication in departmental level.

Dr.Abhijit Kundu completed 5 day's Faculty development program on recent trends in Civil Engineering organized by department of CE, DSCSDEC from 11.05.2020 to 15.05.2020

Dr.Abhijit Kundu completed 5 day's Faculty development program on Application of Total Station in Present Day Surveying organized by National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata from 30.12.2019 to 03.01.2020

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Department of Civil Engineering

Departmental achievements

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Department of Civil Engineering

Departmental achievements

Faculty Publications :

Souvik Chakraborty and Subhasish Das (2020). Assessment of Water Surface of Reservoirs with Varying Time and Increasing Population in Contai of West Bengal. Reason-A Technical Journal (Formerly Reason-A Technical Magazine), 34(6), pp. 36 -44. <https://www.i-scholar.in/index.php/RTJ/article/view/196164>

Souvik Chakraborty, Bernadette John, Subhasish Das, and Prabir Kumar Maity. (2020). Examining the extent of seawater intrusion from groundwater quality analysis at Purba Medinipur coast of India. Journal of the Indian Chemical Society, Vol. 97(Apr 2020), 587-594. <https://doi.org/10.5281/zenodo.5642727>

Dr. Sushovan Sarkar has published a journal paper Rubaid Naskar, Sushovan Sarkar, Nityananda Ghosh, and Samir Mukherjee. (2020). Fungal contamination and exposures in different water resources, hazards and remediation. Journal of the Indian Chemical Society, Vol. 97, No. 9b (Sept 2020), 1407-1415. <https://doi.org/10.5281/zenodo.5656681>

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Souvik Chakraborty, Bernadette John, Prabir Kumar Maity, and Subhasish Das. (2020). Increasing threat on groundwater reserves due to seawater intrusion in Contai belt of West Bengal. Journal of the Indian Chemical Society, Vol. 97(May 2020), 799-817. <https://doi.org/10.5281/zenodo.5657003>

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Department of Civil Engineering

Departmental achievements

Student Publications :

Nabanita Biswas (CE 2016-20) authored article “An overview of environmental impact- Natural Draught Vs Induced Draft Cooling Tower” published in Proceedings of National Conference on Environmental Sustainability, Water resource and Management (ESWRM 2019)

Diptarka Mukherjee (CE 2015-2019) authored article “Design of Green Building with Practical Application of Manual”, published in Indian Journal of Environmental Projection (IJEPP), Vol.40 Issue 3, pp-290-299 (Scopus Indexed)

DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE

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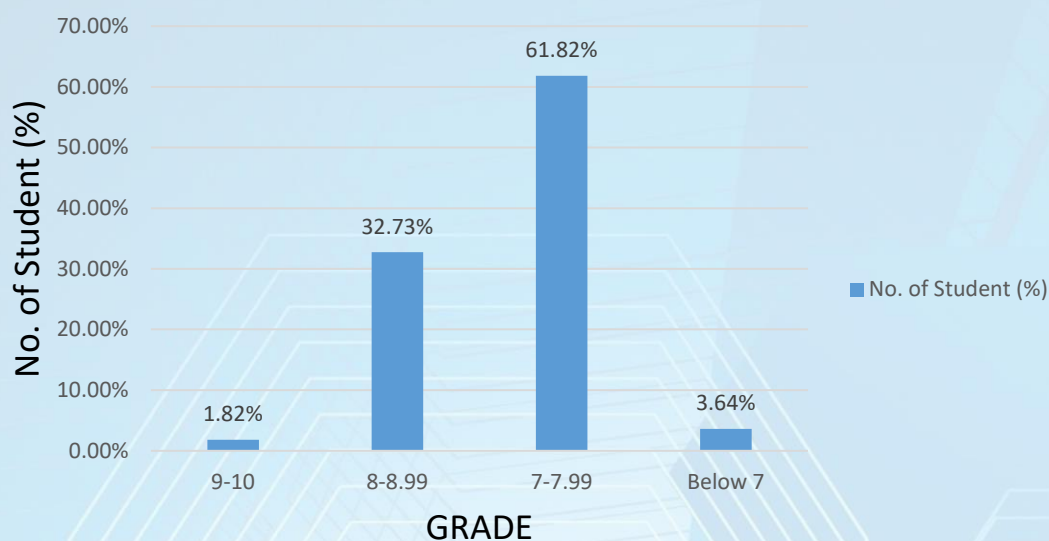
Department of Civil Engineering

Result Analysis 2019-20

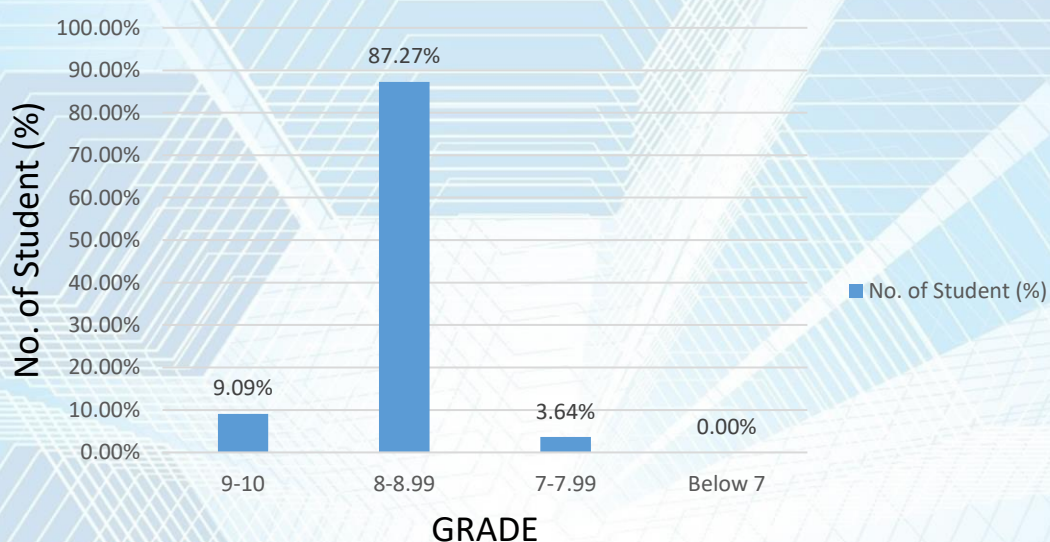
Department of Civil Engineering

2nd Year

SGPA-Wise Result Analysis (3rd Semester)



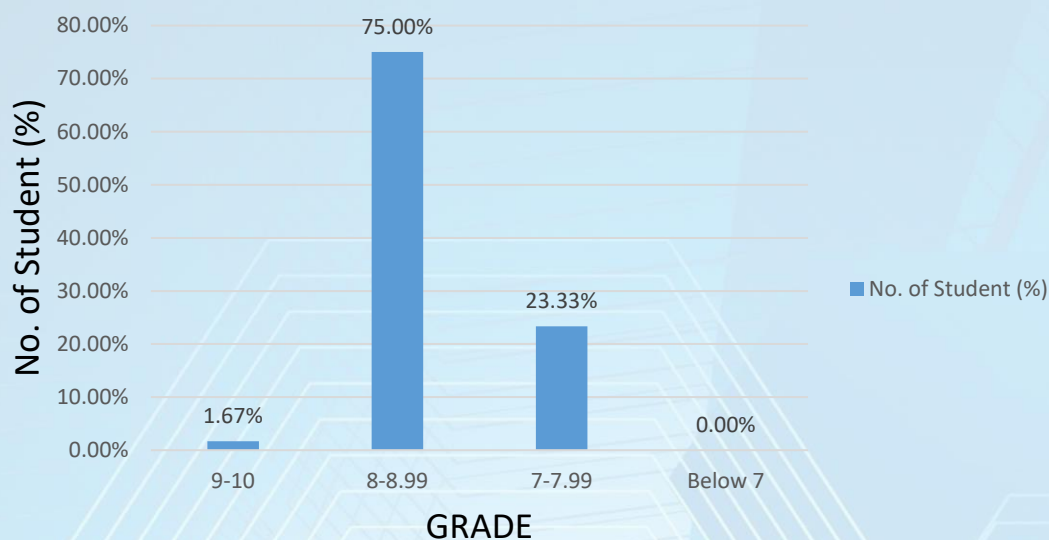
SGPA-Wise Result Analysis (4th Semester)



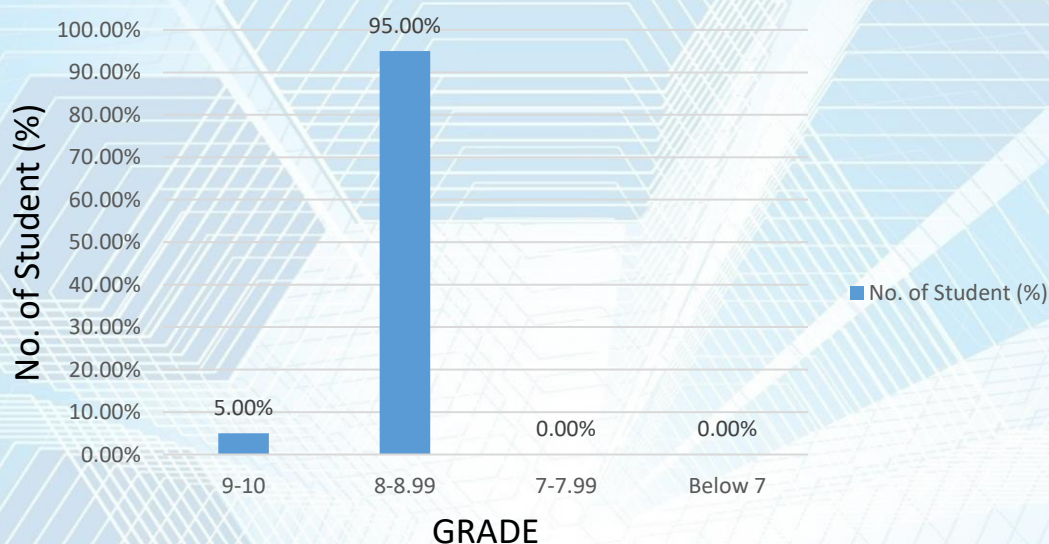
Department of Civil Engineering

3rd Year

SGPA-Wise Result Analysis (5th Semester)



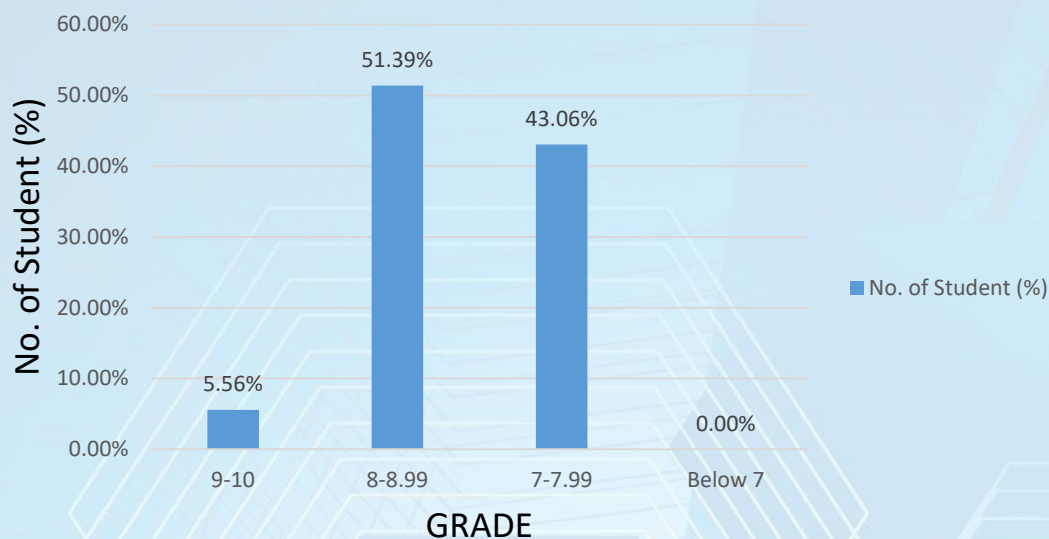
SGPA-Wise Result Analysis (6th Semester)



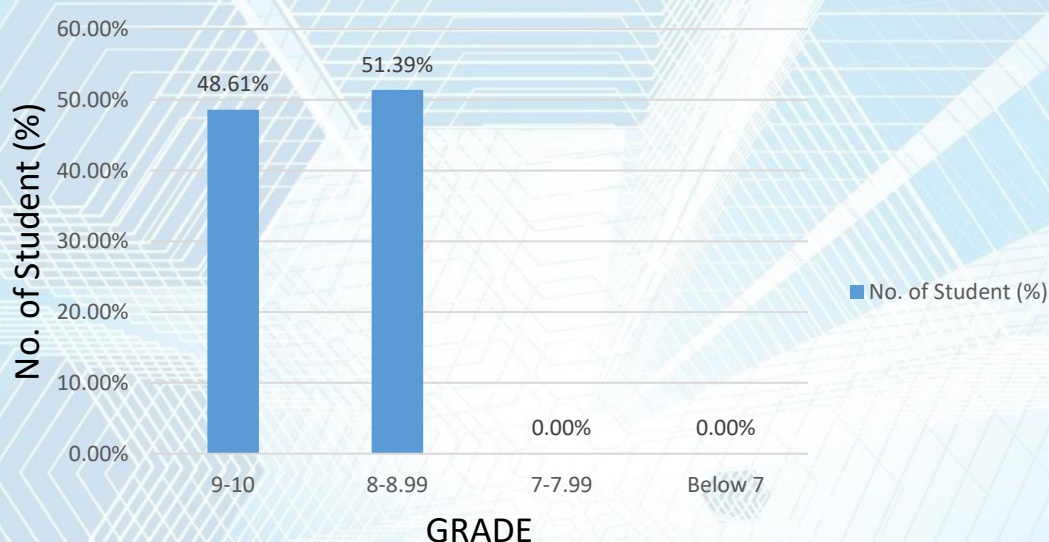
Department of Civil Engineering

4th Year

SGPA-Wise Result Analysis (7th Semester)



SGPA-Wise Result Analysis (8th Semester)



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Department of Automobile Engineering

ANNUAL REPORT 2019-20

Department of Automobile Engineering

Vision of the department

To be recognized as a space of excellent education and quality research in the field of Automobile Engineering by adapting transformative teaching-learning process to produce ethical professionals, innovators and entrepreneurs capable of developing the society.

Mission of the department

DM1: To provide the students an excellent academic environment where ethical values will be disseminated along with leadership skills, leading to meaningful contributions towards our society.

DM2: To develop a comprehensive R&D Ecosystem so that the students, faculties can innovate as per societal needs.

DM3: To continuously upgrade the excellence of faculties through Workshops, FDPs and Seminars with the objective to connect with the rapidly changing technologies.

DM4: To collaborate with Industries, Professional Societies and Educational Institutions for the continuous betterment of the students to become Industry-Ready/ Entrepreneurs.

DM5: To practice updated teaching-learning methodologies where fundamental engineering concepts will be blended with different project experiences at all levels of the curriculum to generate new knowledge for the society.

Department of Automobile Engineering

• Program Outcomes

- * **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- * **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- * **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- * **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- * **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- * **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- * **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Department of Automobile Engineering

- * **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- * **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- * **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- * **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- * **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Department of Automobile Engineering

- **Program Educational Objective (PEO)**

Department of Automobile Engineering expects its B. Tech graduates to achieve the following after the completion of the program:

- **PEO1:** Graduates will be working as professionals in different Automobile Engineering sectors like design, operations, systems and production.
- **PEO2:** Graduates will be solving complex problems to innovate new solutions using modern tools with the ethical responsibility to meet society requirements.
- **PEO3:** Graduates will be engaged in lifelong learning by doing higher studies, research and being members of professional societies.

Department of Automobile Engineering

- **Program Specific Outcomes (PSOs)**

- **PSO1: Problem-Solving Skills**

Ability to conduct critical analysis and utilize problem-solving techniques, necessary for carrying out research activities in the fields of Automobile Engineering like Engine Testing & Performance Measurement, Alternative fuels and Pollution Control, CAD/CAM and Vehicle Maintenance and Diagnostics.

- **PSO2: Professional Skills**

Ability to plan, design & conduct experiments and simulate the real-life situations involved in Automobile Engineering utilizing efficient, environmental-friendly, sustainable, cost-effective conventional and/or computational methodologies; while operating autonomously or industrial environments.

- **PSO3: Leadership & Inter-personal Skills**

Capacity to compete in the available employment prospects ethically and able to lead, manage, communicate while working in a team proficiently in the Automotive and allied domains.

Department of Automobile Engineering

- **Brief Overview of the Department**

Established in 2009, Dr. Sudhir Chandra Sur Degree Engineering College inaugurated its Department of Automobile Engineering concurrently. Initially offering a four-year B.Tech program with a student cap of 60, the department expanded in 2014 to include a Diploma in Automobile Engineering, maintaining the same enrollment limit. Its primary objective is to nurture adept automotive engineers equipped with hands-on experience and abreast of contemporary advancements in automotive technology. This ensures a steady supply of proficient professionals bridging the gap between industry demands and academic curriculum. The department boasts cutting-edge laboratory facilities facilitating practical training across various specialized domains of automobile engineering. Students delve into diverse engineering disciplines including mechanical, electrical, electronic, and industrial design, fostering a comprehensive understanding. Moreover, the department actively fosters students' professional development and industry engagement by endorsing student chapters affiliated with esteemed organizations like the Society of Automotive Engineers (SAE).

Department of Automobile Engineering

• HOD Message

Dear colleagues and students,

I am delighted to present the Newsletter from the Automobile Engineering Department of Dr. Sudhir Chandra Sur Degree Engineering College. This Newsletter comprehensively covers all departmental activities, shedding light on the initiatives, events, and engagements of our esteemed faculty members and students.

We believe that you will find this resource to enrich your lives. It is imperative to rise again after setbacks, for it is through adversity that stories of resilience and determination are forged. The Department of Automobile Engineering is committed to supporting you in all your endeavours. Therefore, focus on your studies, endeavour to enhance your lives daily, and remember that we are here to assist you. As the mentors of the Automobile Engineering Department, along with the entire faculty, we assure you of our unwavering support and dedication to providing you with the finest education possible.

Dr. Prasun Dutta

Head of the Department

Automobile Engineering Department, DSCSDEC

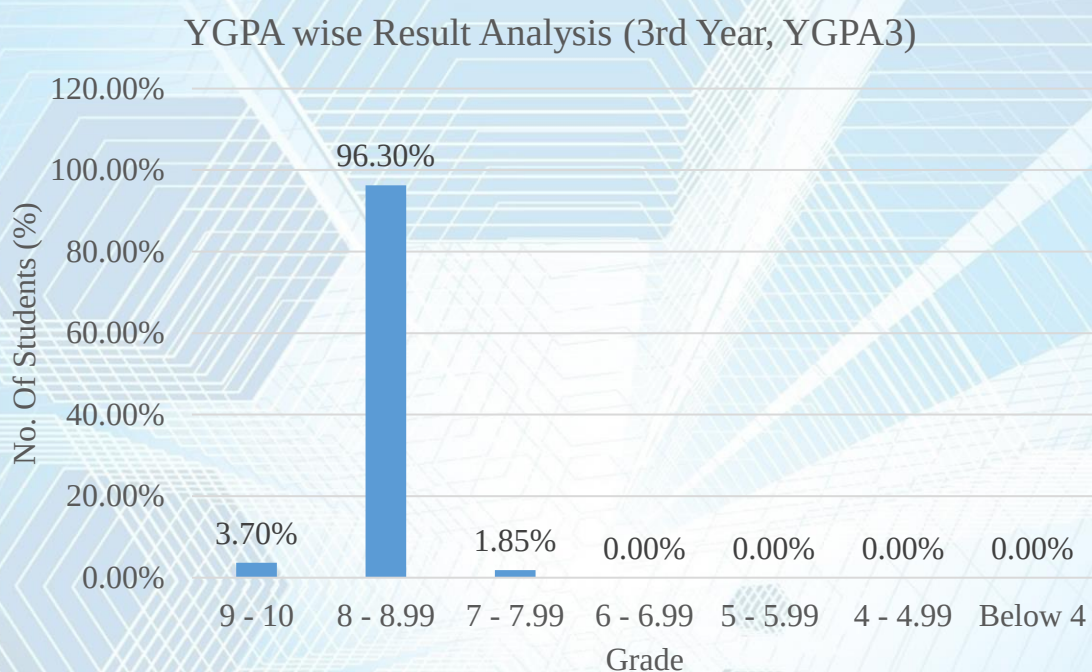
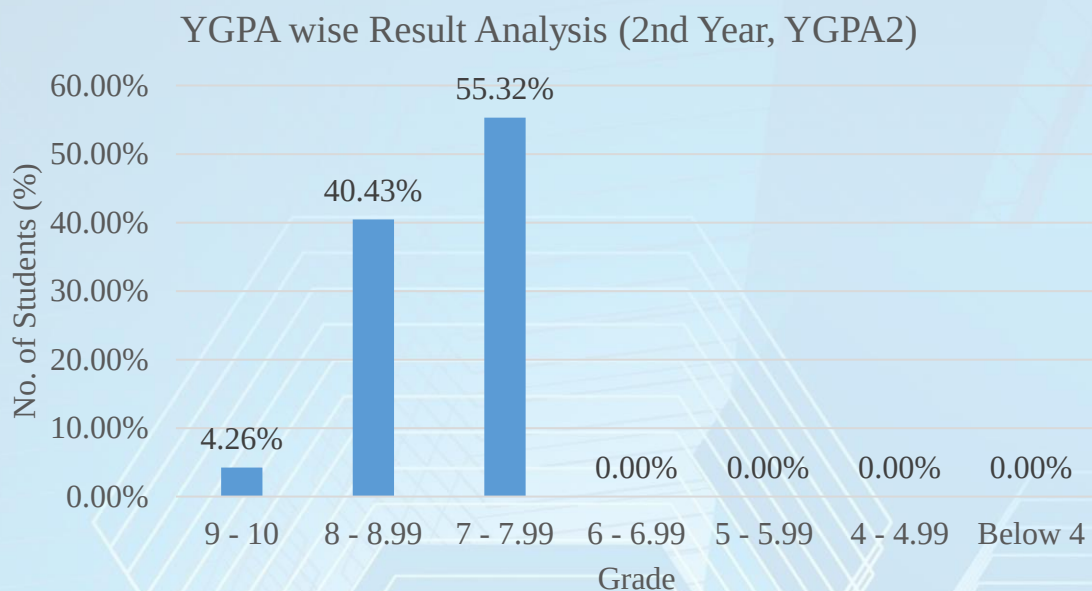
Department of Automobile Engineering

• Faculty Achievements

1. Mr. Pritam Bhattacharjee participated in the Faculty Development Program on “Outcome Based Education” from 02/03/2020 to 06/03/2020 Organized by IQAC of Gokaraju Rangaraju Institute of Engineering and Technology
2. Mr. Sk Tanbir Islam participated in the Faculty Development Program on “Outcome Based Education” from 02/03/2020 to 06/03/2020 Organized by IQAC of Gokaraju Rangaraju Institute of Engineering and Technology
3. Mr. Kalyan Mukherjee participated in the Faculty Development Program on “Advanced Welding Processes and Physics of Welding” from 11/05/2020 to 15/05/2020 Organized by NITTR, Kolkata
4. Mr. Shankha Ghosh participated in the Faculty Development Program on “Advanced Welding Processes and Physics of Welding” from 11/05/2020 to 15/05/2020 Organized by NITTR, Kolkata
5. Mr. Shankha Ghosh participated in the Faculty Development Program on “Advancement in Phase Change Material-based Thermal and Renewable Energy Technologies” from 01/06/2020 to 05/06/2020 organized by the Department of Mechanical Engineering, Lakireddy Bali Reddy College of Engineering
6. Mr. SK tanbir Islam participated in the Faculty Development Program on “Advancement in Phase Change Material-based Thermal and Renewable Energy Technologies” from 01/06/2020 to 05/06/2020 organized by the Department of Mechanical Engineering, Lakireddy Bali Reddy College of Engineering

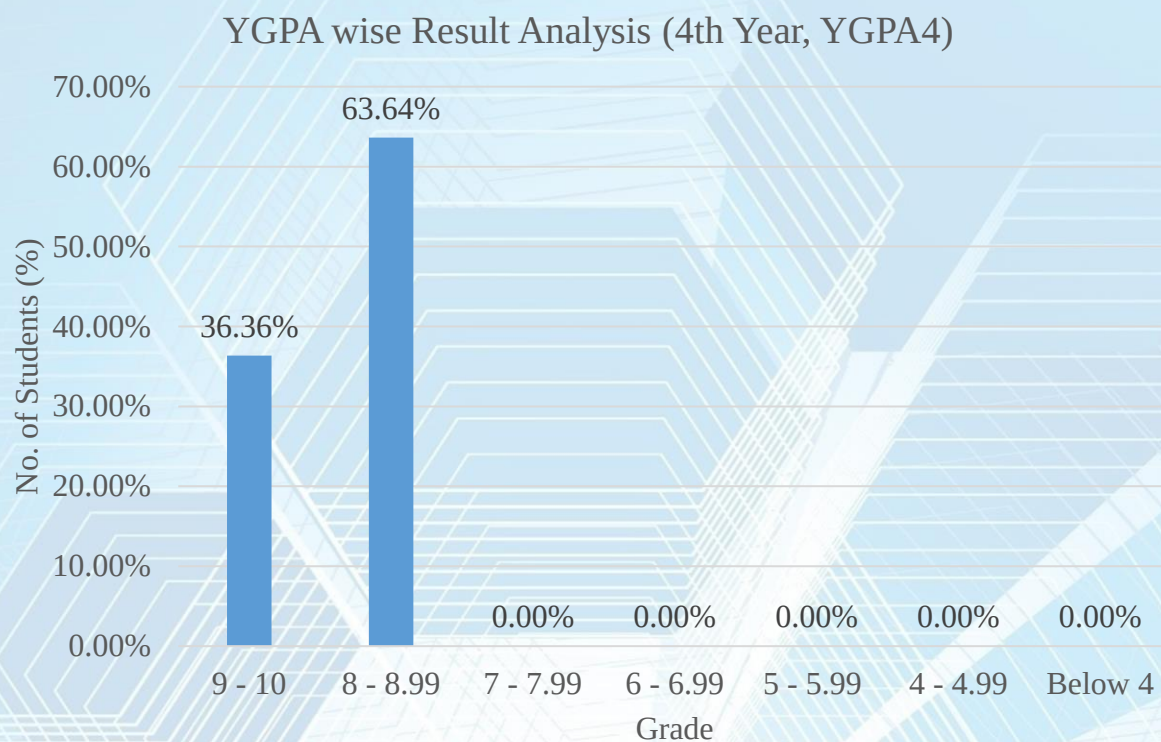
Department of Automobile Engineering

Result Analysis



Department of Automobile Engineering

Result Analysis



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Department of Computer Science & Engineering

ANNUAL REPORT 2019-20

Department of Computer Science & Engineering

Vision of the department

To address the challenges of societal needs and global industry requirements in the area of Computer Science & Engineering with state of art education and research.

Mission of the department

- ❖ To provide an environment for education, research, and development by imparting sound theoretical knowledge and practical Computer Science and engineering skills.
- ❖ To produce skilled graduate Engineers capable of designing solutions for industry and society.
- ❖ To inculcate work ethics and commitment in students for their future endeavors to serve socio-economic needs.
- ❖ To produce graduates with personal and professional responsibilities with dedication to lifelong learning.

Department of Computer Science & Engineering

Program Outcomes

- * **PO#1:** Engineering Knowledge: Apply knowledge of mathematics and science, with fundamentals of Computer Science and engineering to be able to solve complex engineering problems related to CSE.
- * **PO#2:** Problem Analysis: Identify, Formulate, review research literature and analyze complex engineering problems related to CSE and reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- * **PO#3:** Design/Development of solutions: Design solutions for complex engineering problems related to CSE and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural societal and environmental considerations
- * **PO#4:** Conduct Investigations of Complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions
- * **PO#5:** Modern Tool Usage: Create, Select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to computer science related complex engineering activities with an understanding of the limitations
- * **PO#6:** The Engineer and Society: Apply Reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the CSE professional engineering practice

Department of Computer Science & Engineering

- * **PO#7: Environment and Sustainability:** Understand the impact of the CSE professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development
- * **PO#8: Ethics:** Apply Ethical Principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- * **PO#9: Individual and Team Work:** Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary Settings
- * **PO#10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large such as able to comprehend and with write effective reports and design documentation make effective presentations and give and receive clear instructions.
- * **PO#11: Project Management and Finance:** Demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multi-disciplinary environments.
- * **PO#12: Life-Long Learning:** Recognize the need for and have the preparation and ability to engage in independent and life-long learning the broadest context of technological change.

Department of Computer Science & Engineering

Program Educational Objective (PEO)

PEO1: Graduates will be able to take up technical/managerial roles involving problem analyzing, solving, designing, development to production support in software industries as well as in R&D sectors.

PEO2: Graduates will pursue higher education/research.

PEO3: Graduates will adapt, contribute and innovate advance technologies and systems in the key domains of Computer Science & Engineering.

PEO4: Graduates will be ethically and socially responsible.

Programme Specific Outcomes (PSOs)

PSO1: Learn and adapt the latest technologies in the field of computer science and engineering.

PSO2: Identify and analyze real life problems and provide software solutions.

Department of Computer Science & Engineering

Brief Overview of the Department

The Department of Computer Science and Engineering, since its inception in 2009, has always attracted the best of engineering aspirants from all over the country. It is successful in producing skilled and competent Computer Engineers and Entrepreneurs ready to satisfy the needs of the industry and society at large.

The Department is equipped with adequate infrastructure to support academic, research and extra-curricular activities for the all-round development of our students with well-qualified, skilled and experienced faculty members. The department frequently organizes workshops, invited talks, seminars regularly for the benefit of the student and faculty community.

The Department has an impressive placement track record with 85% of the students placed in reputed organizations. This stream is aimed at providing training in Computer Engineering, software design and hardware-software integration instead of only Software Engineering or Electronic Engineering. Computer Engineers are involved in many hardware and software aspects of computing, from the design of individual microprocessors, personal computers and supercomputers to circuit design. This field of Engineering will not only make the students aware of how the computer systems work, but also help them understand how to integrate each of them to make them work in the bigger picture.

HOD Message

Department of Computer Science & Engineering welcomes you in the fascinating world of reality vs. virtual reality, from modeling to simulation, from action to implementation of real-world dynamics, engineering, algorithms etc. The Department is dedicated to basic teaching and problem solving of mathematics, physics, environmental science etc. and its application in day-to-day life. e.g., bio-medical engineering, security engineering, robotics and IoT etc. The programme starts with basic needs of the students of the departments to prepare them for upcoming challenges and lifelong learning. The Department provides a blooming environment to both students and faculties. Department interacts with industries and research organizations for state-of-the-art technologies by signing MOUs. I would like to extend a warm welcome to all members including future engineers to be associated with the teaching learning and R&D activities in the department.

Department of Computer Science and Engineering

Beyond academic milestones, this newsletter will also spotlight stories that celebrate the vibrant culture and camaraderie of our department. From workshops and seminars to extracurricular achievements and student successes, our goal is to present a well-rounded view of the growth within our department.

I strongly encourage each and every one of you to actively contribute to shaping this newsletter. Your insights, contributions, and feedback are invaluable in creating an authentic representation of our department's ethos. Let us engage in open conversations, share our experiences, and inspire one another to reach new heights of excellence. My heartfelt gratitude goes out to our exceptional faculty and staff, whose tireless efforts and dedication lay the groundwork for nurturing the upcoming generation of Computer Science and Engineering engineers. Equally, I am immensely proud of our students, whose passion and dedication continue to drive us forward.

To all, I extend my sincere appreciation for your unwavering support and steadfast commitment to the Computer Science and Engineering Department. Together, let us embrace the opportunities that lie ahead, overcome challenges, and leave a lasting legacy that shapes the course of Computer Science and Engineering engineering.

Prof. (Dr.) Mallika De
HOD, Department of Computer Science and Engineering
Dr. Sudhir Chandra Sur Degree Engineering College

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

Search Engine Optimization with Google Analytics & Web Master Tools (01-07-2019 to 05-07-2019)

This comprehensive course offered participants an in-depth exploration of Search Engine Optimization (SEO) techniques, with a focus on leveraging Google Analytics and Web Master Tools to enhance website visibility and performance. Through practical exercises and case studies, participants learned how to conduct keyword research, optimize website content, and implement effective SEO strategies. They also gained insights into analyzing website traffic, monitoring performance metrics, and troubleshooting issues using Google Analytics and Web Master Tools.

Mobile Application Development (01-07-2019 to 05-07-2019)

In this intensive workshop, participants immersed themselves in the world of mobile application development, learning the essential skills and techniques needed to create innovative and user-friendly mobile apps. Through hands-on projects and coding exercises, they gained proficiency in mobile app development frameworks and programming languages such as Swift for iOS and Java/Kotlin for Android. Topics covered included user interface design, data management, API integration, and app deployment strategies.

Arduino with IoT (01-07-2019 to 05-07-2019)

Arduino with IoT provided participants with a hands-on experience in building Internet of Things (IoT) devices using Arduino microcontrollers. Through practical projects and experiments, they learned how to design, program, and deploy IoT solutions for various applications. Topics covered included sensor interfacing, data acquisition, wireless communication protocols, and cloud integration. Participants also explored real-world IoT use cases and learned how to troubleshoot common hardware and software issues.

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

Ethical Hacking (02-01-2020 to 07-01-2020)

This immersive course delved into the world of ethical hacking, equipping participants with the knowledge and skills needed to identify and mitigate cybersecurity threats. Through hands-on labs and simulations, participants learned how to conduct penetration testing, vulnerability assessments, and network security audits. Topics covered included reconnaissance, exploitation, privilege escalation, and ethical considerations in offensive security practices. Participants also gained insights into the latest hacking tools and techniques used by cybersecurity professionals.

Introduction to Django (02-01-2020 to 07-01-2020)

Introduction to Django provided participants with a solid foundation in web development using the Django framework. Through a combination of lectures and practical exercises, participants learned how to build dynamic web applications using Django's powerful features and conventions. Topics covered included model-view-template (MVT) architecture, URL routing, form handling, authentication, and database integration with Django ORM. By the end of the course, participants were able to develop and deploy their own Django-based web applications.

Blockchain (02-01-2020 to 07-01-2020)

This course offered participants a comprehensive understanding of blockchain technology and its diverse applications across industries. Through lectures, case studies, and hands-on projects, participants learned about the underlying principles of blockchain, including decentralized consensus, cryptographic hashing, and smart contracts. They also explored real-world blockchain implementations, such as cryptocurrencies, supply chain management, and digital identity systems. By the end of the course, participants were equipped with the knowledge and skills needed to develop blockchain-based solutions and navigate the evolving landscape of decentralized technology.

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

Ethical Hacking (02-01-2020 to 07-01-2020)

This immersive course delved into the world of ethical hacking, equipping participants with the knowledge and skills needed to identify and mitigate cybersecurity threats. Through hands-on labs and simulations, participants learned how to conduct penetration testing, vulnerability assessments, and network security audits. Topics covered included reconnaissance, exploitation, privilege escalation, and ethical considerations in offensive security practices. Participants also gained insights into the latest hacking tools and techniques used by cybersecurity professionals.

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Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

➤ FDP ATTENDED

Title: Faculty Development Program (FDP) on IoT

Date: 23/12/2019 to 28/12/2019

Venue: [Venue Name/Institution Name]

Organized by: [Organizing Institution/Department]

Faculty Participants:

- Rinku Supakar
Designation: Assistant Professor
- Chandranath Adak
Designation: Professor
- Jayanta Mondal
Designation: Assistant Professor
- Anjan Kumar Payra
Designation: Assistant Professor
- Madhusmita Mishra
Designation: Assistant Professor
- Ruchira Dutta
Designation: Assistant Professor
- Mallika De
Designation: Professor
- Debdatta Chatterjee
Designation: Assistant Professor

Overview:

The Faculty Development Program (FDP) on Internet of Things (IoT) conducted from 23rd December 2019 to 28th December 2019 aimed to enhance the knowledge and skills of faculty members in the domain of IoT. The program provided a comprehensive understanding of IoT technologies, applications, and their integration into various domains.

Objectives:

- To familiarize faculty members with the concepts and principles of IoT.
- To explore the latest trends and advancements in IoT technologies.
- To provide hands-on experience in developing IoT-based applications.
- To facilitate networking and collaboration among faculty members and experts in the field.

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

➤ Objectives:

- To familiarize faculty members with the concepts and principles of IoT.
- To explore the latest trends and advancements in IoT technologies.
- To provide hands-on experience in developing IoT-based applications.
- To facilitate networking and collaboration among faculty members and experts in the field.

Sessions and Activities:

The FDP consisted of a series of interactive sessions, workshops, and practical exercises conducted by experts in the field of IoT. The sessions covered topics such as:

- ❖ Introduction to IoT and its components
- ❖ IoT protocols and communication technologies
- ❖ IoT platforms and frameworks
- ❖ IoT applications in healthcare, agriculture, smart cities, etc.
- ❖ Security and privacy considerations in IoT
- ❖ Hands-on sessions on IoT hardware and software development

Participants' Feedback:

The participants found the FDP highly informative and engaging. They appreciated the hands-on approach and practical insights provided during the sessions. The program helped them gain a deeper understanding of IoT concepts and its applications across various domains. The interactive nature of the sessions encouraged active participation and knowledge sharing among the participants.

Conclusion:

The Faculty Development Program on IoT was a resounding success, equipping faculty members with the knowledge and skills needed to incorporate IoT technologies into their teaching and research activities. The program fostered collaboration and knowledge exchange, empowering participants to contribute effectively to the rapidly evolving field of IoT.

Department of Computer Science & Engineering

Departmental achievements

Student's achievements :

Achievements in Inter-College Competitions

1. Second Place in Inter-College Shot Put Competition - Sita Ram Tiwari

Sita Ram Tiwari showcased outstanding athleticism and strength by securing the second position in the Inter-College Shot Put Competition. His dedication to training and discipline contributed to his remarkable performance, earning him recognition among his peers and competitors.

2. Second Place in Inter-College High Jump Competition - Wasim Akram

Wasim Akram's exceptional agility and technique led him to clinch the second position in the Inter-College High Jump Competition. His skillful maneuvers and perseverance underscored his commitment to excellence in athletics, making him a commendable representative of his college.

3. Second Place in Inter-College Painting Competition - Priyanka Oraon

Priyanka Oraon's artistic talent and creativity shone through as she secured the second place in the Inter-College Painting Competition. Her expressive artwork captivated the audience and judges alike, demonstrating her ability to convey meaningful messages through her artistry.

Department of Computer Science & Engineering

Departmental achievements

Student's achievements :

Achievements in Inter-College Competitions

4. First Place in Inter-College Painting Competition - Hrittik Basu

Hrittik Basu's artistic prowess and unique style propelled him to the top spot in the fiercely contested Inter-College Painting Competition. His innovative approach and attention to detail set him apart, earning him well-deserved accolades and recognition for his exceptional talent.

5. First Position in Inter-College Singing Competition - Lipi Pandit

Lipi Pandit's melodious voice and captivating performances resonated with the audience and judges, securing her the first position in the Inter-College Singing Competition. Her passion for music and dedication to honing her skills were evident in her soulful renditions, establishing her as a rising star in the realm of vocal arts.

6. Third Place in Inter-College Painting Competition - Sumit Kumar Choudhary

Sumit Kumar Choudhary's artistic expression and creativity earned him the third place in the Inter-College Painting Competition. His ability to evoke emotions through his artwork and innovative use of colors showcased his talent and earned him recognition among his peers.

Department of Computer Science & Engineering

Departmental achievements

Student's achievements :

Achievements in Inter-College Competitions

7. Third Place in Inter-College Quiz Competition - Samir Sarfaraj

Samir Sarfaraj's sharp intellect and quick thinking secured him the third place in the challenging Inter-College Quiz Competition. His depth of knowledge and ability to think on his feet were instrumental in his success, making him a formidable competitor in the academic arena.

Each of these achievements reflects the dedication, talent, and perseverance of Sita Ram Tiwari, Wasim Akram, Priyanka Oraon, Hritik Basu, Lipi Pandit, Sumit Kumar Choudhary, and Samir Sarfaraj. Their accomplishments not only bring pride to their respective colleges but also inspire others to strive for excellence in their chosen fields.

Department of Computer Science & Engineering

Departmental achievements

Student's achievements :

➤ MOOCs Participations:

SAYAN DIRGHANGI has successfully completed the 30 hours training on “Augmented Reality” as part of Bolt TechnoShots program on 9 September, 2019.

KAUSTAV SHARMA has successfully completed the 30 hours training on “Augmented Reality” as part of Bolt TechnoShots program 9 September, 2019.

ARBAZ AHMED KHAN has successfully completed the 30 hours training on “Augmented Reality” as part of Bolt TechnoShots program 9 September, 2019.

ADITYA PRAJAPATI has successfully completed the 30 hours training on “Augmented Reality” as part of Bolt TechnoShots program 9 September, 2019.

ANJAN DAS has successfully completed the 30 hours training on “Metaverse” as part of Bolt from TechnoShots program on 24 February, 2020.

KOUSTAV DUTTA has successfully completed the 30 hours training on “Metaverse” as part of Bolt from TechnoShots program on 24 February, 2020.

Department of Computer Science & Engineering

Departmental achievements

Faculty's achievements :

Identifying Essential Proteins Using Modified-Monkey Algorithm (MMA)

Author: Anjan Kumar Payra

Field: Computer Science and Engineering

Journal: Computational Biology and Chemistry

ISSN: 1476-9271

Links:

[Paper](https://surtech.edu.in/naaccycle1/c3/3_3_1_2020_CSE_AKP_1_1.pdf), [Journal

Article](<https://www.sciencedirect.com/science/article/abs/pii/S1476927120300955>)

Summary:

Anjan Kumar Payra, in the domain of Computational Biology and Chemistry, introduces a novel approach to identifying essential proteins employing the modified-monkey algorithm (MMA). Essential proteins are pivotal in cellular processes and often serve as potential drug targets. Payra's method utilizes the MMA, inspired by the foraging behavior of monkeys, to efficiently sift through biological networks and pinpoint essential proteins. By leveraging this metaheuristic optimization algorithm, Payra's work aids in prioritizing proteins crucial for understanding disease mechanisms and drug discovery.

Department of Computer Science & Engineering

Departmental achievements

Faculty's achievements :

1. **Efficient Prioritization:** Anjan's approach offers a streamlined method for identifying essential proteins, enhancing the efficiency of drug discovery and therapeutic research.
2. **Novel Algorithm Application:** By applying the MMA, typically used in optimization problems, to computational biology, Anjan expands the repertoire of tools available for biological network analysis.
3. **Potential for Drug Development:** The identification of essential proteins lays the groundwork for targeted drug development, potentially leading to more effective treatments for various diseases.

Impact:

Anjan's research holds promise for advancing our understanding of biological systems and accelerating drug discovery efforts. By providing a robust methodology for identifying essential proteins, his work contributes to the broader goal of improving human health and combating diseases. Additionally, the application of MMA in computational biology opens avenues for interdisciplinary collaboration and innovation at the intersection of computer science and life sciences.

In conclusion, Anjan Kumar Payra's exploration of identifying essential proteins using MMA represents a significant advancement in computational biology and offers valuable insights for researchers in both academia and the pharmaceutical industry.

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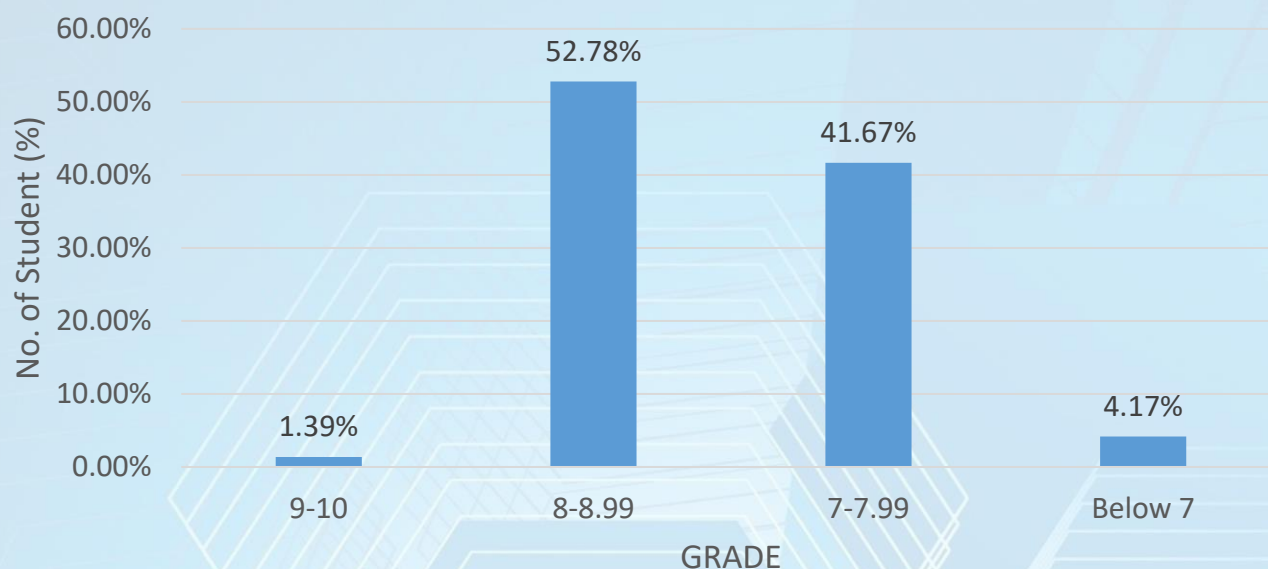
Department of Computer Science & Engineering

Result Analysis 2019-20

Department of CSE

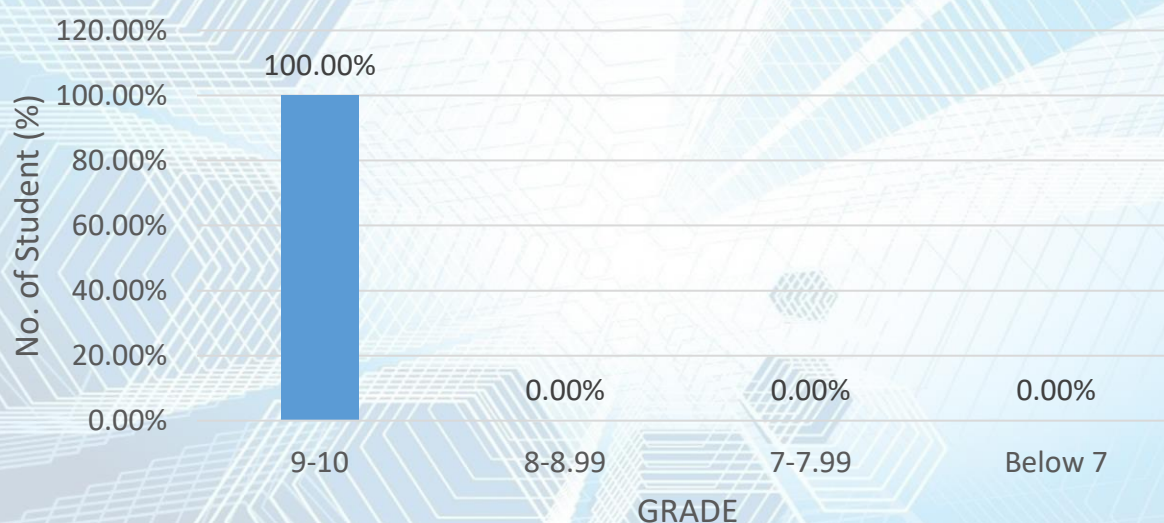
3rd Semester

SGPA-Wise Result Analysis (2019 ODD SEM 2ND YEAR)



4th Semester

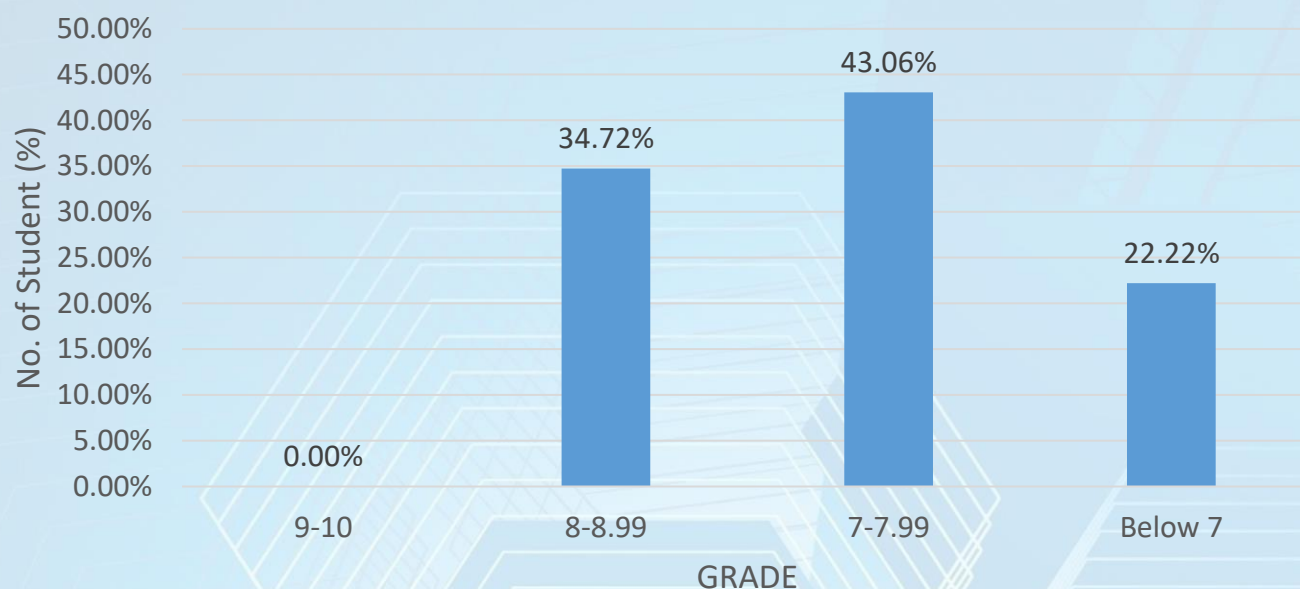
SGPA-Wise Result Analysis (2020 EVEN SEM 2ND YEAR)



Department of CSE

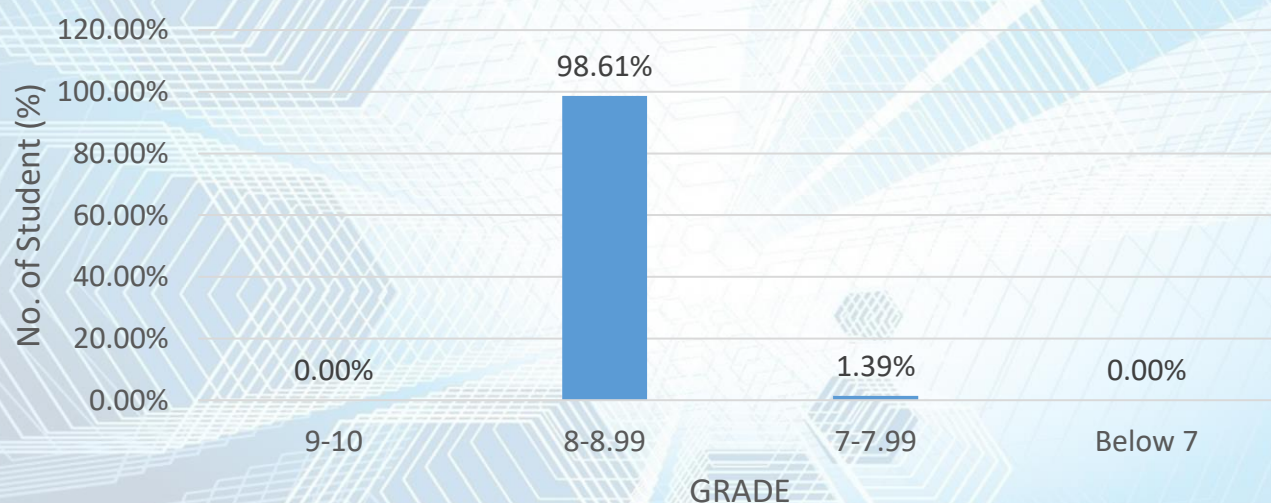
5th Semester

SGPA-Wise Result Analysis (2019 ODD SEM 3RD YEAR)



6th Semester

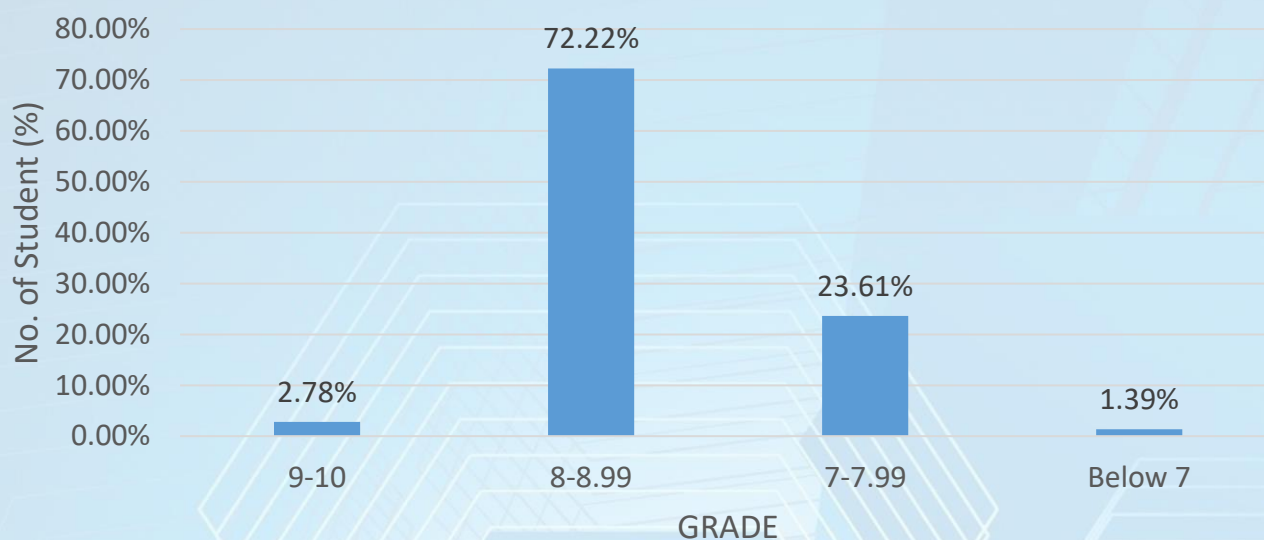
SGPA-Wise Result Analysis (2020 EVEN SEM 3RD YEAR)



Department of CSE

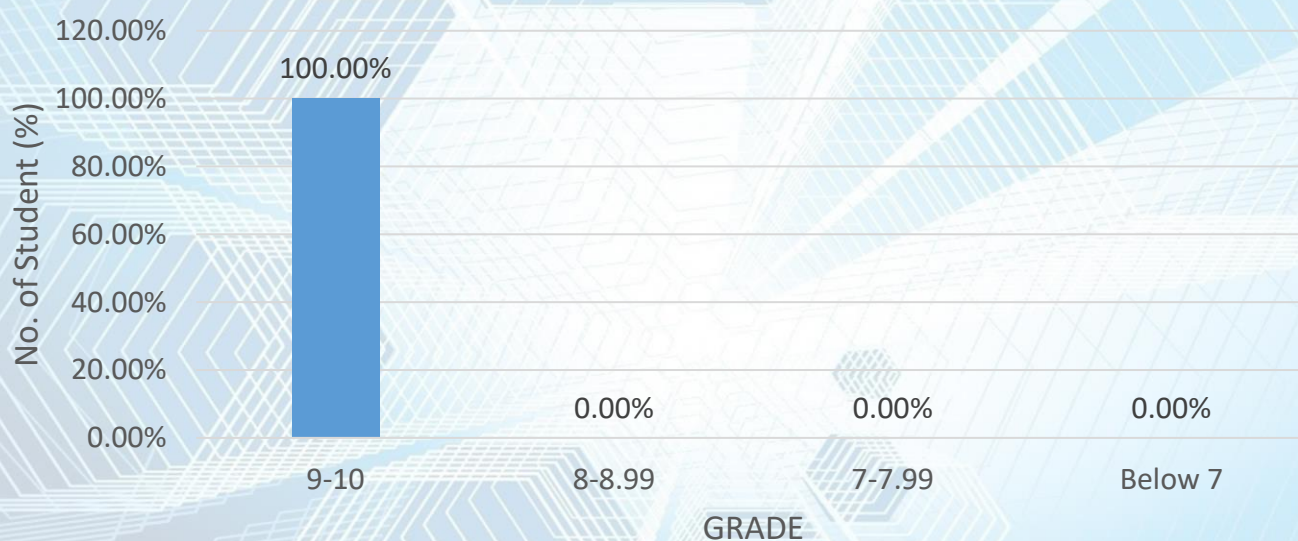
7th Semester

SGPA-Wise Result Analysis (2019 ODD SEM 4TH YEAR)



8th Semester

SGPA-Wise Result Analysis (2020 EVEN SEM 4TH YEAR)



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Department of Electronics and Communication Engineering

ANNUAL REPORT 2019-20

Department of Electronics and Communication Engineering

Vision of the department

To be recognized as an internationally acclaimed technical department by To create an educational environment to mould the students to meet the modern Electronics & Communication industry's challenges through state- of-the-art technical knowledge and innovative approaches. Our fundamental tenets are quality, equity, morality, environmental sustainability, energy- saving, and a strong dedication to the cause of technical education and service.

Mission of the department

DM1: To provide State-of-Art Technical Education.

DM2: To conduct research and innovation that will result in the manifestation of knowledge intellectual property.

DM3: To instill in students a sense of professional ethics and societal responsibility..

DM4: To inculcate teamwork and leadership to be industry-ready and employable.

DM5: To assist graduates in becoming an entrepreneur. skills in students

Department of Electronics and Communication Engineering

Program Outcomes

- * **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- * **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- * **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- * **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- * **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- * **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- * **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Department of Electronics and Communication Engineering

- * **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- * **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- * **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- * **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- * **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Department of Electronics and Communication Engineering

Program Educational Objective (PEO)

PE01: Knowledge of Basic Engineering Sciences: To demonstrate professional accomplishment in industry and academic organizations by demonstrating competence in mathematics, engineering fundamentals, electronics and communication engineering, and related subjects..

PE02: Engineering Design Skills: To provide the students with the required problem-solving abilities for general engineering design practice.

PE03: Problem Solving Ability: To develop engineering graduates who can solve problems and go onto advanced study and research in various fields.

PE04: Programming Skills: Exercising the computer programming skills in writing, testing and maintaining the programs for transforming every student to find employment in the field of Electronics, Science & Technology.

PE05: Technical Dexterity: To provide the knowledge of designing, building, and testing electronic systems for given specifications using hardware and software techniques in contemporary research and current industry trends.

PE06: Professional Competence: To implant professional and ethical mindset, strong communication skills, teamwork skills, leadership traits, management abilities in the students for a successful professional career and societal needs.

Department of Electronics and Communication Engineering

Programme Specific Outcomes (PSOs)

PS01: To analyze, design, and develop solutions for current issues, as well as to use technical expertise to create high- quality products for the electronics and communication-based industries.

PS02: To develop creative concepts and solutions in RF & Communication, Networking, Embedded Systems, and VLSI in order to adapt to new information and communication technologies.

PS03: The capacity to apply acquired technical knowledge to find employment in the electronics and communications industries as well as to succeed as an entrepreneur.

Department of Electronics and Communication Engineering

Brief Overview of the Department

The department of ECE started in 2009 with the capacity of 60 intakes in B.Tech and later added M.Tech courses in Communication Engineering in the year 2013. Both these courses are highly successful and the pass outs are able to contribute immensely in science and technology field.

Every year the successful students are placed in different upcoming domains such as modern telecommunication engineering, Nano technology, VLSI designs, embedded systems, high frequency RF technology, mobile communications, etc. The applicability of Electronics and Communication Engineering is in every aspect of modern technology and therefore it requires constant update with recent R&D practices. The students get enough opportunity to explore the fields of their interest while perusing their regular degrees.

Department of Electronics and Communication Engineering

HOD Message

Dear colleagues and students,

Being the Head of the Department of Electronics and Communication Engineering (ECE), of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex. I am delighted to express my thoughts about the departmental growth. It offers four years full time B-TECH program in ECE. The average passing result is excellent in the department. Almost 10-12% students scored above 9 DGPA. Apart from this we are running P.G. Programs, M-TECH. in Electronics & Comm. Engg. since 2013 The department of ECE offers premier professional technical training that keeps in pace with the latest developments in the field of Electronics and Communication Engineering. We have excellent infrastructure, highly experienced faculties and professionals, associated with research work which collectively ensure dynamic and vibrant environment in the campus. Some of the Faculty members of this department went to attend International Conferences in abroad.

Department of Electronics and Communication Engineering

The department has organized International & National Educational Programs Seminars, Workshops, Faculty Development Programs and Industrial tours). Events like Poster presentation, Technical Quiz contest, Chess completion and Table tennis competition are organized for the students by the department. There are more than 50 publications are done by the faculty & students in National & International Journals & Conferences Seven national patents are published by our faculty and staff members, . Many of our Alumni are settled in abroad and also many of the students are placed in so many reputed Govt sectors and Private Sectors Company and Research Organizations. There is also separate Departmental Library apart from the Central Library in the ECE department. There are many high valued simulation software are present in our department like Tanner SPICE, CADENCE, Matlab 2019b, Visual TCAD, HFSS, Qualnet, Active HDL, MPLS, Altera & Quartus II, TMS Kit with Code Composer Studio etc

Dr. Abhigyan Ganguly

HOD, Department of Electronics and Communication Engineering

Dr. Sudhir Chandra Sur Degree Engineering College

Department of Electronics and Communication Engineering

DEPARTMENTAL NEWS AT A GLANCE

Students' Achievement

List of Student Publication

1. M. Pal, M. Banerjee, J. Hazra, K. Choudhury, M. F. Ansary, B. Dobe, PIC microcontroller based smoke detector, Proceedings of Conference on New Age Electronics and Technology, 8-9th of May 2020. (published on July 2020)
2. S. Mukherjee, R. Chatterjee, S. Mondal, R. Saha, R. Saha, R. Sarkar, R. Roy, SK. Firozuddin, Solaric Tracer, Proceedings of Conference on New Age Electronics and Technology, 8-9th of May 2020. (published on July 2020)

Department of Electronics and Communication Engineering

DEPARTMENTAL NEWS AT A GLANCE

Faculty's achievements :

List of Faculty Publication

1. A.Sengupta, S.K.Gill, A. Das, D. De, Mobile edge computing based Internet of Agricultural Things, Mobile Edge Computing, Springer, ISBN: 978-3-03069892-B.
2. B.Debnath, A. Das, S. Ghosh, A. Sengupta, A. Das, Sustainable Utilization Of Waste Biomass Via Thermo-Chemical route in India: Findings from the Case Studies Success stories and Solution Approach, European Biomass Conference and Exhibition Proceedings, 2021, DOI:10.5071/29thEUBCE2021-3BV.2.10.[SCOPUS]

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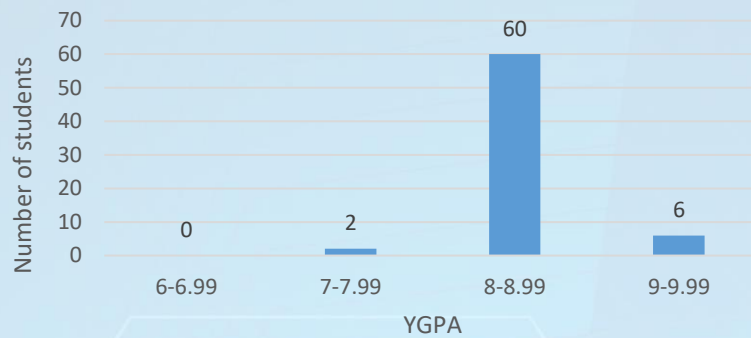
Department of Electronics and Communication Engineering

Result Analysis 2019-20

Department of Electronics and Communication Engineering

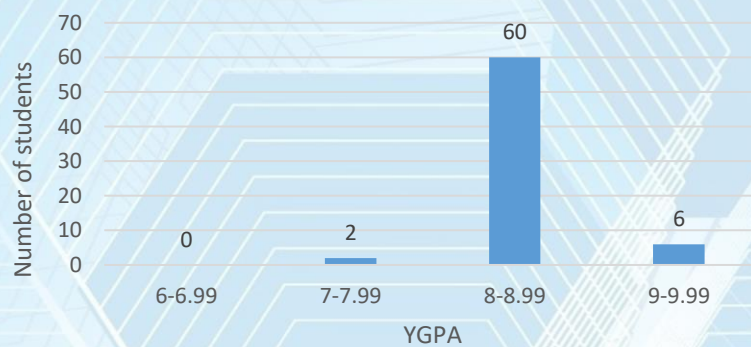
2nd Year

ECE, 2nd Year



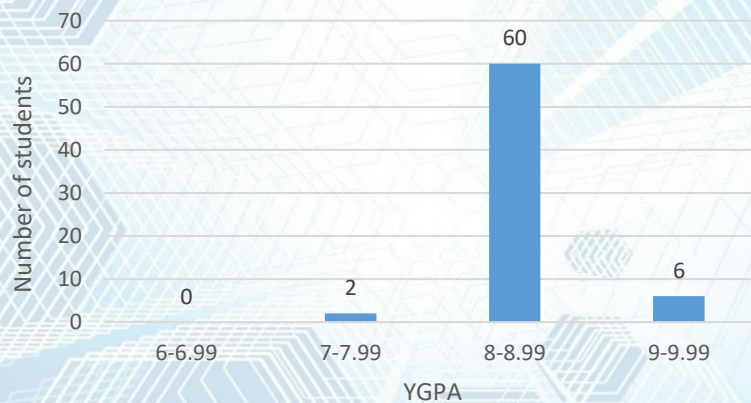
3rd Year

ECE, 3rd Year



4th Year

ECE, 4th Year



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Department of Electrical Engineering

ANNUAL REPORT 2019-20

Department of Electrical Engineering

Vision of the department

To create an ethical human resource proficient, in domains related to Electrical Engineering, for a successful career in the service of society.

Mission of the department

DM1: To impart quality education and training in Electrical Engineering with an overall background suitable for making a successful Engineer in industry and researcher higher education.

DM2: To develop life-long learning skills that allows them to be adaptive and responsive to changes in society, technology and the environment, as well as career demands.

DM3: To provide an accredited dynamic scholarly environment wherein students learn to develop communications and leadership abilities to blossom as a professional.

DM4: To ensure that every graduate is aware of the roles and responsibilities of the professional engineer in society through exposure to ethics, equity, safety and health considerations

Department of Electrical Engineering

Program Outcomes

- * **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- * **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- * **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- * **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- * **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- * **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- * **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Department of Electrical Engineering

- * **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- * **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- * **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- * **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- * **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Department of Electrical Engineering

Program Educational Objective (PEO)

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 a social context.

PEO4: Graduates will excel in a competitive environment towards leadership and life-long learning which is needed for a successful professional career.

Department of Electrical Engineering

Programme Specific Outcomes (PSOs)

PSO 1: Graduates will be able to solve real-life problems of power systems 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.

Department of Electrical Engineering

Brief Overview of the Department

The Department of Electrical Engineering was established in the year 2011 at the very inception of Dr. Sudhir Chandra Sur Degree Engineering College. The department started with a 4-year B.Tech course with an intake capacity of 60 seats. It has an eminent pool of highly experienced academicians and industry persons as faculty and technical staff members.

Electrical Engineering is a professional core engineering discipline that deals with the generation of electricity from different power plants, the design of power plants, the transmission of the generated power using transmission lines, the design of transmission and distribution systems, medium voltage and high voltage transmission of power, distribution of generated power to different industries, commercial customers, domestic consumers and also in agricultural areas. This discipline also deals with designing different machines for power plants, industry applications, home appliances, and many more.

Electrical engineering takes place in the public sector from municipal through to national governments, and in the private sector from IT (to handle projects related to electrical engineering and many more) through to international companies.

Started in the year 2011, the Department of Electrical Engineering prepares students to address the most compelling real-world electrical challenges, backed by sound knowledge, integrity, research, and innovation.

With state-of-the-art infrastructure, faculty of the highest professional standards, a carefully crafted curriculum, active industry-academia collaborations, and global exposure, the Department of Electrical Engineering, DSCITSC, provides students with focused knowledge and practical skills, research, and innovation along with value-added training to prepare them for job ready.

Department of Electrical Engineering

HOD Message

Welcome to the Department of Electrical Engineering, Dr. Sudhir Chandra Sur Degree Engineering College, Dumdum, Kolkata. Electrical Engineering (EE) is the front runner because of its recent recognition and adoption by all industries and academia, thereby gaining the self-confidence of our students to compete successfully with all competitive disciplines. It imparts quality education in multifarious disciplines of Electrical, Electronics, Computer Science, Control Engineering, etc. along with generation, transmission, and distribution of electrical power and a set of subjects especially focusing on the performance and design of DC, AC, and Special Electric Machines. The focus of the department is to imbibe the students with potential through broad exposure to all aspects that facilitate their all-round development.

The department has a dedicated team of faculties with a wide spectrum of specializations such as Power Electronics, Power Systems, Control systems, Industrial Drives, hybrid vehicles, computer engineering, and High Voltage for green energy. The course has a healthy blend of Power Engineering, Electronics, and Computer Engineering. The course pattern is planned to keep the students up-to-date with recent trends by organizing regular training, e-learning through MOOC, industrial visits, workshops, conferences, faculty development programs, etc. The students are provided a platform to think, express, and exhibit their skills.

Department of Electrical Engineering

We produce graduates to become future leaders in industry, academia, government, and society in India whose vision is founded upon fundamental knowledge, creative and analytical skills, local/regional perspective, and ethics. Through a good blend of coursework and projects, the department endows students with the ability to apply knowledge of science, mathematics, and engineering to work effectively in multidisciplinary teams, provide leadership and technical expertise, and practice engineering with ethical approaches and concern for society and the environment.

On the whole, we are committed to creating and erecting a professional graduate community that is vivacious and provides continuous learning. We encourage students, parents, and prospective faculty members to go through the information provided on the website and join us.

Dr. Sayantan Chakraborty

HOD & Associate Professor

Department of Electrical Engineering

Dr. Sudhir Chandra Sur Degree Engineering College

Department of Electrical Engineering

DEPARTMENTAL NEWS AT A GLANCE

Department of Electrical Engineering organized the following events:

- One-day workshop on "Modern control techniques of electric motors", Speaker-Dr. Debasish Chatterjee, Professor, EE dept., JU, on 29th August, 2019
- An Industry visit to Diamond Beverages Pvt. Ltd. (Cocacola), Taratala, on 17th October, 2019
- An Innovative idea Competition organized by EE, on 25th October, 2019
- An Industry visit to Tathagata Engineering Works, on 14th February, 2020
- An International Conference organized by EE, "Recent Trends and Technologies in Engineering and Science-2020 (ICRT2ES-2020)", on 15th March-16th March
- A Webinar on Applications of eCAD in Electrical Engineering organized by Department of Electrical, Ardent Computech Pvt Ltd, on 9th April 2020.
- A Webinar on Internet of Things (IoT), Ardent Computech Pvt Ltd, on 15th April, 2020,
- A Webinar on Electrical Machine Design using E-CAD, Ardent Computech Pvt Ltd, on 24th April, 2020
- A Webinar on "Ment-EE $\Rightarrow$ OR----Transition from Mentee to Mentor", Udit Dey, Soudip Sarkar, Sagnik Dutta, Student EE 4th year, 27th April, 2020.
- A Webinar on PLC & SCADA on 8th May 2020 by Dept. of Electrical Engineering, Mr. Joydeep Nath, Senior Technical Expert, Micropro Pvt. Ltd., 8th May, 2020.
- Five day FDP on Arduino organized by EE& Mico-Pro Pvt Ltd. Mr. Joydeep Nath, Senior Technical Expert, Micropro Pvt. Ltd., 11th – 15th May, 2020.
- Mr. Prathita Roy and Mrs. Rumrum Banerjee have participated in a Seminar on Intellectual Property (IP) Management at Early Stage of Innovation and Start-ups organized by MHRD's innovation Cell on 07.05.2020
- Mr. Prathita Roy and Mrs. Rumrum Banerjee have participated in a Seminar on Innovating Self-Screen and Identify right opportunities organized by MHRD's innovation Cell on 13.05.2020
- Mr. Prathita Roy has organized a Webinar on " 'Ment-EE $\Rightarrow$ OR----Transition from Mentee to Mentor' " on 27.04.2020 under the aegis of Institute of Engineers, India, Student Chapter

Department of Electrical Engineering

Departmental achievements

Student's achievements :

- Umesh Pandit, EE-4th got 1st Prize for “Electrostatic Precipitator “,in Innovative Idea Competition-2019.
- Umesh Pandit, EE-4th got 2nd Prize for “Wireless transmission line”,in Innovative Idea Competition-2019.
- Soudip Sarkar,Izaz Ahamed,Kinkar Mondal,Ayan Banerjee, got 3rd prize for “HOME AUTOMATION USING IOT”, in Innovative Idea Competition-2019.
- “CR-EATIVE-IDEA-COMPETITION” organized by EE, on 10th April,2020,got 1st Position-Ria_SHAW,EE-3rd-Year,2nd Position - Dhruva Kishor Chakraborty & Alankita Acharjee, EE 2nd Year ,3rd Position - Izaz Ahmed, Sagnik Dutta, Ayan Banerjee, Aashika Mukherjee & Sumit Mishra, EE 4th Year (jointly) .
- SOUVIK DUTTA, AVIJIT HALDER ,ARITRA DAS, ARIJIT DEY, SUDIP DAS (EE-2022 passout batch) have presented paper at International Conference on "Recent Trends and Technologies in Engineering and Science – 2020 (ICRT2ES-2020) titled “AUTOMATIC POWER FACTOR COMPENSATOR USING ARDUINO UNO” under the guidance of Mr. Prathita Roy

Department of Electrical Engineering

Departmental achievements

Student's achievements :

- Soudip Sarkar (EE-2022 passout batch) has presented paper at International Conference on "Recent Trends and Technologies in Engineering and Science – 2020 (ICRT2ES-2020) titled “Review on Different Techniques used in MPPT for PV Applications”
- Suswagata Satpathy (EE-2022 passout batch) has presented paper at International Conference on "Recent Trends and Technologies in Engineering and Science – 2020 (ICRT2ES-2020) titled “UNDERGROUND CABLE FAULT DETECTION USING ARDUINO” under the guidance of Mr. Anirban Chowdhury
- Ria Shaw, Sumanta Naskar (EE-2021 passout batch) presented paper at International Conference on "Recent Trends and Technologies in Engineering and Science – 2020 (ICRT2ES-2020) titled “A Review on the Advanced Techniques Used for the Capturing and Storage of CO₂ from Fossil Fuel Power Plants ”under the guidance of Mr. Anirban Chowdhury and Mr. Tanmay Das.
- Tanshu kr. Ray Chowdhury, Udit Dey, Suvajit Maity, Debadeep Sen, Priyanka Dey (EE-2022 passout batch) have presented paper at International Conference on "Recent Trends and Technologies in Engineering and Science – 2020 (ICRT2ES-2020) titled “Speed and Direction Control of DC Motor using GSM and GPRS Technologies” under the guidance of Mrs. Rumrum Banerjee

Department of Electrical Engineering

Departmental achievements

Faculty's achievements :

- R. Banerjee and A. Biswas, "Analysis Of Higher Order System Using Hybrid Functions Model Order Reduction Techniques," 2020 International Conference on Computer, Electrical & Communication Engineering (ICCECE), Kolkata, India, 2020, pp. 1-6, doi: 10.1109/ICCECE48148.2020.9223083.
- Chowdhury, A., Roy, R., & Mandal, K. K. (2019). Optimal Single Point Injection of PV based DG Maximizing Technical, Social and Environmental Benefits in Radial Distribution Systems using JAYA Algorithm. Power Research - A Journal of CPRI, 39-45. <https://doi.org/10.33686/pwj.v15i1.144728>.
- A. Chowdhury, R. Roy and K. K. Mandal, "Optimal allocation of wind based DG for enhancement of technical, economic & social benefits using Cuckoo Search Algorithm for radial distribution networks," 2020 International Conference on Computer, Electrical & Communication Engineering (ICCECE), Kolkata, India, 2020, pp. 1-6, doi: 10.1109/ICCECE48148.2020.9223085.
- T. Das, R. Roy and K. K. Mandal, "Optimal Reactive Power Dispatch based on Modified JAYA Algorithm," 2020 International Conference on Computer, Electrical & Communication Engineering (ICCECE), Kolkata, India, 2020, pp. 1-7, doi: 10.1109/ICCECE48148.2020.9223111.

Department of Electrical Engineering

Departmental achievements

Faculty Publications :

R. Roy, T. Das and K. K. Mandal, "Optimal Reactive Power Dispatch for Voltage Security using JAYA Algorithm," 2020 International Conference on Convergence to Digital World - Quo Vadis (ICCDW), Mumbai, India, 2020, pp. 1-6, doi: 10.1109/ICCDW45521.2020.9318700.

A. Chowdhury, R. Roy and K. K. Mandal, "Techno-socio-economic improvements due to optimal location of EV charging station at IEEE 22 bus using Cuckoo Search Algorithm," 2022 22nd National Power Systems Conference (NPSC), New Delhi, India, 2022, pp. 77-81, doi: 10.1109/NPSC57038.2022.10069267.

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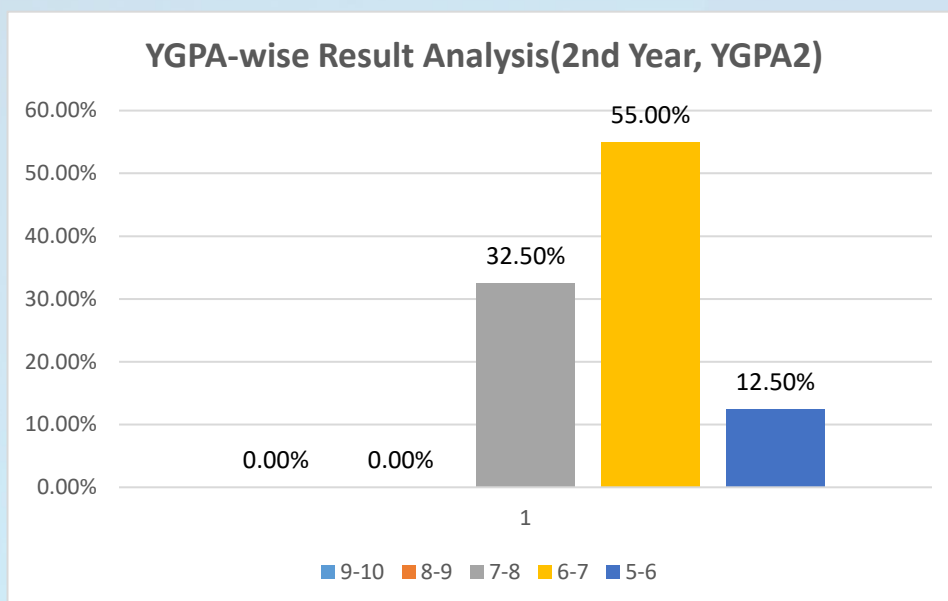
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Department of Electrical Engineering

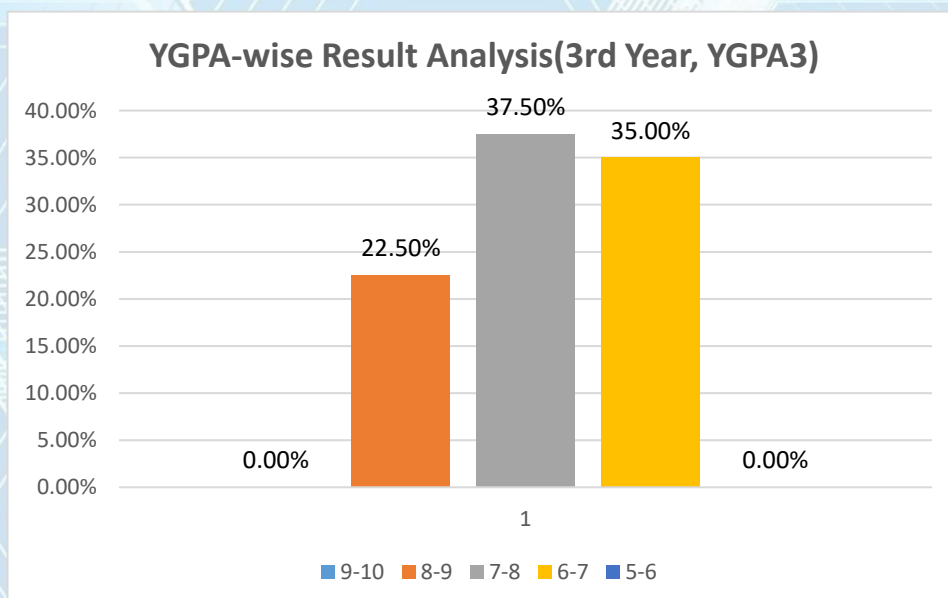
Result Analysis 2019-20

Department of Electrical Engineering

2nd Year

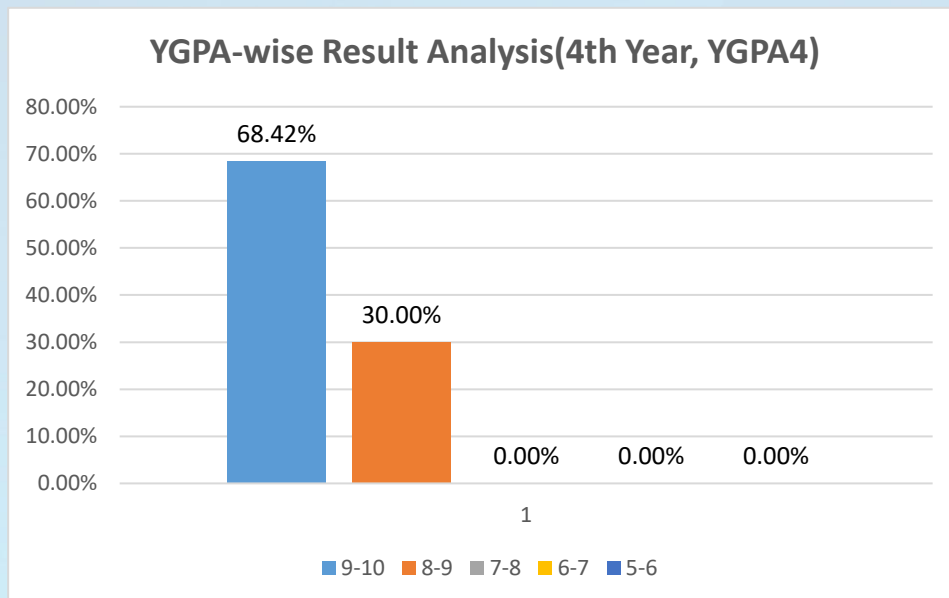


3rd Year



Department of Electrical Engineering

4th Year



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Department of Mechanical Engineering

ANNUAL REPORT 2019-20

Department of Mechanical Engineering

Vision of the department

To become a top teaching-cum-research Department in Mechanical Engineering in the country through an exemplary system that leads to entrepreneurship, innovation, values and quality.

Mission of the department

- M1: To impart total quality education through effective hi-tech teaching-learning techniques and department-industries collaboration.
- M2: To mold the young dynamic potential minds to emerge as full-fledged future professionals so as to achieve top ten ranking status in the national level.
- M3: To achieve international standards to fulfill the Government's "Make In India" industrial policy through innovation and research.

Department of Mechanical Engineering

Program Outcomes

- * **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- * **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- * **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- * **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- * **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- * **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- * **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Department of Mechanical Engineering

- * **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- * **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- * **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- * **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- * **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Department of Mechanical Engineering

Program Educational Objective (PEO)

PEO1: To enhance the knowledge of the under graduates with fundamental Science of Engineering & Technical abilities.

PEO2: To develop high level of technical competency combined with research and problem-solving skills to generate innovative solutions in Mechanical Engineering and/or related interdisciplinary areas.

PEO3: To expand capability of methodological approach for taking decision and designing.

PEO4: To promote awareness towards socio-economic and energy related challenges and enhance professional as well as communication skill and perform as a team.

Department of Mechanical Engineering

Programme Specific Outcomes (PSOs)

PSO1: Graduates will be able to apply necessary mathematical and advanced software tools for design, analysis and fabrication of components used in the field of mechanical engineering.

PSO2: Students will be able to gain knowledge about engines, machineries and develop critical skills to analyze the cause and effect of complicated mechanical processes.

PSO3: Graduates will be able to gain team spirit for working in industrial projects as well as pursuing higher studies to contribute in mechanical engineering research and development.

Department of Mechanical Engineering

Brief Overview of the Department

The Department of Mechanical Engineering was established in the year 2009 at the very inception Dr. Sudhir Chandra Sur Degree Engineering College. The department started with a 4 years B.Tech course (Capacity 30 Students) and later on, Master of Technology (Capacity 18 Students) came into being in 2012. Mechanical engineering is one of the most sought-after core streams of engineering disciplines with multidisciplinary fields of work. The department is flourished with excellent laboratory facilities with a wide range of learning facilities, high quality teaching and laboratory staff. The Department stresses upon all round development of the students by personal interaction between the staff and students beyond stipulated working hours and available for guidance even after they have passed out of the college. The Department aims at producing employable engineers who are capable of contributing meaningfully to the society.

Department of Mechanical Engineering

HOD Message

I am happy to present our current special issue of the NEWS LETTER “TRIUMPH” i.e. “VICTORY” over pandemic situation due to COVID19 as a replication of departmental activities.

A disease is termed as a pandemic when it spreads all over the globe and in most countries of the world. COVID-19 was declared as a pandemic by WHO (World Health Organization) after its spread was confirmed in more than 100 countries. Since the time COVID-19 came to India, there have been new terms emerging every day. From pandemic, social distancing to quarantine, there are many newer terms which were introduced to us during this period.

Though government has been trying to make it as clear as possible for the general public. India is now following lockdown and practice social distancing or home quarantine. But **“Health care workers, police force and other social workers”** are doing their duties on the frontlines against **COVID-19**.

We might say ‘hero’ too much these days, for their courageous, selfless and kind. Their determination to help others, at risk to yourself, is truly inspiring.

I appreciate my team members for their continuous effort in bringing out this newsletter and this time exclusively our struggle against COVID19. It gives me immense pleasure in seeing the articles by faculty and students on different activity and the department of mechanical engineering seems to be pro-active in organizing many online programs. We are very much grateful to the **Principal, DSCSDEC** and management of **JIS group** for their blessing and support to accomplish all such kind of activities.

Dr. Prabhas Bose

HOD, Department of Mechanical Engineering

Dr. Sudhir Chandra Sur Degree Engineering College

Department of Mechanical Engineering

MECHANICAL DEPARTMENTAL NEWS AT A GLANCE

Name of Activity	Date	Name of Activity	Speaker name/ organization
PTM	10.04.20	Parent Teacher Meeting	ME DEPARTMENT, DSCSDEC
Webinar	13.04.20	Technical workshop on CATIA AND AUTOCAD	ARDENT COMPUTECH PVT LTD
Webinar	17.04.20	Potential Job Opportunities in Metal Industries	Professor. (Dr.) Goutam Sutradhar, Director NIT, Manipur
Webinar	20.04.20	Introduction to machine tool and tool nomenclature	Professor. (Dr.) John Deb Barma, Associate Professor NIT, Agartala.
Webinar	23.04.20	Vehicle/Product development Cycle"	Mr. Padmesh Sewda, Validation Leader- Renault Global Projects, RNTBCI.
Webinar	24.04.20	Genetic Algorithm	Dr. Priyabrata Mahapatra, Assistant Professor, KIIT University, Bhubaneswar
Alumni meet	25.04.20	We connect	ME Dept, DSCSDEC
Webinar	26.04.20	Automotive Industry- Future & Opportunity	Mr. Rajiv Ranjan Choudhary, Area Manager Service- Odisha, Hero Motorcorp Ltd.
Webinar	29.04.20	Automotive Performance Development	Ms. Adrita Roy, Honda R&D Asia Pacific Co Ltd
Webinar	01.05.20	Application Of Fluid Mechanics In Designing Microsink	Dr. Aparesh Dutta, Assistant professor NIT, Durgapur

Department of Mechanical Engineering

MECHANICAL DEPARTMENTAL NEWS AT A GLANCE

Student's achievements :

Student of the Department of Mechanical Engineering published the departmental wall magazine "**SANKALP**". In the wall magazine the students have put up their creative ideas during the lockdown period in the form of paintings, writing poems, stories, creative art, photography, and videography.

The department of mechanical engineering had organised an industrial visit for our 3rd and 4th year students at RADIX ARC PVT. LTD. on 12th March 2020. Students were accompanied by departmental faculty Mr. Subhendu Pal and Technical Assistant Mr. Tanmoy Das.

All the students of the Department of Mechanical Engineering actively came forward and took initiatives to participate different social activity and awareness programs by their own. All faculty members also motivated and guided them at this hour of great crisis. Sharing social awareness photos and videos related to COVID19 AND LOCKDOWN through online digital platforms and social media. Distributed food to help the poor and needy person.

Students of the Department of Mechanical Engineering won the cricket tournament held at the annual sports of our college.

To commemorate the 159th Birth Anniversary of India's heritage, "Kabi Guru" Rabindranath Tagore, all the students of our department took active participation. During this lockdown period students gladly took this opportunity to perform some cultural activities for recalling this magnanimous personality.

Department of Mechanical Engineering

Departmental achievements

Faculty Publications :

Sen R, Choudhuri B, Barma JD, Chakraborti P. An investigation on the effect of different coated electrodes on the surface quality of WEDM by varying discharge energy level. The International Journal of Advanced Manufacturing Technology. 2020 Feb;106:3285-99.

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Department of Mechanical Engineering

Result Analysis 2019-20

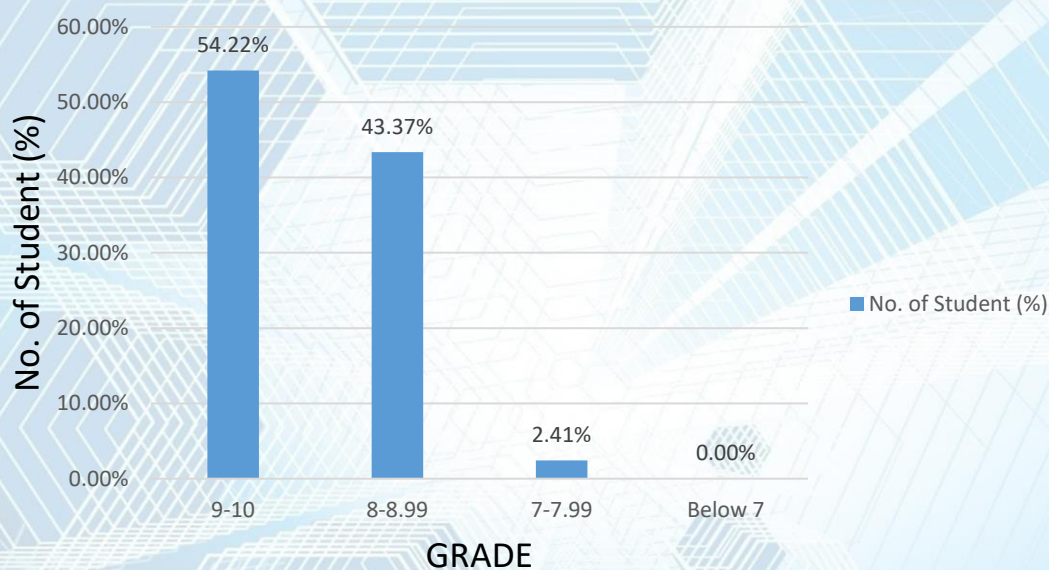
Department of Mechanical Engineering

Result Analysis

YGPA-Wise Result Analysis (2nd Year, YGPA 2)

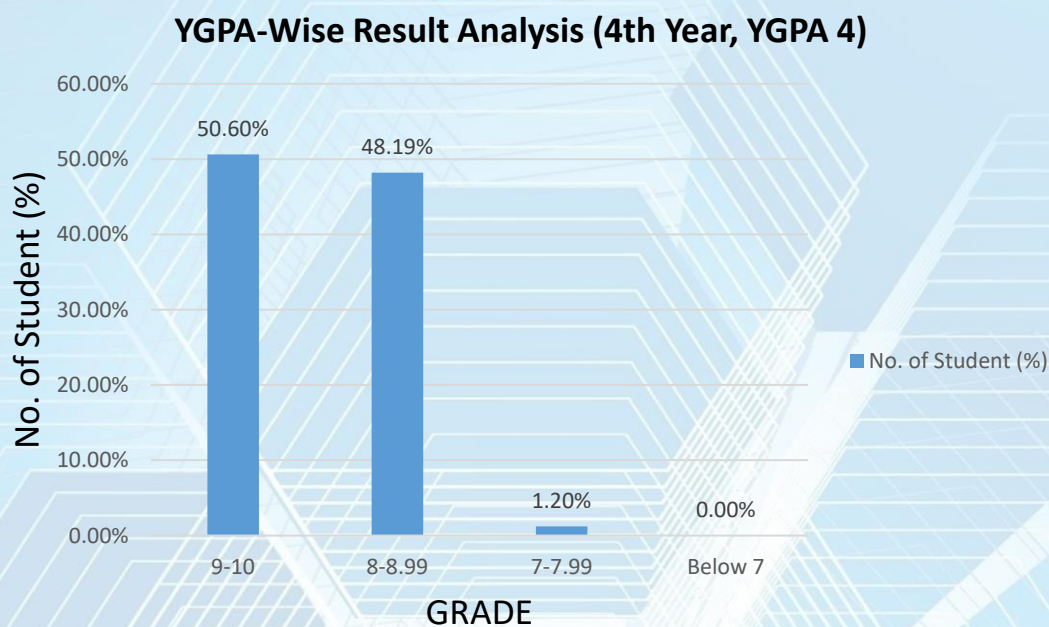


YGPA-Wise Result Analysis (3rd Year, YGPA 3)



Department of Mechanical Engineering

Result Analysis



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Research & Publications 2019-20

Patent filed

➤ IPR FILED/PUBLISHED/GRANT

SL.NO	APPLICATION NUMBER	JOURNAL NO.	TITLE OF THE PATENT	INVENTORS' NAME	DATE OF FILED	DATE OF PUBLISHED	STATUS
1.	201931054688	22/2020	Methods and Apparatus For Dynamic Lighting System	Anirbit Sengupta	31/12/201 9	29/05/2020	Publishe d
2.	201931044529	15/2020	Methods and Apparatus For Microcontroller Based Automated Shadow Lighting System(ASLS)	Anirbit Sengupta	04/11/201 9	10/04/2020	Publishe d
3.	201931026807	32/2019	Gesture Controlled Wheelchair	Dr. Saradindu Panda	04/07/201 9	09/08/2019	Publishe d

Publications

Number of research papers published per teacher in the Journals notified on UGC care list

Sl. No	Title of the Paper	Name of the Author/s	Department of the teacher	Name of the Journal	ISSN number
1	Identifying essential proteins using modified-monkey algorithm (MMA)	Anjan Kumar Payra	Computer Science and Engineering	Computational Biology and Chemistry	1476-9271
2	A comparative study of meta heuristic model to assess the type of breast cancer disease	Mallika De	Computer Science and Engineering	IETE Journal of Research	0377-2063
3	A New Method of Lighting Using Internet of Things and Gesture	Madhusmita Mishra	Computer Science and Engineering	Journal of Emerging Technologies and Innovative Research	2349-5162
4	Cyber Threats in Artificial Intelligence	Anirbit Sengupta	Electronics and Communication Engineering	International Journal of Computer Sciences and Engineering	2347-2693
5	Behavioural Study of R/C Natural Draught Cooling Tower under Gravity Load using Different Support Orientations	Baibaswata Das	Civil Engineering	International Journal of Engineering and Advanced Technology	2249-8958
6	Assessment of Water Surface of Reservoirs with Varying Time and Increasing Population in Contai of West Bengal	Souvik Chakraborty	Civil Engineering	Reason-A Technical Journal	2277-1654
7	Examining the extent of seawater intrusion from groundwater quality analysis at Purba Medinipur coast of India	Souvik Chakraborty	Civil Engineering	Journal of the Indian Chemical Society	0019-4522
8	Increasing threat on groundwater reserves due to seawater intrusion in Contai belt of West Bengal	Souvik Chakraborty	Civil Engineering	Journal of the Indian Chemical Society	0019-4522
9	Analysis of Arsenic Content in Groundwater over the Years of Coastal Belt at Purba Medinipur in West Bengal	Souvik Chakraborty	Civil Engineering	Indian Science Cruiser	0970-4256
10	Design of Green Building with Practical of Manual	Sushovan Sarkar	Civil Engineering	Indian Journal of Environmental Protection	0253-7141
11	Fungal contamination and exposures in different water resources, hazards and remediation	Sushovan Sarkar	Civil Engineering	Journal of the Indian Chemical Society	0019-4522

Publications

Books and Chapters in edited volumes/Books Published and Papers Published in National/ International Conference Proceedings

Sl. No	Name of the teacher	Title of the book/Chapter/conference Published	Title of the paper	Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher	Link of chapter/book website	ISBN Info Document
1	Madhusmita Mishra	International conference Sustainable Environmental Engineering and Science (SEES) 2019	Assessment on Prevention of Groundwater Contamination	2020	978-981-15-6887-9	Springer Singapore	https://doi.org/10.1007/978-981-15-6887-9_3	978-981-15-6887-9
2	Souvik Chakraborty	International Conference on Contemporary Issues in Computing (ICCIC 2020)	Present Scenario Of Groundwater Table In Saline Prone Areas Of Purba Medinipur In West Bengal, India	2020	978-1-948012-16-4	Volkson Press	https://doi.org/10.26480/cic.01.2020.09.13	978-1-948012-16-4

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Committee List 2019-20

Committee List

Board of Governors (BOG)

Sl No.	Name	Particular	Position
1	Dr. SM Chatterjee	Educationist	Chairman
2	The Regional Director	AICTE, Eastern Regional Office	Member
3	Mr. Partha Ghosh	State Govt. Nominee	Member
4	Prof. Narayan Banerjee	MAKAUT Nominee	Member
5	Mr. Taranjit Singh	Managing Trustee, JIS Foundation	Member
6	Mr. Haranjit Singh	Trustee Member, JIS Foundation	Member
7	Mr. Amrik Singh	Trustee Member, JIS Foundation	Member
8	Mr. Simarpreet Singh	Trustee Member, JIS Foundation	Member
9	Mr. Harjot Singh	Trustee Member, JIS Foundation	Member
10	Mr. Amanjot Singh	Trustee Member, JIS Foundation	Member
11	Mr. U. S. Mukherjee	Deputy Director, JIS Group	Member
12	Mr. Amit Srivastava	Managing Director, Hash Technology	Member
13	Dr. Asit Guha, Advisor	JIS Group (Educationist)	Member
14	Dr. Biswabandhu Chatterjee	Convener, R&D Cell, DSCSDEC	Member
15	Mr. Vivek Shaw	BSHU & In-charge, Exam Cell	Member
16	Ms. Amrita Chadha	Dept. of Administration, DSCSDEC	Member
17	Dr. Om Prakash Sharma	Principal, DSCSDEC	Member Secretary

Committee List

Academic Council

1	Prof. (Dr.) Om Prakash Sharma, Principal	Admin	Chairman
Three Nominees of MAKAUT, WB			
2	Prof. (Dr.) Debashis De, Professor, MAKAUT	External	University Nominee
Experts / Academicians from Outside the College Nominated by Governing Body			
3	Prof. Dr. Goutam Sutradhar, Director, NIT Manipur	External	External Academic Expert
4	Mr. Atanu Chowdhury, Deputy General Manager- HR & IR, Electro steel Castings LTD	External	Industry Expert
Dean (Academics), IQAC Coordinator & Controller of Exam			
5	Mr. Vivek Shaw	BSH	Member Secretary
6	Ms. Amrita Chadha	Admin	Member
All the Heads of Department			
7	Dr. Sushovan Sarkar, HOD	CE	Member
8	Dr. Mallika De, HOD	CSE	Member
9	Dr. Abhigyan Ganguly, HOD	ECE	Member
10	Dr. Prasun Dutta, HOD	AUE	Member
11	Dr. Sayantan Chakraborty, HOD	EE	Member
12	Mr. Subhasish Halder, TIC	ME	Member
13	Dr. Dipankar Das, HOD	BSH	Member
Four Teachers representing different categories			
14	Dr. Jayanta Mondal, Faculty	CSE	Member
15	Dr. Sangeeta Jana Mukhopadhyay, Faculty	ECE	Member
16	Ms. Madhusmita Mishra, Faculty	CSE	Member
17	Mr. Kalyan Mukherjee, Faculty	AUE	Member

Committee List

Other Institutional Committee

SI No	Committee Name
1	BOG Committee
2	Institutional Academic Committee
3	Internal Quality Assurance Cell
4	Finance Committee
5	Disciplinary & Grievance Redressal
6	Anti - Ragging Committee
7	Anti - Ragging Squad
8	Internal Complaint Committee
9	SC & ST Committee
10	Academic Council
11	Exam Cell
12	Store & Purchase Committee
13	Library Committee
14	Innovation & Incubation Cell
15	Industry Institute partnership Cell
16	Training & Placement Cell
17	Research & Development Cell
18	Student Life Centre & Extracurricular Committee
19	Admission Cell
20	Academic & Administrative Audit Committee
21	Alumni Cell
22	Extra Curricular & NSS Activities Committee
23	Women Cell
24	Sports Committee
25	Canteen Committee
26	EDC Cell
27	Science & Technology Committee
28	Hostel Committee
29	Student Affair/ Welfare Committee
30	Timetable Committee

Contributors Names

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