



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

ANNUAL REPORT

2018-19

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

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)	11
7	NSS Activity Reports	25
8	Club Activity Reports	55
9	Institutional Organogram	125
10	Administrative Heads	126
11	Departmental Heads	127
12	Admission Report	128
13	Scholarship	129
14	Training & Placement	132
15	Higher Study	145
16	Library Resources	148
17	Memorandum of Understanding (MoU)	151
18	IT Resources	155
19	Department of Basic Science and Humanities	159
20	Department of Civil Engineering	172
21	Department of Automobile Engineering	188
22	Department of Computer Science & Engineering	199
23	Department of Electronics and Communication Engineering	219
24	Department of Electrical Engineering	230
25	Department of Mechanical Engineering	245
26	Research & Publications	259
27	Committee List	262

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! Established in 2009, our institute has been a beacon of knowledge, innovation, and progress for over a decade. As we embark on this virtual journey through our website, we are thrilled to provide you with a glimpse into our vibrant academic community. Our institution is dedicated to nurturing young minds and shaping them into competent engineers and responsible global citizens. Over the years, we have maintained a commitment to academic excellence and holistic development. Our esteemed faculty members, who are experts in their respective fields, provide a nurturing environment that fosters learning, research, and critical thinking.

At Dr. Sudhir Chandra Sur Degree Engineering College, we don't just focus on textbook knowledge. We emphasize practical skills, ethics, and character development. We believe in producing engineers who are not only technically proficient but also have a strong moral compass. This approach prepares our graduates to excel in their careers while contributing positively to society.

Our state-of-the-art facilities and laboratories provide students with the tools they need to explore, innovate, and conduct research. We encourage our students to dream big and to chase their ambitions with dedication and passion.

Our institute is not just about education; it's about fostering a sense of community and belonging. Our diverse student body creates a rich tapestry of cultures, backgrounds, and experiences. We celebrate this diversity and believe it enriches our learning environment.

Thank you for visiting our website, and we look forward to welcoming you to our esteemed institution. Together, let's continue to strive for excellence and create a brighter future for all.

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.

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

Awards & Association 2018-19

Awards & Association



Awards & Association

Other Association



Confederation of Indian Industry

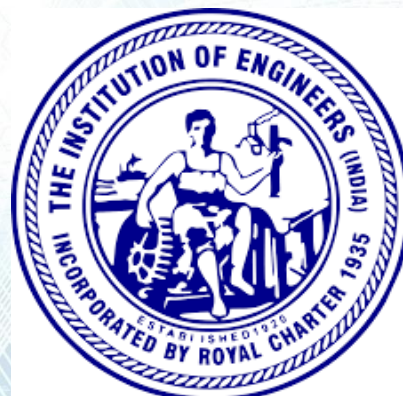


AIT

Asian Institute of Technology

BCC&i
THE BENGAL CHAMBER

Infosys
campus connect
An Infosys Industry-Academia Partnership Program



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

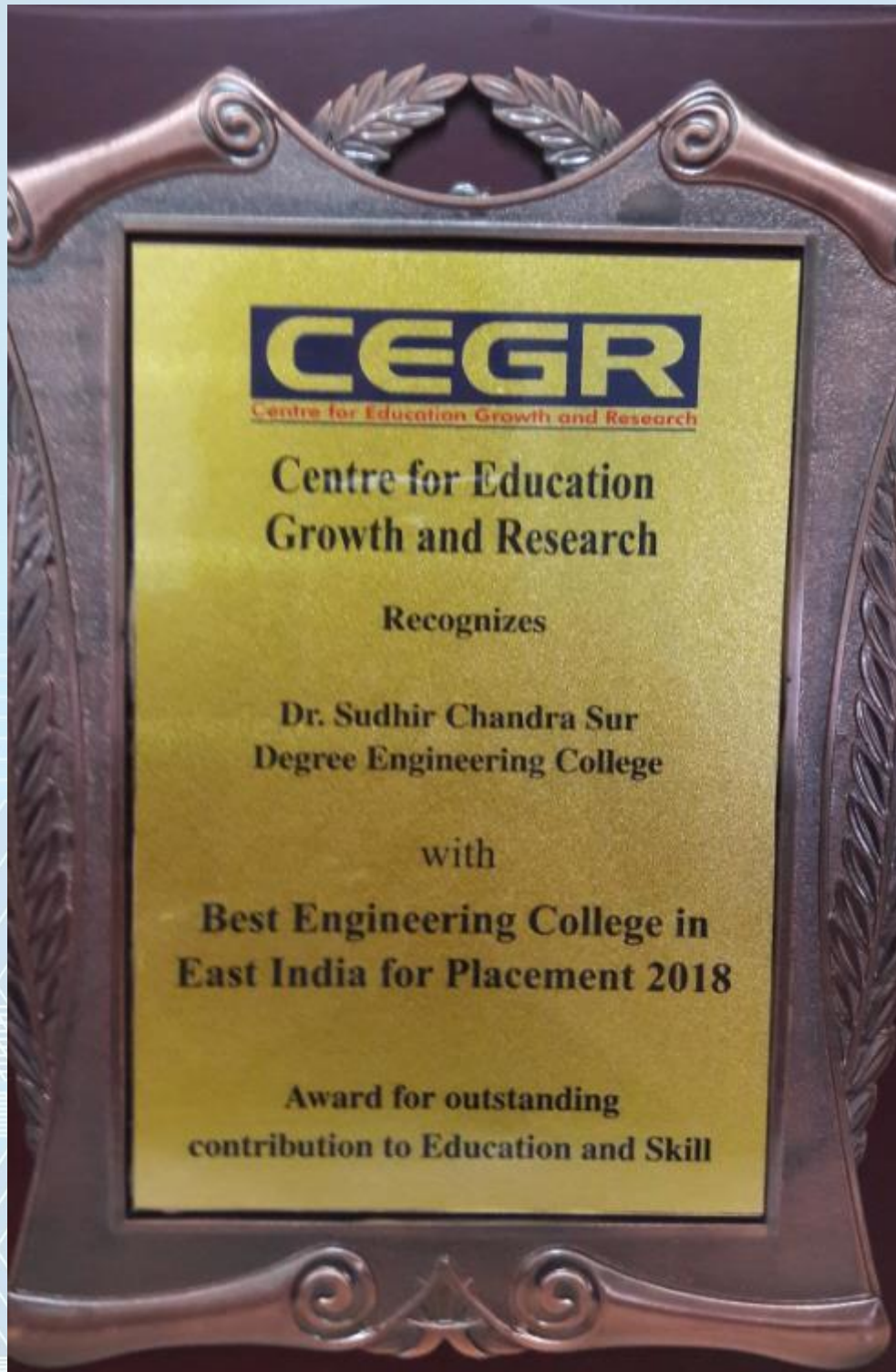
Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Achievements & Recognition 2018-19

Achievements & Recognition



Achievements & Recognition



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

EVENTS 2018-19

Events Organized

Year	Name of the capacity development and skills enhancement program	Period (from date - to date)	Number of students enrolled	Name of the agencies/experts involved with contact details (if any)
2018-19				
SoftSkill				
2018-2019	Soft Skill Training for Teamwork Skills: Communicating Effectively in Groups CSE & EE 4th Year	06-08-2018	82	Mr. Tapas Mukherjee ,Target Education, 8697125826 (Mobile)
2018-2019	Soft Skill Training for Teamwork Skills: Communicating Effectively in Groups with AUE & Civil 4th Year	13-08-2018	76	Mr. Tapas Mukherjee ,Target Education, 8697125826 (Mobile)
2018-2019	Soft Skill Training for Teamwork Skills: Communicating Effectively in Groups with ECE & Mech 4th Year	27-08-2018	116	Mr. Tapas Mukherjee ,Target Education, 8697125826 (Mobile)
2018-2019	Soft Skill Training CSE,EE & AUE 3rd Year Interpersonal skill development	16-01-2019	162	Mr. Tapas Mukherjee ,Target Education, 8697125826 (Mobile)
2018-2019	Soft Skill Training ECE,CE & Mech 3rd Year Interpersonal Skill development	30-01-2019	211	Mr. Tapas Mukherjee ,Target Education, 8697125826 (Mobile)
Language and communication skills				
2018-2019	Language & Communication Skill Development Training	01-11-2018 to 02-11-2018	137	Dr. Abhijit Gupta, Faculty of English, Jadavpur University Ph- 9831963541
2018-2019	Language & Communication Skill Development Training	01-04-2019 to 02-04-2019	150	Dr. Abhijit Gupta, Faculty of English, Jadavpur University Ph- 9831963541
Life skills				
2018-2019	Health and Hygiene oriented Blood Donation Camp	18-08-2018	34	Lion's Club
2018-2019	Life skills on Yoga Camp	14-05-2019	73	Patanjali Yog Shivar, Yoga Kanchal Jaiswal +91 98753 76425
Awareness of Trends in Technology				
2018-2019	Comuting Skill of Appication of Software on Tall Building(Awareness of Trends in Technology)	06-09-2018, 07-09-2018	60	Mr. Kaustav Sandel, M/s Educad Contact Number - 8777344862
2018-2019	Seminar on "Introduction to data science and Machine Learning"(Awareness of Trends in Technology)	07-01-2019	45	Ms. Stuti Kumari, Ardent Computech Pvt. Ltd.
2018-2019	Seminar on "Emerging Trends on IT"(Awareness of Trends in Technology)	08-02-2019	33	Mr. Tathagata Bhattacharya from WebTek Lab Pvt. Ltd. (India)
2018-2019	Workshop on "AutoCAD and CATIA."	12-02-2019	35	Mr. Soumyadip Sarkar and Mr. Bijoy Naskar from Ardent Computech Pvt. Ltd, Kolkata. 096747 35473
2018-2019	Workshop on "Application on IOT tools in Engineering & Technology"(Awareness of Trends in Technology)	15-02-2019	30	Mr. Biswajit Bannerjee, Senior Technical Expert,Ardent Computech Pvt. Ltd. 096747 35473(Mobile)

Events Organized

WEBINAR/SEMINAR/WORKSHOP SESSION ORGANIZED

2 Days workshop on “Application of software on tall building”

Department of Civil Engineering of Dr Sudhir Chandra Sur Degree Engineering College has conducted 2 days' workshop on “Application of software on tall building” on 6th and 7th September 2018 in the College Campus. The purpose of this workshop is to make civil engineering students of our college industry ready which would help them to get an opportunity in the current industry. As the population is increasing very rapidly, necessity of design and construction of tall buildings with in a scarce resource land plays a significant role in real estate project, consultants and architectural houses. The focus of the workshop was mainly to train students on the computer aided drafting i.e. AutoCAD and Revit software in the first day and on the computer aided analysis and design i.e. Staad Pro and Etabs software in the second day. In this workshop, each and every student practiced AutoCAD software application in details in their individual PCs in CAD Lab under the guidance of the technical expert Mr. Kaustav Sanyal of M/s EDUCAD (A 20 yrs Bangalore Based CAD company). This 2 days' workshop has helped the students to get an awareness of the industry used civil engineering software (beyond syllabus) like Revit and Etabs in application of drawing and design in high-rise building. The advantageous application of Revit over Autocad was clearly explained to the students in this workshop.



Department of Automobile Engineering

• Events

- ❖ Organized the five (05) days Faculty Development Program (FDP) on “Outcome-Based Education” from 02/07/2018 to 06/07/2018.

 SPEAKERS  Dr. Surajit Bari Associate Professor Narula Institute of Technology  Dr. Sabyasachi Sen Associate Professor JIS College of Engineering  Dr. Saradindu Panda Associate Professor Narula Institute of Technology	About Department of Automobile Engineering The Department of Automobile Engineering was established in the year 2009 at the very inception of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex. The department started with a 4 years B. Tech course (capacity of 60 students). The department offers courses to ensure a regular supply of top-notch Automobile Engineers who have hands on experience and are well versed with latest Automobile Technologies. The department has state of the art laboratory facilities to provide hands on training to the students in the emerging field of specialization. The department has their active student chapters under SAE (Society of Automotive Engineers) and IIW (Indian Institute of Welding, Kolkata Branch)	 Faculty Development Program on Outcome Based Education  2nd July, 2018 to 6th July, 2018
---	--	---

- ❖ Seminar on Introduction to the BS-IV Technology, 21/11/2018

Dr. Sudhir Chandra Sur Degree Engineering College 540, Dum Dum Road, Surer-math, Kolkata – 700074; Phone: +91 3325603889 Website: www.dsec.ac.in Email: info@dsec.ac.in	
 HYUNDAI “SEMINAR ON INTRODUCTION TO THE BS-IV TECHNOLOGY” Organized by Department of Automobile Engineering & Hyundai Motor India Ltd	
Speaker: Mr. Avijit Senshorma Service Manager (Technical), Hyundai Motor India Ltd Venue : College Campus, Room No. 418 Date : 21st November, 2018, Time 14.30 P.M	

Events Organized



Winter camp at AIT, Bangkok, 07/01/2019 - 12/01/2019



Sample of Certificate

Events Organized

WEBINAR/SEMINAR/WORKSHOP SESSION ORGANIZED



Seminar on "Introduction to the BS-IV Technology", 21/11/2018



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

Infosys

CAMPUS CONNECT PROGRAM

Organized by

Department of Computer Science and Engineering

Date: 23rd July, 2018

Duration: 2 months

Banner of the program started on 23/07/2018

Events Organized

NSS Activities

SL.No	Extension Activities in Neighborhood Community (2018-19)
1	Tree Plantation Program
2	Swachh Bharat Awareness Activity
3	Cloth Distribution Camp
4	Diabetes Health Check Up Camp
5	Environmental Awareness Activity
6	Old age Home Visit
7	Food Distribution Camp
8	Blood Donation Camp



Event of Tree Plantation program on 17th July 2018

Events Organized

NSS Activities



Image of the Swachh Bharat Awareness on 2nd October 2018



Image of Cloth Distribution Camp on 16 th November 2018

Events Organized

NSS Activities



Glimpses of the Diabetic Health Checkup on 5th September 2018



Image of the Environment Awareness Activity on 14th September 2018

Events Organized

NSS Activities



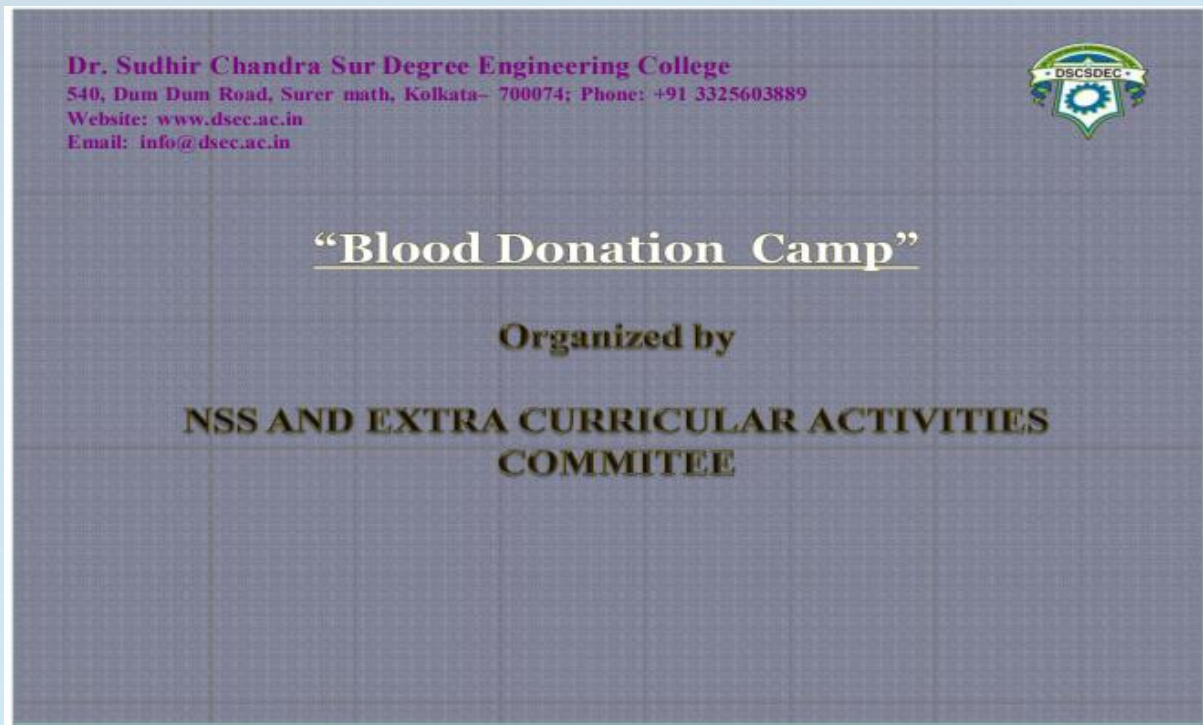
Image of the Old Age Home Visit on 2nd November 2019



Food Distribution Camp on 20th December 2018

Events Organized

NSS Activities



Banner of the Blood Donation Camp on 9th November 2018



Glimpse of the Blood Donation Camp on 9th November 2018

Events Organized

WEBINAR/SEMINAR/WORKSHOP SESSION ORGANIZED



Title: Seminar entitled to "Emerging Trends on IT"

Speaker: Mr. Tathagata Bhattacharya, Expert from M/s. WebTek Lab Pvt. Ltd. (India)

Events (FDP/MDP)

Year	Name of the participant	Designation	Title of the 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
2018-2019	Debina Dey	Manager	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Antara Chowdhury	Office Executive	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Madhab Naskar	Office Assistant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Rahul Choudhary	Store Keeper	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Suman Singh	Front Office Executive	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Nirupam Sarkar	Office Assistant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Supriya Dhara	Junior Technical Assistant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Papiya Nayek	Technical Assistant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Soumita Banerjee	Technical Assistant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Maheswar Das	Technical Assistant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Abhishek Bysack	Assistant System Administrator	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Manoj Kumar Pandey	Lab Attendant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Mayukh Bairagi	Technical Assistant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Pallabi Das	Technical Assistant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Sanjib Sarkar	Lab Assistant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Anupama Kumar Guha	Technical Assistant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Jit Majumder	Technical Assistant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Tanmoy Das	Technical Assistant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Soumik Jash	Accounts Officer	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Abhishek Das	Account Assistant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Kripashankar Tiwari	Office Executive	MDP on Material Resource Planning	24/12/2018 to 29/12/2018

Events (FDP/MDP)

Year	Name of the participant	Designation	Title of the FDP	Dates (from-to) (DD-MM-YYYY)
2018-2019	Jayanta Mondal	Assistant Professor	FDP on Raspberry Pi Programming with Python	02/01/2019 to 06/01/2019
2018-2019	Rinku Supakar	Assistant Professor	FDP on Raspberry Pi Programming with Python	02/01/2019 to 06/01/2019
2018-2019	Anjan Kumar Payra	Assistant Professor	FDP on Raspberry Pi Programming with Python	02/01/2019 to 06/01/2019
2018-2019	Madhusmita Mishra	Assistant Professor	FDP on Raspberry Pi Programming with Python	02/01/2019 to 06/01/2019
2018-2019	Ruchira Dutta	Assistant Professor	FDP on Raspberry Pi Programming with Python	02/01/2019 to 06/01/2019
2018-2019	Arnab Hazra	Assistant Professor	FDP on Raspberry Pi Programming with Python	02/01/2019 to 06/01/2019
2018-2019	Arpita Saha Chowdhury	Assistant Professor	FDP on Raspberry Pi Programming with Python	02/01/2019 to 06/01/2019
2018-2019	Mallika De	Professor	FDP on Raspberry Pi Programming with Python	02/01/2019 to 06/01/2019
2018-2019	Kamalika Datta	Associate Professor	FDP on Raspberry Pi Programming with Python	02/01/2019 to 06/01/2019
2018-2019	Prathita Roy	Assistant Professor	FDP on AI-ML	05/04/2019 to 12/04/2019
2018-2019	Rumrum Banerjee	Assistant Professor	FDP on AI-ML	05/04/2019 to 12/04/2019
2018-2019	Atreyee Kundu	Assistant Professor	FDP on AI-ML	05/04/2019 to 12/04/2019
2018-2019	Anirban Chowdhury	Assistant Professor	FDP on AI-ML	05/04/2019 to 12/04/2019
2018-2019	Aviroop Dewan	Assistant Professor	FDP on AI-ML	05/04/2019 to 12/04/2019
2018-2019	Sudipta Acharya	Assistant Professor	FDP on AI-ML	05/04/2019 to 12/04/2019
2018-2019	Tanmay Das	Assistant Professor	FDP on AI-ML	05/04/2019 to 12/04/2019
2018-2019	Sujoy Saha	Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Ruma Sen	Associate Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Arpita Chatterjee	Assistant Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Arindam Banerjee	Assistant Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Geetika Kumari Salwan	Assistant Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Rahul Kumar Prajapati	Assistant Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Arpita Podder	Assistant Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Pradeep Kumar Sharma	Assistant Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Subhasish Halder	Assistant Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Subhendu Pal	Assistant Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Sudip Banerjee	Assistant Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Bikash Choudhuri	Assistant Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Probhas Bose	Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Debdulal Pramanik	Assistant Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Dolan Kumar Das	Assistant Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Anish Biswas	Assistant Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Bhabani Ranjan Pal	Assistant Professor	FDP on Engineering Thermodynamics	24/06/2019 to 28/06/2019
2018-2019	Bidisha Dobe	Assistant Professor	FDP on Internet of Things	04/08/2018 to 09/08/2018
2018-2019	Firozuddin Sk	Assistant Professor	FDP on Internet of Things	04/08/2018 to 09/08/2018
2018-2019	Anirbit Sengupta	Assistant Professor	FDP on Internet of Things	04/08/2018 to 09/08/2018
2018-2019	Ananya Banerjee	Assistant Professor	FDP on Internet of Things	04/08/2018 to 09/08/2018
2018-2019	Sutanu Ghosh	Assistant Professor	FDP on Internet of Things	04/08/2018 to 09/08/2018
2018-2019	Anuva Ganguly Mukherjee	Assistant Professor	FDP on Internet of Things	04/08/2018 to 09/08/2018
2018-2019	Montajul Karim	Professor	FDP on Internet of Things	04/08/2018 to 09/08/2018
2018-2019	Shasikant Dargar	Associate Professor	FDP on Internet of Things	04/08/2018 to 09/08/2018
2018-2019	Partha Sarkar	Assistant Professor	FDP on Internet of Things	04/08/2018 to 09/08/2018
2018-2019	Shuvankar Chatterjee	Associate Professor	FDP on Internet of Things	04/08/2018 to 09/08/2018
2018-2019	Swapan Bhattacharya	Professor	FDP on Trends and Technologies in High Frequency Electronics	17/12/2018 to 22/12/2018
2018-2019	Asish Kumar Mukhopadhyay	Professor	FDP on Trends and Technologies in High Frequency Electronics	17/12/2018 to 22/12/2018
2018-2019	Abhigyan Ganguly	Associate Professor	FDP on Trends and Technologies in High Frequency Electronics	17/12/2018 to 22/12/2018
2018-2019	Sangeeta Jana Mukhopadhyay	Associate Professor	FDP on Trends and Technologies in High Frequency Electronics	17/12/2018 to 22/12/2018
2018-2019	Supriyo Srimani	Associate Professor	FDP on Trends and Technologies in High Frequency Electronics	17/12/2018 to 22/12/2018
2018-2019	Goutam kr.Das	Assistant Professor	FDP on Trends and Technologies in High Frequency Electronics	17/12/2018 to 22/12/2018
2018-2019	Soumyendu Bhattacharjee	Assistant Professor	FDP on Trends and Technologies in High Frequency Electronics	17/12/2018 to 22/12/2018
2018-2019	Somdutta Paul	Assistant Professor	FDP on Trends and Technologies in High Frequency Electronics	17/12/2018 to 22/12/2018
2018-2019	Pijush Dutta	Assistant Professor	FDP on Trends and Technologies in High Frequency Electronics	17/12/2018 to 22/12/2018
2018-2019	Debasmita Manna	Assistant Professor	FDP on Trends and Technologies in High Frequency Electronics	17/12/2018 to 22/12/2018
2018-2019	Baibaswata Das	Assistant Professor	FDP on Impact of Emerging Technologies on Applied sciences, Engineering and Management	17/06/2019 to 21/06/2019
2018-2019	Souvik Chakraborty	Assistant Professor	FDP on Impact of Emerging Technologies on Applied sciences, Engineering and Management	17/06/2019 to 21/06/2019
2018-2019	Krishnendu Kundu	Assistant Professor	FDP on Impact of Emerging Technologies on Applied sciences, Engineering and Management	17/06/2019 to 21/06/2019
2018-2019	Sushovan Sarkar	Professor	FDP on Application of Non-Conventional Pavement Materials and NDT in Road Infrastructure	14/01/2019 to 18/01/2019
2018-2019	Priyabrata Guha	Assistant Professor	FDP on Application of Non-Conventional Pavement Materials and NDT in Road Infrastructure	14/01/2019 to 18/01/2019
2018-2019	Prasun Seal	Assistant Professor	FDP on Application of Non-Conventional Pavement Materials and NDT in Road Infrastructure	14/01/2019 to 18/01/2019



Dr. Sudhir Chandra Sur Degree Engineering College

NSS Activities



Academic Year (2018 — 2019)

Message from Coordinator



Ms. Debasmita Manna

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

It's an honor to address you all as we present the annual report of the National Service Scheme (NSS) at Dr. Sudhir Chandra Sur Degree Engineering College. This year has been a testament to the power of service, collaboration, and community engagement.

Our students have truly embodied the spirit of NSS, dedicating their time and energy to various initiatives that have positively impacted both our campus and the surrounding community. From environmental drives to health awareness programs, each project has made a difference and showcased the commitment of our youth to social responsibility. I'd like to extend my heartfelt gratitude to our faculty and staff for their unwavering support. Your guidance has been instrumental in empowering our students to take the lead and create meaningful change.

As we move forward, let's continue to inspire one another and seek new ways to serve. Together, we can expand our efforts and deepen our impact.

Thank you for your dedication 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.



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 Website: www.dsec.ac.in; Email-info@dsec.ac.in

INDEX

Sl.No	Extension Activities in Neighborhood Community (2018-19)
1	About NSS
2	Tree Plantation Program
3	Swachh Bharat Awareness Activity
4	Cloth Distribution Camp
5	Diabetes Health Check Up Camp
6	Environmental Awareness Activity
7	Old age Home Visit
8	Food Distribution Camp
9	Blood Donation Camp



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 Website: www.dsec.ac.in; Email-info@[dsec.ac.in](mailto:info@dsec.ac.in)

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.



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 Website: www.dsec.ac.in; Email: info@dsec.ac.in

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



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 Website: www.dsec.ac.in; Email-info@[dsec.ac.in](mailto:info@dsec.ac.in)

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.



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 Website: www.dsec.ac.in; Email-info@dsec.ac.in

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.





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 Website: www.dsec.ac.in; Email-info@[dsec.ac.in](mailto:info@dsec.ac.in)

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



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 Website: www.dsec.ac.in; Email-info@dsec.ac.in

Tree Plantation Program

Organized by
NSS & Extracurricular Activities Committee

Date- 17th July

2018 Time: 03.00

PM Venue: South DumDum Municipality

Area No of Participant: 74

Objective: The aim of the program was to spread awareness about importance of plantation and environmental awareness.

The NSS and Extra Curricular Committee of Dr. Sudhir Chandra Sur Degree Engineering College have organized a “Tree Plantation Program” on 17th July, 2018 with the motto "TREE-OUR LIFE" under the scheme of Environmental Awareness. They have also shown a path to reuse the plastic waste bottle for the sapling's plantation. The NSS team has taken the initiative to plant around 120 trees by the students which has served the purpose of a forestation to spread awareness among others. In some places of our country summer may herald the beginning of the rainy season, while in other parts it may cast a dry spell without any water at all. The heat of the summer season is both the bane and blessing of most ecosystems. So we need to hold our hands together to save trees as they will save our lives. Trees contribute to the environment by providing oxygen, improving air quality, climate amelioration, conserving water, preserving soil.

Variety has been maintained in the species of trees planted by the students. Various types of tree saplings like peepal, cinnamon, neem, eucalyptus and others were planted all around the premises. The NSS team leader talked about how planting trees helps to regulate the temperature and absorb all the carbon dioxide from the air. Principal Sir has explained how planting trees helps to make the surroundings greener and how trees serve as homes to many birds and animals. He also suggested that every student should at least plant one tree per year as it will help the world to fight against global warming. The day's event was brought to an end with the Principal's vote of thanks. All the students were suggested to distribute a sapling each to plant in their locality also.

The purpose of the activity was fulfilled with the students planting trees ranging from medicinal values to aesthetic ones and shared their messages with people around about the utility of the particular tree once its sapling is being planted. The activity was summed up with the pledge taking of continuing this program at a regular basis.



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 Website: www.dsec.ac.in; Email: info@dsec.ac.in

Name of event	Coordinator	Number of participants
<i>Tree Plantation Program</i>	Ms. Debasmita Manna	74

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



“ Tree Plantation Program ”

Organized by

**NSS AND EXTRA CURRICULAR ACTIVITIES
COMMITTEE**

Date : 17th July 2018, Time : 03:00 PM

Venue: College Campus

Banner of Tree Plantation program on 17th July 2018



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 Website: www.dsec.ac.in; Email-info@dsec.ac.in



Event of Tree Plantation program on 17th July 2018



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 Website: www.dsec.ac.in; Email-info@[dsec.ac.in](mailto:info@dsec.ac.in)

Swachh Bharat, Awareness Activity Organized **by** **NSS & Extracurricular Activities Committee**

Date- 2nd October 2018 **Time:**10:00 AM **Venue:** South Sinthi **No of Participants:** 52

Objective: The purpose of this activity was to make people aware about the importance of maintaining cleanliness in and around our society

With great pleasure we would like to inform you that the Extra Curricular and NSS Committee members of Dr. Sudhir Chandra Sur Degree Engineering College along with all students had organized an activity “Swachh Bharat Awareness Activity” on 2nd October 2018 to educate the students as well as society about the importance of cleanliness to be maintained all around..

The purpose of this activity was to render messages to the people that a clean society is required to reduce pollution level and maintain a healthy life as well. Purification of ambience instills a pure mind too which is required for envisioning the development of our nation in the long-run future.

Name of event	Coordinator	Number of participants
Swachh Bharat Awareness Activity	Ms. Debasmita Manna	52



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 Website: www.dsec.ac.in; Email-info@[dsec.ac.in](mailto:info@dsec.ac.in)

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

Swachh Bharat Awareness Activity
Organized by
Dr. Sudhir Chandra Sur Degree Engineering College

In collaboration with NSS& Extracurricular Activities Committee

Date : 2nd October, 2018 , Time 10:00 AM Venue : South Sinthi

Banner of the Swachh Bharat Awareness Activity on 2nd October 2018



Image of the Swachh Bharat Awareness on 2nd October 2018



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 Website: www.dsec.ac.in; Email-info@[dsec.ac.in](mailto:info@dsec.ac.in)

Cloth Distribution Camp Organized by

NSS & Extracurricular Activities Committee Date- 16th November 2018 Time: 11.00 AM

Venue: Dum Dum Jn. Station Slum Area **No of Participants:** 68

Objective: The purpose of this activity was to provide people with clothes for fulfilling their needs of survival.

The NSS and Extra Curricular Committee of Dr. Sudhir Chandra Sur Degree Engineering College in collaboration with NSS and Extracurricular Activities Committee arranged a Camp at College Campus on 16th November, 2018.

For this activity, reusable clothes were collected from students and staffs before the scheduled date. On 16th November 2018, the NSS team reached to Dum Dum Jn. Station Slum Area where the students distributed clothes to almost 50 poor people and have also donated blankets thus, helping them to sustain moderately both in heat and cold.

The camp was arranged to help the needy people by providing them with some clothes with which they can upkeep their social prestige and can also fulfil their needs for survival. The clothes will help them to sustain their basic needs.

Name of event	Coordinator	Number of participants
Cloth Distribution Camp	Ms. Debasmita Manna	68



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 Website: www.dsec.ac.in; Email-info@dsec.ac.in

Dr. Sudhir Chandra Sur Degree Engineering college

540, Dum Dum Road, Surer math,

Kolkata - 700074; Phone: +91 3325603889



CLOTH DISTRIBUTION CAMP

Organized by

Dr. Sudhir Chandra Degree Engineering College in

.....

Date : 16th November 2018, Time 11:00 AM Venue:

Dum Dum Station

Banner of Cloth Distribution Camp on 16th November 2018



Image of Cloth Distribution Camp on 16th November 2018



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 Website: www.dsec.ac.in; Email-info@[dsec.ac.in](mailto:info@dsec.ac.in)

Diabetes Health Check Up Camp Organized by NSS & Extracurricular Activities Committee

Date- 5th September 2018

Time: 10.30AM **Venue:** Aditya Birla Group **No. of Participants:** 52

Objective: To spread awareness among people that health check-ups aim to not only help the person to prevent illnesses and its complications but also to make changes in the lifestyle for longterm healthy life.

We are glad to inform you that the students of Dr. Sudhir Chandra Sur Degree Engineering College in collaboration with NSS and Extracurricular Activities Committee have organized a “Health check-up Diabetes Camp” on 5th September, 2018.

In the camp, the students, faculty members, all staff members, alumni, parents and all other members along with our respected Principal Sir participated enthusiastically for a health check-up and motivational speech on awareness against HIV by the renowned doctor from Aditya Birla Group.

The aim of the camp was to spread the message that, health check-ups are designed not only to detect medical issues, but also to identify risk factors and illnesses before they start to cause problems.

to aware people about the need for consumption of healthy foods in order to maintain fitness. Excess of glucose intake can cause diabetes which is detrimental to health. Therefore, this camp has taken up initiatives to aware people about the steps to be taken to prevent themselves from being diabetic and damaging their health.

Name of event	Coordinator	Number of participants
<i>Health Checkup Diabetes Camp</i>	Ms. Debasmita Manna	52



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 Website: www.dsec.ac.in; Email: info@dsec.ac.in

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



“HEALTH CHECK UP DIABETES CAMP”

Organized by
Dr. Sudhir Chandra Sur Degree Engineering College

Date : 5th September 2018,

Time 10:30 AM

Venue: Aditya Birla grp

Banner of the Diabetic Health Checkup on 5th September 2018





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 Website: www.dsec.ac.in; Email: info@dsec.ac.in



Glimpses of the Diabetic Health Checkup on 5th September 2018



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 Website: www.dsec.ac.in; Email-info@[dsec.ac.in](mailto:info@dsec.ac.in)

Environmental Awareness Activity
Organized by
NSS & Extracurricular Activities Committee

Date- 14th September

2018 Time: 11.00 AM

Venue: South DumDum Municipality

Area No of Participants: 78

Objective: To spread awareness among people about the need for conservation of the environment.

With great pleasure we would like to inform you that the Extra Curricular and NSS Committee members of Dr. Sudhir Chandra Sur Degree Engineering College along with students had organized an activity “Environmental Awareness Activity - Ozone Layer Preservation Day” on 14th September 2018 to aware our society about Nature or Environment.

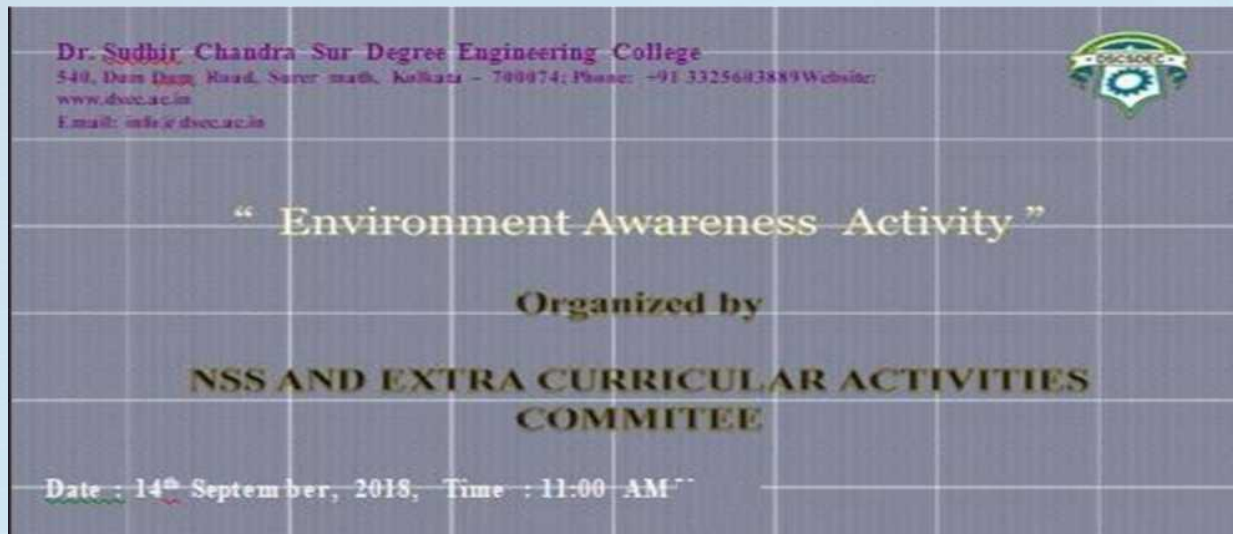
The purpose of the activity was to make people aware about environment, how it helps us through the various aspects of life. Basically, Environmental awareness will help to make natural environment better and help us to make choices that benefit the earth, rather than hurt it.

Name of event	Coordinator	Number of participants
Environmental AwarenessActivity	Ms. Debasmita Manna	78



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 Website: www.dsec.ac.in; Email: info@dsec.ac.in



Banner of the Environment Awareness Activity on 14th September 2018



Image of the Environment Awareness Activity on 14th September 2018



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 Website: www.dsec.ac.in; Email-info@[dsec.ac.in](mailto:info@dsec.ac.in)

Old Age Home Visit,

Organized by

NSS & Extra Curricular Activities Committee

Date: 2nd May 2019 **Time:** 11.00 AM

Venue: Swapna Neerh Old Age Home 412, by Lane, Rail Gate Colony, Dum Dum Cantonment, Subhash Nagar, South Dumdum, West Bengal 700065

No of Participant: 62

Objective: The aim of the program was to encourage the old people to live life with a positive hope. A noble initiative has been taken by the students and staff members of Dr. Sudhir Chandra Sur Degree Engineering College along with NSS and EXTRACURRICULAR Committee on 02/05/2019 to visit the Swapna Neerh Old Age Home under the scheme of Social Awareness. The Non-Profit Organization accommodates nearly two hundred old men and women, generally aged between fifty to ninety years. The purpose behind this visit was to help the Senior citizens in all the possible ways the students could.

The enthusiastic and determined candidates reached the old age home within an hour from the college. They took charge of all the responsibilities of the organization for the rest of the day. All the candidates greeted the residents and took utmost care of them.

The students of the NSS team on visiting the old age home contributed groceries, fruits, sweets and medical kits, in the hope of helping them to some extent. The plight of living in an old age home where you are forced to adjust and reside with unknown people is quite challenging. However, with the passage of time, every member of this organization lives happily and peacefully with a sense of unity among themselves.

The students spent some fun time with the venerable residents of the home by playing a few braingames and listening to interesting stories of the aged people from their real-life experiences. The NSS team has also talked to the in-charge and authorities of the home for knowing about the different schemes and rental systems which the senior citizens have to pay either on a yearly or quarterly basis. On gathering information the NSS team had also contributed a small amount of donation to the home to take up the financial bearings of the senior citizens, especially for those who go through some financial constraints.

The visit remained a successful one and at the time of return from home the NSS team promised to revisit Ashram to stand beside the senior citizens in every possible way.

Name of event	Coordinator	Number of participants
Old age Home Visit- Swapna Neerh	Ms. Debasmita Manna	62



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 Website: www.dsec.ac.in; Email: info@dsec.ac.in

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



“Old age Home Visit”

Organized by

**NSS AND EXTRA CURRICULAR ACTIVITIES
COMMITTEE**

Banner of the Old Age Home Visit on 2nd May 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 Website: www.dsec.ac.in; Email-info@[dsec.ac.in](mailto:info@dsec.ac.in)



Image of the Old Age Home Visit on 2nd May 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 Website: www.dsec.ac.in; Email-info@[dsec.ac.in](mailto:info@dsec.ac.in)

Food Distribution Camp Organized by NSS& Extracurricular Activities Committee

Date- 20th December 2018 **Time:** 04.00 PM **Venue:** Srerampore Slum

Area No. of Participants: 68

Objective: To spread awareness among people about the necessity of consumption of healthy food.

We are glad to inform you that the students of Dr. Sudhir Chandra Sur Degree Engineering College in collaboration with NSS and Extracurricular Activities Committee have organized a “Food Distribution Camp” on 20th December, 2018.

This altruistic notion from Swami Vivekananda motivates everyone to make a positive impact on the world's well-being. It seems that in our quest to better the world, we actually benefit ourselves as the donor is the one who is blessed rather than the recipient.

To spread joy, the faculty, staff, and students gave away clothing and food at the DumDum Hanuman Mandir, which is located near a slum. They distributed food to more than 70 people.

With the motto: The greatest success we could possibly have in life is the joy and pleasure one finds through helping the less fortunate.

Name of event	Coordinator	Number of participants
Food Distribution Camp	Ms. Debasmita Manna	68



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 Website: www.dsec.ac.in; Email: info@dsec.ac.in

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



“Food Distribution Camp”

Organized by

**NSS AND EXTRA CURRICULAR ACTIVITIES
COMMITTEE**

Banner of the Food Distribution Camp on 20th December 2018



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 Website: www.dsec.ac.in; Email-info@dsec.ac.in



Image of the Food Distribution Camp on 20th December 2018



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 Website: www.dsec.ac.in; Email-info@[dsec.ac.in](mailto:info@dsec.ac.in)

Blood Donation Camp Organized by

NSS & Extracurricular Activities Committee Date: 9th November 2018 **Time:** 11.00 AM

Venue: Lion's Club **No of Participants:** 90

Objective: The purpose of this activity was to encourage people to donate blood voluntarily to save people. With great pleasure, we would like to notify you that on November 9, 2018, Dr. Sudhir Chandra Sur Degree Engineering College's Extra Curricular and NSS Committee members, along with students, organized a "Blood Donation Camp" as part of the Health Awareness program to assist those who might find it difficult to obtain blood in an emergency.

The NSS team arranged the camp to assist the general public as well as those suffering from thalassemia. Principal Sir gave blood to start the camp, which was held in room 418. Students from the institute's various streams also took part in the program.

Staff members and other officials took part in this event in addition to the pupils. The government thalassemia hospital at the R.G. KAR Hospital was to receive the blood collected from this camp. Refreshments were provided for blood donors at the camp by the NSS crew. A small gift hamper and certificates were handed to students and other participants in the blood donation camp. Five doctors were assigned to oversee the entire procedure and take blood samples. In addition, the institute had set up a resting room in case blood donors felt lightheaded or unwell. Additionally, volunteers from a nearby club arrived to assist the institute in setting up the blood donation camp.

Following the blood donation, the principal expressed gratitude to each and every person in the camp. The National Anthem and a sincere vote of gratitude from the college principal marked the end of the day. The campaign's motto is "Donate Blood & Save Lives." The initiative proved to be successful, and at its conclusion, a commitment was made to periodically rearrange the camp in order to disperse blood to various groups, so mitigating the scarcity of blood during emergencies.

Name of event	Coordinator	Number of participants
Blood Donation Camp	Prof. Debasmita Manna	90



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 Website: www.dsec.ac.in; Email: info@dsec.ac.in

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



“Blood Donation Camp”

Organized by

**NSS AND EXTRA CURRICULAR ACTIVITIES
COMMITTEE**

Banner of the Blood Donation Camp on 9th November 2018



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 Website: www.dsec.ac.in; Email-info@dsec.ac.in



Glimpse of the Blood Donation Camp on 9th November 2018



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

ANNUAL ACTIVITIES OF **STUDENTS' CLUBS**

2018-2019



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

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
19	Literary Club
20	Yoga and Meditation Club
21	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

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.



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

Qualification and Responsibilities of Convenor

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.



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

List of Clubs:

Sl No.	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.



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

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. 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.



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

		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.
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.



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

		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.



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

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.
-----	-------------	--



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

Member List of Clubs 2018-2019

• 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	Dr. Abhigyan Ganguly	Member	ECE
4	Dr. Sayantan Chakraborty	Member	EE
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
1	Ms. Rumrum Banerjee	Faculty in Charge	EE
2	Mr. Tanmoy Kundu	Member	ME
3	Dr. Kamalika Datta	Member	CSE
4	Mr. Sutanu Ghosh	Member	ECE
5	Mr. Priyabrata Guha	Member	CE
6	Ms. Priya Sarkar	Member	ECE
7	Mr. Rohan Roy	Member	ME
• Nirman Club			
Sl No	Name	Designation	Department
1	Arindam Mukherjee	Faculty-in-Charge	AUE
2	Biswabandhu Chatterjee	Secretary	CE
3	Dr. Sujoy Saha	Assistant Secretary	ME
4	Pritam Bhattacharya	Faculty Member	AUE
5	Mayukh Bairagi	Staff Member	ECE
6	Manwinder Singh	Student Member	CSE



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

7	Tridip Ghosh	Student Member	ECE
8	Arindam Mukherjee	Faculty-in-Charge	AUE
• Mathematics Club			
Sl No	Name	Designation	Department
1.	Prof. (Dr.) Omprakash Sharma	Chairman/President	Principal, Admin
2.	Ms. Pallabi Bose	Faculty in Charge	BSH
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. Rumrum Banerjee	Member	EE
9.	Mr. Prasun Seal	Member	CE
10.	Ms. Geetika Kumari Salwan	Member	ME
11.	Ms. Susmita Dutta	Student Member	CSE
12.	Ms. Priyanka Dey	Student Member	EE
13.	Mr. Shivam Tiwary	Student Member	ME
14.	Ms. Susmita Pal	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	Student Member	AUE



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

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.) Om Prakash 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
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.) Om Prakash Sharma	Chairman/President	Principal, Admin
2	Dr. Sayantan Chakraborty	Faculty, Convenor	EE
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



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

• 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. Rumrum 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	Ms. Samprita Chatterjee	Student Member	AUE
10	Mr. Debanjan Das	Student Member	ECE
11	Ms. 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
6	Mr. Mayukh Bairagi	Member	ECE
• Documentary and Drama Club			
Sl No	Name	Designation	Department
1	Dr. Om Prakash Sharma	Chairman	Principal
2	Ms. Debasmita Roy Chowdhury	Convener	BSH



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

3	Ms. Rinku Supakar	Member	CSE
4	Dr. Abhigyan Ganguly	Member	ECE
5	Mr. Arindam Mukherjee	Member	AUE
6	Mr. Arpan Bhattacharyya	Member	AUE
7	Mr. Debanjan Roy	Member	CSE
8	Mr. Sayantani Saha	Member	ECE
9	Ms. Dipa Das	Member	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. Rumrum Banerjee	Member	EE
5	Mr. Manoj Pandey	Member	CSE
6	Mr. Mayukh Bairagi	Member	ECE
7	Mr. Sanjib Sarkar	Member	EE
• Community Connect (NSS) Club			
Sl No	Name	Designation	Department
1	Ms. Debasmita Manna	Faculty-in-Charge	ECE
2	Mr. Anj an Kumar Pyra	Member	CSE
3	Mr. Sankha Ghosh	Member	AUE
4	Mr. Tanmoy Das	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. Dhruva Roy	Member	ECE



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			
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	Ms. Nabanita Biswas	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	Dr. Sayantan Chakraborty	F aculty-in-Charge	EE
2	Baibaswata Das	Secretary	CE
3	Vivek Shaw	Faculty Member	BSH
4	Bidisha Dobe	Faculty Member	ECE
5	Sandip Bhadra	Staff Member	AUE
6	Souradeep Ghosh	Student Member	AUE
7	Sanjay Chakraborty	Student Member	ME
8	Dr. Sayantan Chakraborty	F aculty-in-Charge	EE
9	Baibaswata Das	Secretary	CE
10	Vivek Shaw	Faculty Member	BSH



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

• 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. Pallabi Das	Member	ECE
9	Mr. Tanmoy Das	Member	ME
10	Ms. Antara Chowdhury	Member	T&P
11	Mr. Vivek Shaw	Member	Department of BSH



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

Science and Technology 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

2-Day ICT workshop on 3D Printing

Objective: To understand about the 3D Printing technology and its applications

Speaker: Mr. Samit Das.

About the Speaker: Mr. Samit Das is the founder of Srijan Creation, Kolkata.

Date: 12th and 13th August, 2018.

Time: 11:00 AM to 4:30 PM

Venue:

Room No.

413

No of

Participants:

22 ‘

Report:

During the ICT workshop, the speaker presented and demonstrated the following points:

1. Basic Concepts of Prototyping in accordance with Innovation
2. Benefits of Prototyping

The main benefit of prototyping is that it results in a faster and more effective design cycle. Because prototypes allow companies to test their design in the “real-world” environment, it is easier to identify potential problems and prevent costly mistakes down the road. Designers can pivot more quickly and interact with the design to troubleshoot and improve any problem areas. Rapid prototyping is particularly advantageous because it can produce prototypes days or even weeks faster than traditional prototyping methods. A wide range of 3D printing materials, including metals and engineer-grade thermoplastics, are available, giving designers and engineers a physical representation of how their product will look, feel, and behave.

3. Reasons to Make Prototypes

Before listing the benefits of prototyping, one needs to clearly define what this process is. The prototype is an important draft design that precedes the development of the original design layout. It is intended not only to show the structure of the future site, but also the site map, the interrelation of its main pages. Prototyping is a process designed to significantly reduce the time to develop a site, due to the focus of the designer on the main functional and marketing factors.

4. Fundamental reasons for using prototyping before creating a layout

The session and explanation on various topics were really enriching and cultivated great interest in the minds of the participants and was appreciated by them. The presentation was an engrossing experience for all of our participants followed by excellent doubt clearing sessions. At the end of the Workshop the distinguished speaker was felicitated with an E-memento and E- certificates were

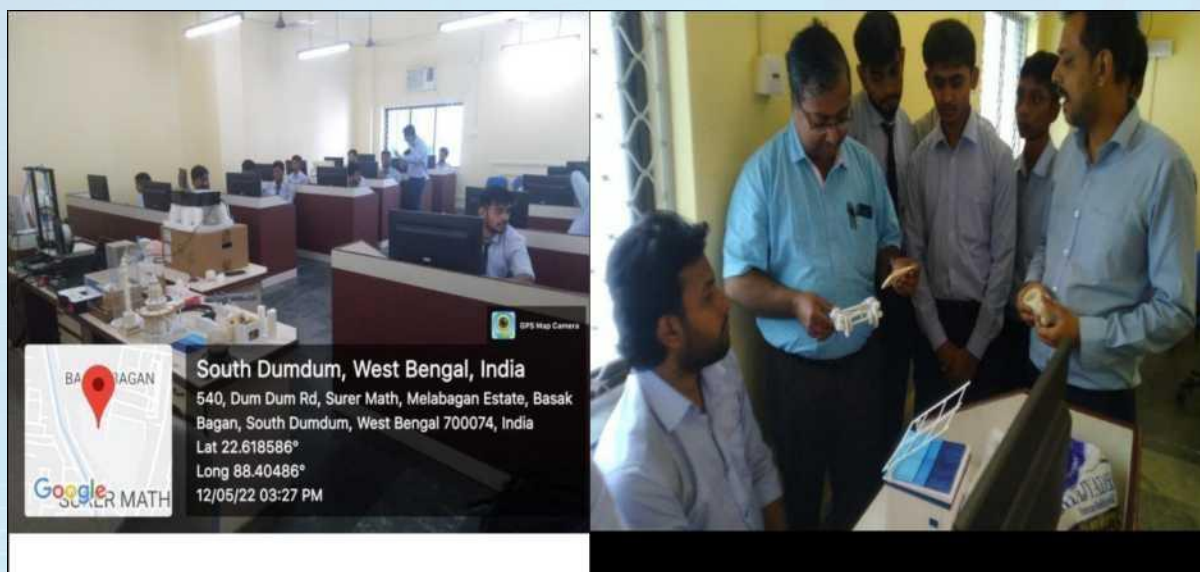


Dr. Sudhir Chandra Sur Degree Engineering College

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

distributed to the participants. The event has been a very enriching and successful one.

Some glimpses of this event are hereby attached for your kind perusal.



An ICT Workshop on 3D Printing, 12th and 13th August, 2018



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

One-day workshop on “Computing Skills of Trends & Practices on Computer-Aided Design & Analysis in Civil Engineering”

Objective: The aim of this workshop is to inspire and develop skill sets of latest induction of software and technologies in civil engineering applications

Venue: Room No 220

Date and Time: 26th April, 2019

Speaker: Mr. Sandip Banerjee and Mr. Sanjib Saha, CADD Centre, Ultadanga Number of Participants: 35

Report: Dr. Sudhir Chandra Sur Degree Engineering College is glad to announce that Civil Engineering Department has organized a 1 -day workshop on “Trends & Practices on Computer-Aided Design & Analysis in Civil Engineering” for the students on 26th April, 2019.

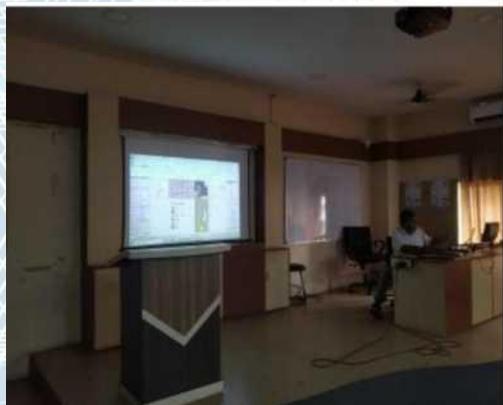
The following were the Key Highlights of the Workshop -

- Importance of Software and technologies in the field of Civil Engineering
- Familiarization with various latest software
- The user interface and tutorial regarding use of some important software
- The application of the software in various fields
- Q&A Session

There was a total of 45 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 latest software was discussed.

Few
glimpses of
the
workshop



One-day workshop on “Trends & Practices on Computer-Aided Design & Analysis in Civil Engineering”, 26th April, 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

Robotics 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

Virtual Extempore Event

Topic: Innovative Technology in Robotics and Engineering field Date: 06/09/2018 Time: 01:00 PM

Venue: online

Objective The objective of the program is to motivate students in Robotics engineering field.

Report: Robotics Club of DSCSITSC has organized one day Virtual Program on 6th November, 2018 at DSCSITSC

Talks for Members of the Robotics Club subjects discussed in lectures: Fundamentals of Pneumatics. many motor kinds. motor operation. senses. kinds of wheels. A few switches. Fundamentals of the chassis. various robot architectures. the fundamentals, uses, and applications of microcontrollers. While progress and technology are helping people more physically, harmony and peace may bring people together and spur development as well. Peaceful discussions will aid in resolving the concerns and helping to put an end to the troubles facing the nation.



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

Nirman 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 of Seminar on "Innovative construction Techniques"

Date: August 27, 2018 Location: College Seminar Hall

Speaker: Dr. Kalyan Rudra; Chairman, West Bengal Pollution Control Board Introduction

On August 27, 2018, a seminar on "Innovative Construction Techniques" was organized at the college campus. The event aimed to expose students and professionals to the latest advancements and methodologies in the field of construction. The seminar was an excellent opportunity for participants to gain insights into cutting-edge construction techniques that are shaping the future of the industry.

Event Objectives

- **Knowledge Enhancement:** To provide attendees with in-depth knowledge of the latest innovative construction techniques and their applications.
- **Industry Exposure:** To bridge the gap between academic learning and industry practices by showcasing real-world examples of innovative construction projects.
- **Skill Development:** To equip participants with practical insights and techniques that can be applied in their future careers.
- **Networking:** To facilitate interaction between students, faculty, and industry experts, fostering collaboration and knowledge exchange.

Event Overview

The seminar attracted 72 participants, including students, faculty members, and industry professionals. The event featured presentations by leading experts in the construction industry, who shared their experiences and discussed the latest trends and technologies in construction. Topics covered during the seminar included sustainable construction methods, the use of advanced materials, modular construction, and the integration of technology in construction processes. The seminar began with a keynote address, followed by a series of technical sessions. Each session was followed by a Q&A segment, allowing participants to engage directly with the speakers and gain a deeper understanding of the topics discussed.

Event Outcomes

- **Enhanced Knowledge:** Participants gained valuable insights into modern construction techniques, including their practical applications and potential challenges.
- **Industry Insights:** The seminar provided attendees with exposure to real-world examples of innovative construction projects, helping to connect theoretical knowledge with practical implementation.
- **Skill Development:** Attendees were equipped with new ideas and techniques that can be applied in their future projects, enhancing their professional capabilities.



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

- **Networking Opportunities:** The seminar facilitated networking among students, faculty, and industry professionals, promoting future collaborations and knowledge sharing.



Figure: Glimpse of Seminar on Innovative construction Techniques



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

Event report of Model Competition "Use Your Surrounding"

Date: March 07, 2019 Location: College Campus

Introduction

On March 07, 2019, our college campus hosted the Model Competition titled "Use Your Surrounding." This event was designed to inspire creativity among students by encouraging them to utilize everyday materials from their surroundings to build innovative and functional models. The competition aimed to promote environmental awareness, sustainability, and problem-solving skills through hands-on learning.

Event Objectives

- **Encourage Creativity:** To inspire students to think creatively and utilize available resources in innovative ways.
- **Promote Sustainability:** To raise awareness about the importance of using sustainable materials and minimizing waste in everyday projects.
- **Enhance Problem-Solving Skills:** To provide a platform for students to demonstrate their problem-solving abilities by designing practical and functional models.
- **Foster Teamwork:** To encourage collaboration among students as they work together to build their models.

Event Overview

The competition took place on the college campus and attracted 40 participants from various departments. Each team was tasked with creating a model using materials that could be found in their immediate environment, such as recycled items, natural resources, and everyday objects. Participants were given five hours to complete their models, after which a panel of judges evaluated each entry based on creativity, functionality, sustainability, and presentation.

Event Outcomes

- **Creativity:** The competition showcased an impressive range of creative solutions, with models ranging from eco-friendly structures and innovative gadgets to sustainable agricultural tools.
- **Sustainability:** Many teams focused on using recycled materials, highlighting the importance of environmental conservation and reducing waste.
- **Skill Development:** Participants demonstrated strong problem-solving skills, effectively addressing challenges encountered during the model-building process.
- **Teamwork:** The event fostered collaboration among students, with many teams working effectively together to bring their ideas to life.



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



Figure: Glimpse of Model Competition



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

Mathematics 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

Event on the mathematical puzzles and riddles challenge

No. of Participants: 25 Venue: Room No: 219 Date: 14.09.2018 Time: 4.00P.M Objective of the

Event-

To enhance students' problem-solving skills, logical reasoning, and creative thinking through engaging mathematical puzzles. The event aimed to provide a platform for students to test their puzzle-solving abilities while fostering a deeper interest in mathematics.

The Mathematics Club of the institute has arranged an event on mathematical puzzles and riddles challenge for the students irrespective of the departments.

The core of the event was the Mathematics Puzzle Challenge, which included a variety of puzzles designed to test different aspects of mathematical reasoning. The puzzles were divided into three categories:

- **Logic Puzzles:** These puzzles required deductive reasoning and logical thinking. Examples included classic puzzles like the Knights and Knaves problem and logic grid puzzles.
- **Number Puzzles:** These puzzles involved numerical operations and sequences. Examples included Sudoku variations, magic squares, and number pattern problems.
- **Geometry Puzzles:** These puzzles focused on spatial reasoning and geometric properties. Examples included tangrams, geometric transformations, and area calculations.

Participants were divided into teams of three, and each team was given a set of puzzles to solve within a specified time frame. The puzzles varied in difficulty to accommodate different skill levels and to keep the challenge engaging.



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 the event:





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

Observance of the Webinar on Fundamental on Prime number Exploration

No. of Participants: 50 Venue: 418 Date: 20.02.2019 Time: 4.00P.M Objective of the Event-

The "Prime Number Exploration Day" was organized to provide students with an in-depth understanding of prime numbers and their significance in mathematics and its applications. The event aimed to encourage students to explore the intriguing properties of prime numbers and how they play a critical role in various fields such as cryptography, computer science, and advanced mathematics.

The event commenced with a welcome address by Ms. Pallabi Bose, the Faculty Mentor of the Mathematics Club. She outlined the objectives of the day and emphasized the importance of prime numbers in both theoretical and applied mathematics.

Dr Bapi Saha, a respected assistant professor from the Mathematics Department of Government College of Engineering & Textile Technology, delivered a comprehensive lecture on prime numbers.

Key topics covered included:

- Definition and basic properties of prime numbers.
- Historical significance of prime numbers in mathematics.
- The Sieve of Eratosthenes as a method for finding prime numbers.
- Prime number theorems and their implications.
- Applications of prime numbers in cryptography, particularly in encryption algorithms like RSA.

One of the highlights of the event was the Prime Number Treasure Hunt. Students were provided with a series of clues, each leading to a prime number. The treasure hunt was designed to test both mathematical knowledge and problem-solving skills in a fun and engaging way. The first team to successfully solve all clues and identify the correct sequence of prime numbers was declared the winner.

Participants provided positive feedback, praising the interactive and engaging nature of the event. They particularly appreciated the blend of theoretical learning with hands-on activities, which made the subject matter more accessible and enjoyable.

At the end the convener offered a vote of thanks to all the attendees.



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 the event:





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

Coding 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

Coding Contest

DATE: 18/04/2019

PLACE: CSE Lab 3 (Offline mode)

PARTICIPANTS: College students who had registered for the contest

Department of CSE of DSCSDEC has organized a online coding contest on 18th April 2019 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 is the real-time fun of budding technocrats. As one person starts solving harder and harder problem in live-contests of coding his or her analytical and rational thinking intensifies.

Students from almost all the years of CSE have participated in the online coding contest at CSE lab3 held on 18/04/2019 from 10:00AM to 11.30AM. Though programming languages like C, java have been used but most of them have preferred python over others. There are 89 participants in the event. The following students have won the 1st, 2nd and 3rd position respectively after proper assessment of their submitted code:

1st Position holder:

SNEHALI MITRA

CSE, 3rd YEAR

2nd Position holder:

Aishik Sett

CSE, 2nd YEAR

3rd Position holder:

Agnideep Podder

CSE, 2nd YEAR

Glimpse





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

Art and Craft Designing 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

Paper Craft Competition organized by Art and Crafts Designing Club

No. of Participants: 20

Venue: Room No 518 | Date: 06.11.2018

Objective of the Event-

To build a supportive and inclusive environment where students can connect and collaborate with others who share an interest in art and crafts.

The Arts & Crafts of Dr. Sudhir Chandra Sur Degree Engineering College has arranged an event on Paper Craft Competition to inspire and engage students in creative expression through various art forms and craft techniques. The competition featured various categories, including [e.g., Origami, Paper Sculpture, Quilling, Collage]. Participants were required to submit entries in one or more categories.

The competition attracted participants and attendees from various departments, including students, faculty, and guests. The event saw enthusiastic participation and engagement from the college community. Prior to the competition, workshops on paper crafting techniques were held to help participants refine their skills.

An exhibition of all submitted entries was organized, allowing attendees to view and appreciate the creativity of their peers. Participants demonstrated enhanced creativity and technical skills through their innovative paper craft projects. Participants expressed high satisfaction with the event, particularly appreciating the opportunity to showcase their work and the constructive feedback received from judges.

Glimpse of the event:





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

Photography 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

Celebrating Durga Puja Through the Lens: A College Photography

Competition

Date: 11th October 2018

Time: 3.30p.m onwards

Venue: College Campus

Objective: To showcase the artistic talents of the students from the perspective of the lens

The recent photography competition organized by the Photography Club of Dr. Sudhir Chandra Sur Degree Engineering College, themed around Durga Puja, was a vibrant celebration of cultural and artistic expression. Students from various disciplines participated, capturing the essence and grandeur of this traditional festival through their lenses. The competition saw a wide range of entries, from dramatic depictions of the intricate idol processions to intimate portrayals of familial rituals and street festivities. The judging panel, comprised of faculty members and local photographers, was impressed by the depth of creativity and technical skill displayed.

Outcome of the Event: The competition helped the students to show their creativity skills and come up with a projection of newness in thoughts and ideas.

Glimpse of the event:





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

Cultural Club (Dance, Music and Singing)



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

Independence Day

Date: 15th August, 2018 Time: 10:00 AM Venue: College Campus

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

On August 15, 2018, DSCSDEC hosted a grand celebration in honor of Independence Day, organized by the Cultural Committee. The event brought together faculty, students, staff members, and guests to commemorate India's significant day in history. The Principal's speech emphasized the role of education in fostering responsible citizens. The flag-hoisting ceremony followed a solemn moment with the unfurling of the Indian tricolor, symbolizing a free and united India. The event concluded with a vibrant cultural program featuring patriotic songs, dance performances, and skits showcasing India's journey to independence.

Some of the snapshots of the event are attached herewith.





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

Republic Day Celebration

Date: 26th January 2019.

Time: 8:00 AM Venue: College Campus

Objective: The campaign aimed to raise awareness of the significance of the passage of the Indian Constitution.

The DSCSDEC Cultural Committee observed Republic Day 2019 as usual. The principal, Dr. Om Prakash Sharma, gave the event's opening remarks. Republic Day is the occasion on which the Government of India Act (1935) was superseded as the legal framework governing India, on January 26, 1950, so ushering in a new era of independence. The principal will present the flag to the staff and students and give a speech emphasizing the importance of Republic Day. Along with the Principal, a few Directors, Heads, and AO speak as well. The kids gave a cultural performance before to the Republic Day.

Some of the glimpses are attached herewith.



Image of "Republic Day" celebration on 26th January 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

Quiz and Debate 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

Topic: Debate on Ethics and Philosophy

Date: August 6, 2018 Time: 10:00 AM - 4:00 PM

Topic: "Is Moral Relativism a Threat to Societal Values?"



Program Schedule:

- 10:00 AM - 10:30 AM: Registration and Welcome
- 10:30 AM - 11:00 AM: Introductory Speech by Dr. Suresh Patel, Professor of Philosophy Dr. Patel introduced the concept of moral relativism and its implications for societal norms and values.
- 11:00 AM - 1:00 PM: Debate Session 1 (Round 1)
Teams debated whether moral relativism undermines universal ethical standards or reflects the diversity of human cultures.
- 1:00 PM - 2:00 PM: Lunch Break
- 2:00 PM - 4:00 PM: Debate Session 2 (Round 2)
The second round explored the impact of moral relativism on law, justice, and cultural integration.



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

- 4:00 PM - 4:30 PM: Conclusion and Judging
Judges commended the participants for their deep understanding of philosophical concepts and their practical implications.

Outcome:

Team "Moral Absolutists" emerged victorious, arguing that a lack of universal moral standards threatens societal cohesion. The opposing team "Cultural Relativists" was recognized for their nuanced discussion on the importance of cultural context in moral judgments.



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

Topic: "Sports and Games Quiz"

Date: March 13, 2019

Venue: Sports Complex, Dr. Sudhir Chandra Sur Degree Engineering College Time:

9:30 AM - 12:00 PM



Event Overview:

The Sports and Games Quiz was designed to test students' knowledge of various sports, their history, rules, famous players, and memorable events. This quiz aimed to promote physical education and awareness of sports culture.

Program Schedule:

- . 9:30 AM - 9:45 AM:
 - o Opening Address: Mr. Ravi Kapoor, Sports Director, emphasized the importance of sports in developing teamwork and discipline.
 - o Welcome by Quizmaster: Mr. Vikram Singh explained the rules and structure of the quiz.
- . 9:45 AM - 10:30 AM:
 - o Round 1: Sports History and Facts
 - Multiple-choice questions covering the history of different sports.
 - Questions included significant milestones and record-breaking achievements.
- . 10:30 AM - 11:15 AM:
 - o Round 2: Rules and Regulations
 - Focused on the rules of various sports, especially lesser-known ones.
 - Teams were asked to identify incorrect rule statements.
- . 11:15 AM - 11:45 AM:
 - o Round 3: Iconic Moments and Players



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

- Picture and video-based round identifying famous sports personalities and moments.
- Teams had to buzz in to answer.
- . 11:45 AM - 12:00 PM:
 - Conclusion and Prize Distribution:
 - Prizes awarded to the top 3 teams.
 - Special recognition for the team with the highest accuracy rate in Round 3.

Outcome:

The quiz was a great success, encouraging a deeper understanding of sports beyond just gameplay. The picture and video round was particularly appreciated for its interactive nature. Students gained insights into various sports and felt more connected to sports culture.



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

Documentary and Drama 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

Pre-Independence Day Celebration

No. of Participants: 20 Venue: Auditorium Date: 14.08.2018 Time:

2.00P.M

The event was organized by the Drama Club to commemorate the spirit of Independence Day by invoking and promoting the constitutional values of justice, equality, and freedom. The objective was to encourage students to reflect on these values and inspire them to actively oppose societal issues like corruption, violence, and discrimination.

On August 14th, one day prior to Independence Day, the students of the Drama Club presented an original play titled "Breaking the Barriers." The play, scripted and performed entirely by the students, highlighted the importance of resisting and overcoming the barriers of corruption, violence, and discrimination.

Through powerful dialogues and compelling performances, the students emphasized that the true spirit of independence lies in breaking free from these societal constraints and striving to become good human beings who embody the values enshrined in the Constitution. The event held special significance as the play marked the official inauguration of the Independence Day celebrations at the institution. The principal, who was present as the chief guest, officially launched the celebration with this impactful performance.

The play "Breaking the Barriers" received widespread acclaim from both students and faculty members. The audience was deeply moved by the powerful message and the students' exceptional performances. The principal and other dignitaries in attendance praised the Drama Club for their creativity and for addressing such pertinent issues through the medium of theatre. The event was a resounding success and left a lasting impression on all who attended.



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

The glimpse of the event





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

Observance of the International Labour Day

No. of Participants: 12 Venue: Auditorium Date: 02.05.2019 Time: 3.00P.M

The objective of the event was to observe International Labour Day by highlighting the challenges faced by workers in a modern, high-pressure work environment. The Drama Club aimed to shed light on the impact of excessive work demands on creativity and personal wellbeing, fostering awareness and encouraging a more balanced approach to work and life.

To commemorate International Labour Day, the Drama Club of our institute presented a thought-provoking play that delved into the realities of today's work culture. The play depicted the lives of individuals who are trapped in a monotonous routine, overwhelmed by the demands of their work. It poignantly illustrated how the relentless pressure to perform and meet deadlines can lead to a loss of creativity, personal fulfillment, and overall wellbeing. The play was a powerful commentary on the modern work environment, urging the audience to reflect on the importance of work-life balance and the value of nurturing creativity alongside productivity. The play was well-received by both students and faculty, who appreciated the timely and relevant message it conveyed. The audience was engaged throughout the performance. Faculty members commended the Drama Club for choosing such an important theme for International Labour Day and for their compelling portrayal of the issues.

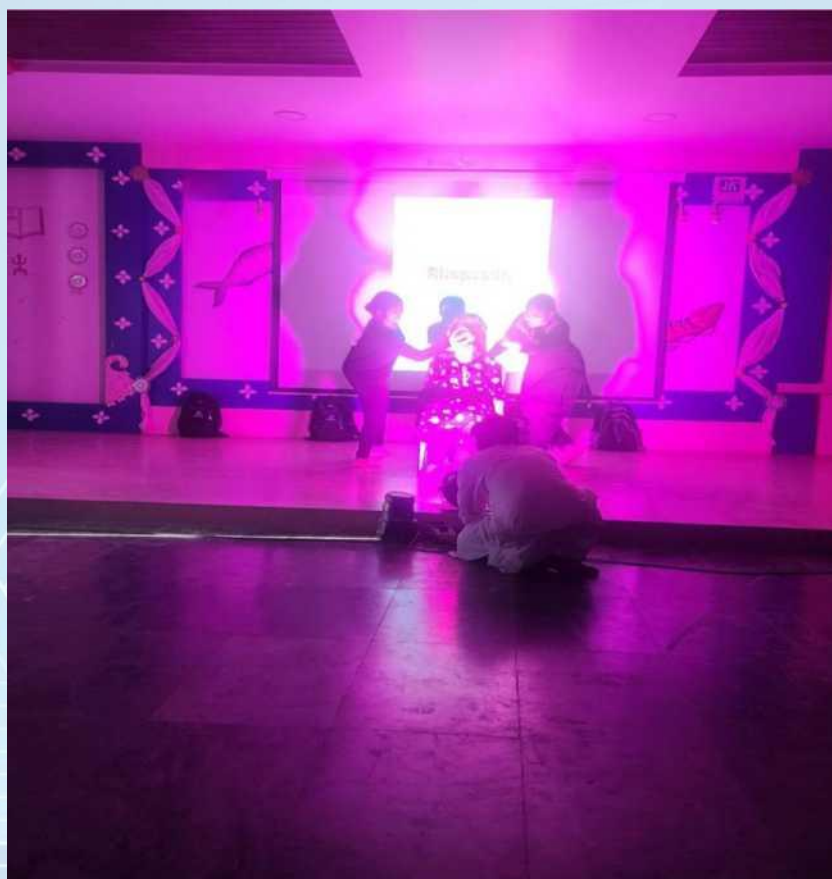
The Drama Club's celebration of International Labour Day was a success. The event not only commemorated Labour Day but also inspired thoughtful reflection on how we approach work in our daily lives.



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 the event





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

Biosystems and Environmental 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

Event report of Tree plantation

Date: August 20, 2018

Location: Dr. Sudhir Chandra Sur Degree Engineering College

Introduction

ree plantation is a vital activity aimed at enhancing environmental health, combating climate change, and improving community well-being. The recent tree plantation event organized by our Biosystem and Ecology Club sought to promote environmental sustainability and foster community engagement. This report provides a detailed overview of the event, its objectives, activities, and outcomes.

Event Objectives

- **Enhance Green Spaces:** Increase the number of trees in the local area to improve air quality and enhance the aesthetic value of the community.
- **Promote Environmental Awareness:** Educate participants about the importance of trees and their role in maintaining ecological balance.
- **Engage Community Members:** Encourage local residents, especially students and youth, to participate in environmental conservation efforts.
- **Support Biodiversity:** Plant a variety of native species to support local wildlife and promote biodiversity.
- **Encourage Sustainable Practices:** Highlight the benefits of tree planting and advocate for sustainable environmental practices.

Event Overview

- **Date and Time:** August 20, 2018, from 9:00 AM to 1:00 PM
- **Location:** Green Park, Downtown City
- **Participants:** Approximately 100 community members, including students, local residents, and environmental enthusiasts
- **Activities:**
 - **Opening Ceremony:** Introduction to the event's objectives and a brief talk on the importance of tree planting.
 - **Tree Planting:** Distribution of saplings and planting activities conducted in designated areas of the park.
 - **Educational Workshop:** A session led by environmental experts on the benefits of trees, proper planting techniques, and tree care.
 - **Interactive Session:** Q&A with experts and hands-on activities for children and adults to learn about different tree species and their ecological roles.
 - **Closing Ceremony:** A summary of the day's activities, acknowledgment of participants, and a presentation on the expected impact of the plantation.

Event Outcome



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

- **Trees Planted:** A total of 200 saplings of various native species were planted in Green Park.
- **Community Engagement:** The event successfully engaged 100 community members, including 40 students, fostering a sense of environmental responsibility.
- **Increased Awareness:** Participants gained valuable insights into the ecological benefits of trees and learned practical skills for tree care and maintenance.
- **Enhanced Green Space:** The park's green cover was significantly improved, contributing to better air quality and a more attractive environment.
- **Follow-Up Actions:** Plans for periodic maintenance of the planted trees were established, with scheduled follow-up events to monitor growth and provide ongoing care.

In summary, the tree plantation event achieved its goals of enhancing local green spaces, promoting environmental awareness, and engaging the community in conservation efforts. The successful execution of the event marks a positive step towards a more sustainable and eco-friendly community.



Figure: Glimpse of Tree Plantation



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

Event report of “Quiz on Environment

Date: March 04, 2019 Location: College Campus

Introduction

In our ongoing effort to raise environmental awareness and foster a deeper understanding of ecological issues, the Biosystem and Ecology Club organized a “Quiz on Environment” event. The quiz aimed to engage participants in a fun and educational manner while highlighting important environmental topics. This report outlines the objectives, overview, and outcomes of the quiz event.

Event Objectives

- **Increase Environmental Knowledge:** Test and expand participants’ understanding of key environmental issues and concepts.
- **Encourage Learning:** Provide an interactive platform for learning about environmental science, conservation, and sustainability.
- **Engage Community:** Foster community involvement and interest in environmental topics through a competitive and entertaining format.
- **Promote Awareness:** Raise awareness about current environmental challenges and solutions through informative quiz questions.
- **Reward Participation:** Recognize and reward participants for their knowledge and enthusiasm towards environmental issues.

Event Overview

- **Format:**
 - **Registration:** Participants signed up in advance and were assigned to teams of 3.
 - **Quiz Structure:**
 - **Preliminary Round:** Multiple-choice questions covering a broad range of environmental topics such as climate change, biodiversity, and pollution.
 - **Interactive Round:** Questions that required participants to solve environmental problems or identify images of different species and ecosystems.
 - **Final Round:** A rapid-fire round with bonus questions and challenges for top-scoring teams.
 - **Judging and Scoring:** Questions were reviewed by a panel of environmental experts, and scores were tallied in real-time.
 - **Awards Ceremony:** Prizes were awarded to the top three teams based on their final scores.

Event Outcome



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

- **Participant Engagement:** 75 participants actively engaged in the quiz, showcasing enthusiasm and knowledge about environmental topics.
- **Knowledge Increase:** Feedback indicated that participants found the quiz both informative and enlightening, with many expressing a greater awareness of environmental issues.
- **Top Performers:** The top three teams demonstrated exceptional knowledge and problem-solving skills, earning awards and recognition.
- **Community Impact:** The quiz successfully brought together diverse community members, fostering a shared interest in environmental conservation.
- **Educational Value:** The quiz format effectively facilitated learning through interactive and competitive elements, making complex environmental topics accessible and engaging.

In summary, the “Quiz on Environment” event achieved its objectives by enhancing environmental knowledge, engaging the community, and promoting awareness through an enjoyable and competitive format. The event not only tested participants’ understanding but also encouraged further learning and interest in environmental issues.



Intra College Quiz Competition on Environment held on 04.03.2019



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

(Community Connect) NSS 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

Environmental Awareness Activity Organized by NSS & Extracurricular Activities Committee

Date- 14th September 2018 **Time:** 11.00 AM

Venue: College premise and surrounding locality Dr. Sudhir Chandra Sur Degree Engineering College

540 DumDum Road, Surer math, (Near Dum Dum Jn. Station), Kolkata-700074 West Bengal

No of Participants: 78

With great pleasure we would like to inform you that the Extra Curricular and NSS Committee members of Dr. Sudhir Chandra Sur Degree Engineering College along with students had organized an activity “Environmental Awareness Activity— Ozone Layer Preservation Day” on 14th September 2018 to aware our society about Nature or Environment.

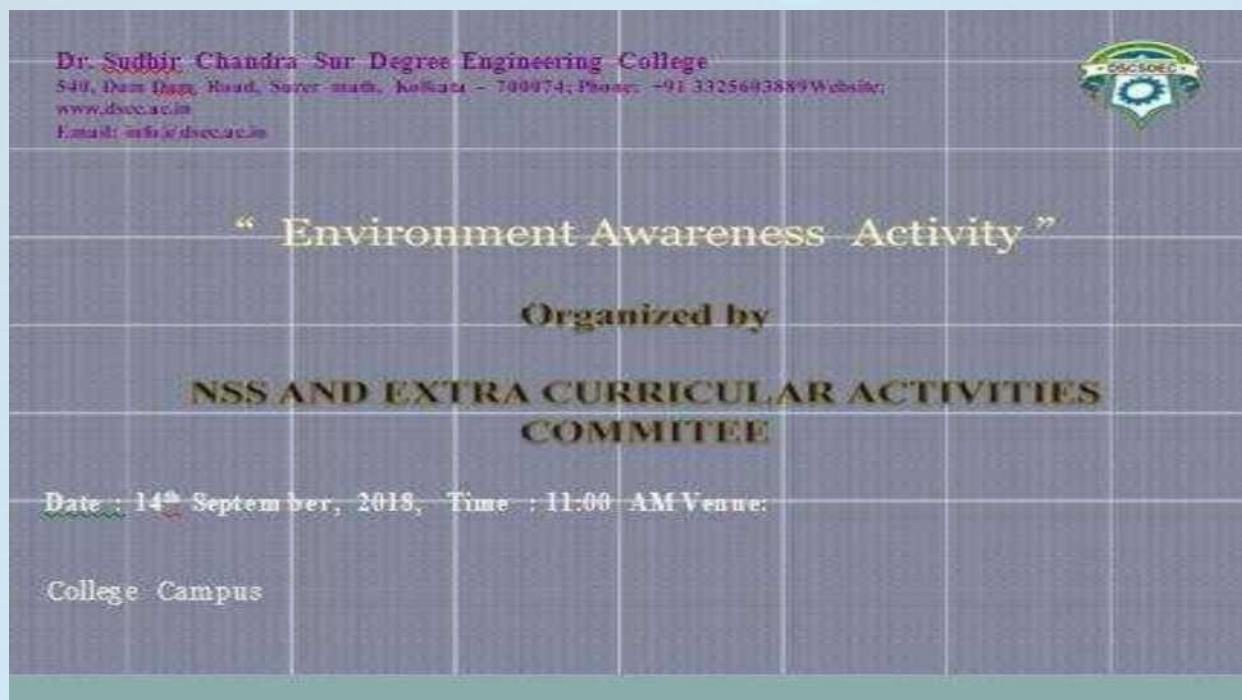
The purpose of the activity was to make people aware about environment, how it helps us through the various aspects of life. Basically, Environmental awareness will help to make natural environment better and help us to make choices that benefit the earth, rather than hurt it.

Name of event	Coordinator	Number of participants
Environmental Awareness Activity	Prof. Debasmila Manna	78



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



Banner of the Environment Awareness Activity on 14th September 2018



Image of the Environment Awareness Activity on 14th September 2018



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

Old Age Home Visit Organized by NSS & Extra Curricular Activities Committee

Date: 2nd May 2019 **Time:** 11.00AM

Venue: Swapna Neerh Old Age Home 412,
Nagar, South Dumdum, West Bengal 700065

No of Participant: 62

Objective: The aim of the program was to encourage the old people to live life with a positive hope. A noble initiative has been taken by the students and staff members of Dr. Sudhir Chandra Sur Degree Engineering College along with NSS and EXTRACURRICULAR Committee on 02/05/2019 to visit the Swapna Neerh Old Age Home under the scheme of Social Awareness. The Non-Profit Organization accommodates nearly two hundred old men and women, generally aged between fifty to ninety years. The purpose behind this visit was to help the Senior citizens in all the possible ways the students could.

The enthusiastic and determined candidates reached the old age home within an hour from the college. They took charge of all the responsibilities of the organization for the rest of the day. All the candidates greeted the residents and took utmost care of them.

The students of the NSS team on visiting the old age home contributed groceries, fruits, sweets and medical kits, in the hope of helping them to some extent. The plight of living in an old age home where you are forced to adjust and reside with unknown people is quite challenging. However, with the passage of time, every member of this organization lives happily and peacefully with a sense of unity among themselves.

The students spent some fun time with the venerable residents of the home by playing a few brain games and listening to interesting stories of the aged people from their real-life experiences. The NSS team has also talked to the in-charge and authorities of the home for knowing about the different schemes and rental systems which the senior citizens have to pay either on a yearly or quarterly basis. On gathering information the NSS team had also contributed a small amount of donation to the home to take up the financial bearings of the senior citizens, especially for those who go through some financial constraints.

Name of event	Coordinator	Number of participants
Old age Home Visit Swapna Neerh	Prof. Debasmita Manna	62



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



Banner of the Old Age Home Visit on 2nd May 2019



Image of the Old Age Home Visit on 2nd May 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

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:

Debate Competition (2018)

The Literary Club of Dr. Sudhir Chandra Sur Degree Engineering College has organized a Debate Competition on 27th July, 2018. The competition featured couple of teams from different departments, each comprising 6-7 members in a group. The debates covered a diverse range of topics, ranging from conventional issues to current affairs, which facilitated in-depth discussions and a wide range of viewpoints. The competition was well-attended by who were actively engaged and provided positive feedback throughout the event. The feedback from participants and attendees was overwhelmingly positive, highlighting the event's role in promoting debate and critical thinking.



Debate Competition on 27.07.2018



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

Observation of Mother Language Day (2019)

The Literary Club of Dr. Sudhir Chandra Sur Degree Engineering College has observed International Mother Language Day on 21st February, 2019. The International Mother Language Day has been observed on as it has a global observance aimed at promoting linguistic and cultural diversity. This year's event has highlighted the importance of preserving and promoting mother languages as a means of fostering multicultural understanding and respect. The celebration featured various activities, including cultural performances, discussions, and workshops. The positive feedback from participants reflects the event's impact on promoting linguistic heritage and enhancing global understanding.



Observation of International Mother Language Day on 21.02.2019

Summary

The year witnessed couple of events organized by the club in order to boost up the confidence level of the students and encourage them to nurture their literary spirits where they can come up with novelty of ideas and work upon their creativity skills for more improvement and better application in different other fields of innovation and creativity.



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

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 Celebration of International Yoga Day Date:

June 21, 2019

Location: College Yoga and Meditation Center.

Introduction

On June 21, 2019, the Yoga and Meditation Club of Dr. Sudhir Ch. Sur Degree Engineering College celebrated International Yoga Day with great success. The event saw vibrant participation from our student body, reflecting the community's strong interest in and commitment to wellness practices. The club organized a series of engaging yoga sessions and meditation workshops, aimed at promoting physical fitness, mental clarity, and emotional balance among students. This celebration not only highlighted the importance of incorporating yoga and meditation into daily routines but also fostered a sense of unity and collective well-being within the institution. The enthusiastic involvement of students underscored the event's success and the growing recognition of the benefits of these practices in enhancing overall health and academic performance.

Event Objectives

- **Promote Yoga Awareness:** Raise awareness about the benefits of yoga, including its impact on physical health, mental clarity, and emotional well-being.
- **Encourage Participation:** Inspire individuals to incorporate yoga into their daily routines by providing them with accessible and engaging yoga sessions.
- **Promote a Healthy Lifestyle:** Encourage participants to adopt and maintain a healthy lifestyle through regular physical activity, mindfulness, and balanced living.
- **Educate and Inform:** Offer educational opportunities about the history, philosophy, and techniques of yoga, enhancing participants' understanding and appreciation of the practice.

Event Overview

It was uplifting to see our students engage enthusiastically in the yoga class and visibly benefit from its mental and physical advantages. Their enthusiasm underscored yoga's positive impact on well-being and daily challenges. The day concluded with a thought-provoking discussion on integrating wellness practices into daily life, bridging theoretical benefits with practical application. With 25 students and 11 faculty members participating, the event fostered a diverse and inclusive atmosphere, highlighting a shared commitment to personal and community well-being. The discussion, enriched by varied perspectives, helped participants understand how to incorporate yoga and mindfulness into their lives for a more balanced existence. Each session included a Q&A segment, allowing for deeper engagement with the topics.



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

Event Outcomes

- Participants gained a deeper understanding of yoga's physical, mental, and emotional benefits, raising overall awareness about the practice.
- The discussions and Q&A sessions provided practical tips and strategies for incorporating yoga and mindfulness into everyday life, bridging the gap between theory and practice.
- The inclusive and interactive nature of the event created a positive and engaging environment, contributing to a more balanced and mindful approach to life.



Figure: A glimpse of the participation of learners on International Yoga Day



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

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: 20/08/2018

Time: 11:00am onwards

Venue: College Ground

No of Participants: 48

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 20th August 2018. The tournament was inaugurated by Hon'ble Principal Sir. The college ground was well decorated and proper demarcations were done for the event. At the end of the Football Tournament the winners and the runners up were awarded with trophy & medals by our Hon'ble Principal sir. The spectators witnessed many amazing skills, ball controls, accuracy in passing, spectacular saves, formidable defensive works, top class goal scoring abilities throughout the tournament.

Outcome of the Event: Proper teamwork, leadership abilities were the key highlights of the tournament.

Few glimpses of the tournament





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: Chess Tournament Date: 24/09/2018 to 26/09/2018 Time: 03:30am onwards Venue: Common

Room No of Participants: 64

Objective: To elevates creativity, better planning skills, competitive mindset

Dr. Sudhir Chandra Sur Degree Engineering College has organized a Chess Tournament from 24/09/2018 to 26/09/2018. Hon'ble Principal Sir has inaugurated the tournament. The tournament was full of creative moves, patience and proper time management. At the end of the Chess Tournament, the winner and the runner up were awarded.

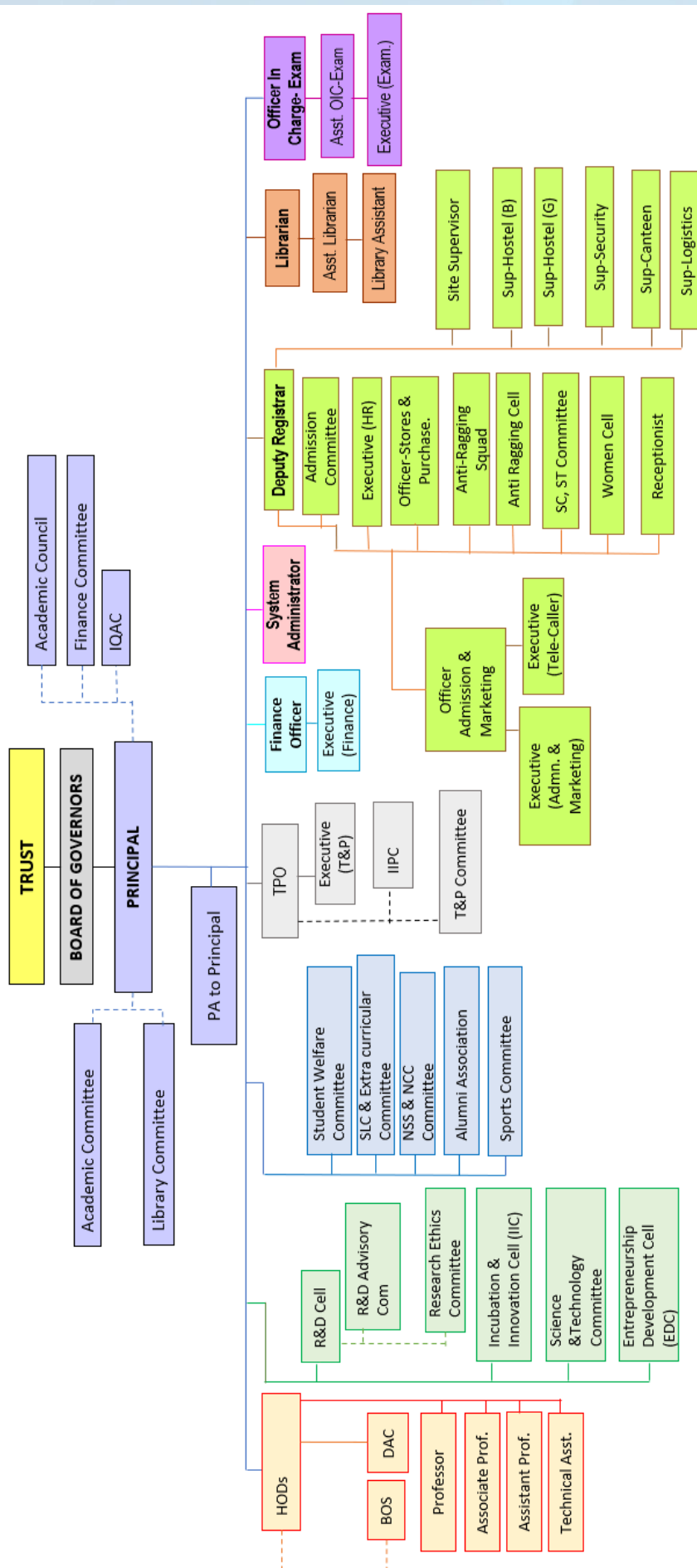
Outcome of the Event: Develops mental acuity, improves coordination and balance were the key highlights of this tournament.

Few glimpses of the tournament



Chess Tournament held on 24.09.2018 to 26.09.2018

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. Dipankar Das	Professor	BSH
2	Dr. Mallika De	Professor	CSE
3	Dr. Swapan Bhattacharya	Professor	ECE
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	95
B.Tech. Electrical Engineering	EE(016)	60	46
B.Tech. Civil Engineering	CE(013)	60	43
B.Tech. Mechanical Engineering	ME(007)	120	98
B.Tech. Automobile Engineering	AUE(032)	60	45
B.Tech. Computer Science and Engineering (Lateral Entry)	CSE (Lateral Entry) 001	12	12
B.Tech. Electronics & Communication Engineering (Lateral Entry)	ECE (Lateral Entry) 003	24	24
B.Tech. Electrical Engineering (Lateral Entry)	EE (Lateral Entry) 016	12	6
B.Tech. Civil Engineering (Lateral Entry)	CE (Lateral Entry) 013	12	12
B.Tech. Mechanical Engineering (Lateral Entry)	ME (Lateral Entry) 007	24	20
B.Tech. Automobile Engineering (Lateral Entry)	AUE (Lateral Entry) 032	12	12
M.Tech. Mechanical Engineering	M.Tech. ME(124)	18	11
M.Tech. Communication Engineering	M.Tech. ECE(705)	18	9

Scholarship

SCHOLARSHIP SCHEME 2018-19 (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 2018 -19) 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** provided 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 2018-19) 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

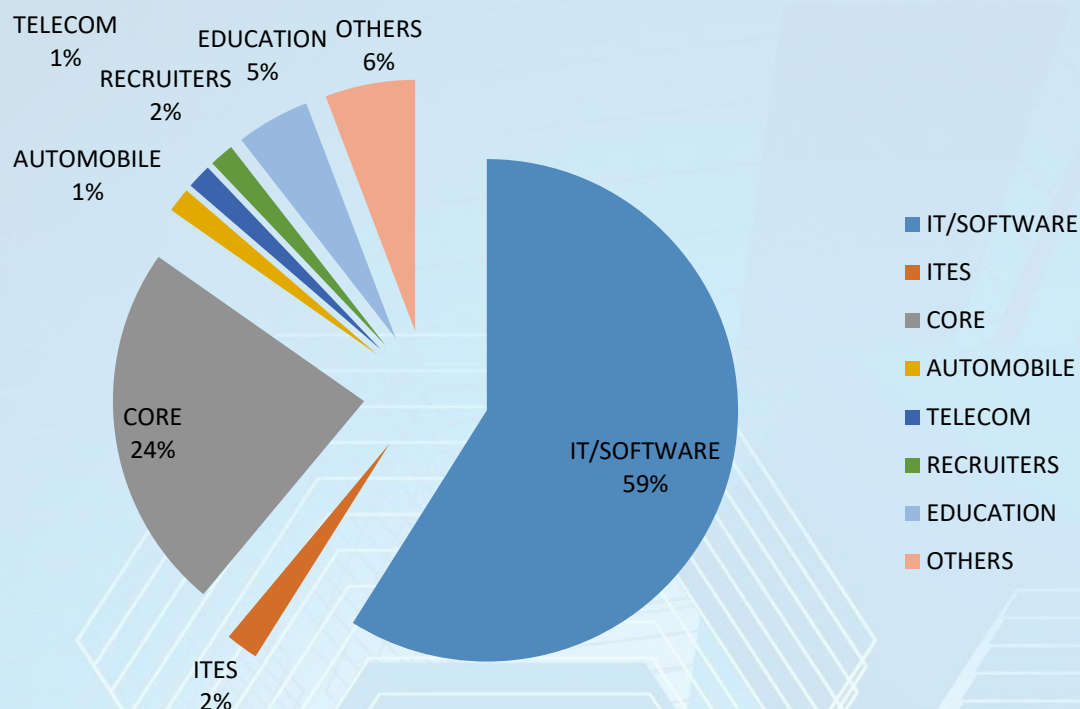
Students of Tripura residentials are eligible for availing Scholarship total of Rs 40000/- (on Tuition fee of Rs. 252000, total course fee Rs. 292650/- for 2018-19)

Other Scholarship Schemes

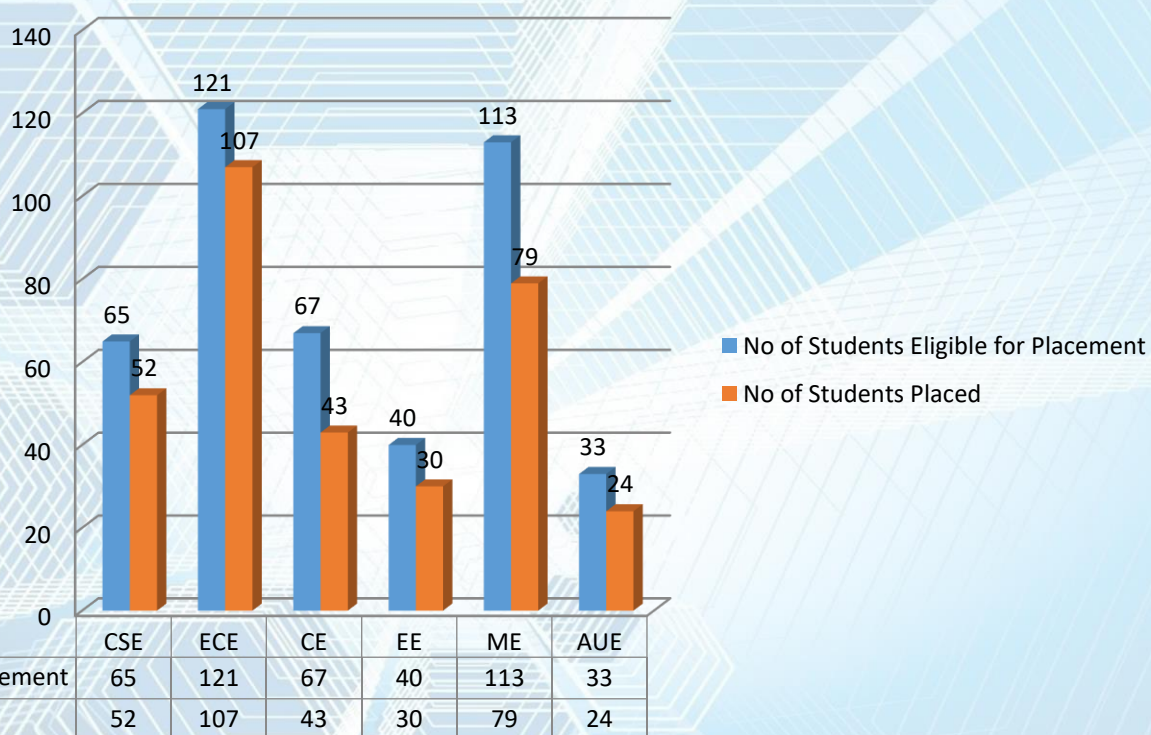
- Students belonging to **Sikh Minority** are eligible for availing special scholarship.
- Students are eligible to get **Half/Full freeship** (on Tuition Fee) having valid financial issues.
- Girls students**, those who secured higher marks are eligible to get **Merit Scholarship**
- Students having 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

Sector Wise Placement 2019



Placement Status 2019



Training & Placement

Details of placement of outgoing students during AY 2018-19

Sl. No.	Name of student placed	Stream	Year of graduation	Name of the employer	Pay package at appointment (in Lakhs)
1	Aakash Maskara	AUE(BTECH)	2019	Asahi Glass	3
2	Abhirup Karmakar	AUE(BTECH)	2019	TATA aig	1.8
3	Aman Raj	AUE(BTECH)	2019	Byjus	5
4	Aniket Ghosh	AUE(BTECH)	2019	Ayant software Pvt.Ltd	1.5
5	Arghadip Chatterjee	AUE(BTECH)	2019	JBS Enterprise	1.08
6	Arpon Majumder	AUE(BTECH)	2019	Ayant software Pvt.Ltd	1.5
7	Ashish Kumar	AUE(BTECH)	2019	JBS Enterprise	1.08
8	Asim Kumar Guru	AUE(BTECH)	2019	Rivigo	3
9	Ayan Banerjee	AUE(BTECH)	2019	TATA aig	1.8
10	Biswajit Barman	AUE(BTECH)	2019	Rivigo	3
11	Debashish Saha	AUE(BTECH)	2019	Bajaj AUTO	1.38
12	Gourab Bhattacharjee	AUE(BTECH)	2019	Rivigo	3
13	Jay Biswas	AUE(BTECH)	2019	Rajsriya Automotive	1.44
14	Md Shabbir	AUE(BTECH)	2019	Bajaj AUTO	1.38
15	Mohammad Abid Khan	AUE(BTECH)	2019	Bajaj AUTO	1.38
16	Nikhil Choubey	AUE(BTECH)	2019	Rajsriya Automotive	1.44
17	Rajdeep Ray	AUE(BTECH)	2019	Acuvate Software	1.8
18	Samrat Chatterjee	AUE(BTECH)	2019	TATA aig	1.8
19	Satayu Ghosh	AUE(BTECH)	2019	Bajaj AUTO	1.38
20	Sayan Kumar Paul	AUE(BTECH)	2019	JBS Enterprise	1.08
21	Sayan Pramanik	AUE(BTECH)	2019	TATA aig	1.8
22	Shibayan Choudhury	AUE(BTECH)	2019	Rajsriya Automotive	1.44
23	Siddharth Prasad	AUE(BTECH)	2019	Amazon	1.74
24	Souvik Mondal	AUE(BTECH)	2019	JBS Enterprise	1.08
25	Utkal Roy	AUE(BTECH)	2019	Bajaj AUTO	1.38

Training & Placement

26	Abhishek Bhattacharya	CE(BTECH)	2019	Genpact	1.8
27	Abhishek Singh	CE(BTECH)	2019	ACC LTD	3.12
28	Nishant Kumar	CE(BTECH)	2019	Rajsriya Automotive	1.44
29	Priyadarshini Basu	CE(BTECH)	2019	Just Dial	2.59
30	Pronoy Roy	CE(BTECH)	2019	AB Polypacks	3
31	Ranvijay Kumar Das	CE(BTECH)	2019	Vansh Construction	1.8
32	Romi Bose	CE(BTECH)	2019	Amazon	1.74
33	Sabir Khan	CE(BTECH)	2019	AB Polypacks	3
34	Sahinur Rahaman	CE(BTECH)	2019	Just Dial	2.59
35	Saminul Islam	CE(BTECH)	2019	Rajsriya Automotive	1.44
36	Samriddha Sen	CE(BTECH)	2019	Amazon	1.74
37	Ajit Kumar Rai	CE(BTECH)	2019	Amazon	1.74
38	Anik Sarkar	CE(BTECH)	2019	Pinnacle Infotech	2.16
39	Anirban Roy	CE(BTECH)	2019	KEC International Ltd	3.35
40	Arghya Das	CE(BTECH)	2019	KEC International Ltd	3.35
41	Arkaprava Bhattacharya	CE(BTECH)	2019	Just Dial	2.59
42	Biswajit Sen	CE(BTECH)	2019	Amazon	1.74
43	D Tomash Biswas	CE(BTECH)	2019	Vansh Construction	1.8
44	Dattatreya Mani	CE(BTECH)	2019	AB Polypacks	3
45	Dipa Hrishikesh	CE(BTECH)	2019	Genpact	1.80
46	Dwaipayan Roy Barman	CE(BTECH)	2019	ACC LTD	3.12
47	Geojit Ghosh	CE(BTECH)	2019	Rajsriya Automotive	1.44
48	Joy Dash	CE(BTECH)	2019	Just Dial	2.59
49	Joydeep Som	CE(BTECH)	2019	ACC LTD	3.12
50	Junaid Ahmad	CE(BTECH)	2019	KEC International Ltd	3.35
51	Md Danish Hussain	CE(BTECH)	2019	Rotodyne	1.8
52	Md Javed Ansari	CE(BTECH)	2019	Pinnacle Infotech	2.16
53	Mohd Ashif Parwez	CE(BTECH)	2019	Amazon	1.74
54	Nandan Maity	CE(BTECH)	2019	KEC International Ltd	3.35
55	Neeraj Kumar Singh	CE(BTECH)	2019	ACC LTD	3.12

Training & Placement

56	Nibir Saha	CE(BTECH)	2019	Just Dial	2.59
57	Sarfaraj Islam	CE(BTECH)	2019	Just Dial	2.59
58	Sayantan Das	CE(BTECH)	2019	Rajsriya Automotive	1.44
59	Soham Chattopadhyay	CE(BTECH)	2019	Rotodyne	1.8
60	Soumen Mondal	CE(BTECH)	2019	Rajsriya Automotive	1.44
61	Soumyadeb Paul	CE(BTECH)	2019	Amazon	1.74
62	Sourav Mitra	CE(BTECH)	2019	Vansh Construction	1.8
63	Subham Hazarika	CE(BTECH)	2019	KEC International Ltd	3.35
64	Subhankar Patra	CE(BTECH)	2019	Genpact	1.80
65	Subhodeep Basak	CE(BTECH)	2019	Vansh Construction	1.8
66	Sukalyan Maity	CE(BTECH)	2019	Vansh Construction	1.8
67	Suman Chandra	CE(BTECH)	2019	Pinnacle Infotech	2.16
68	Supratim Chatterjee	CE(BTECH)	2019	Rotodyne	1.8
69	Abhijit Sen	CSE(BTECH)	2019	Informetika	3
70	Abhimanyu Chakraborty	CSE(BTECH)	2019	Vap Technology	1.33
71	Agnisha Paul	CSE(BTECH)	2019	Seap Infotech	1.44
72	Alokananda Ghosh	CSE(BTECH)	2019	CAPGEMINI	3.8
73	Amanisha Das	CSE(BTECH)	2019	Ridhima	1.80
74	Anannya Bhattacharjee	CSE(BTECH)	2019	TCS	3.36
75	Ananya Chakraborty	CSE(BTECH)	2019	CTS	3.38
76	Anik Banik	CSE(BTECH)	2019	CTS	3.38
77	Arindam Maity	CSE(BTECH)	2019	Protiviti	1.92
78	Arpan Das	CSE(BTECH)	2019	TCS	3.36
79	Barna Mahato	CSE(BTECH)	2019	Optimize IT	1.8
80	Bidisha Ghosh	CSE(BTECH)	2019	HCL Technology	2.6
81	Bishal Ghosh	CSE(BTECH)	2019	TCS	3.36
82	Chayan Datta	CSE(BTECH)	2019	Mantra Lab	3.25
83	Debasmita Bhattacharyya	CSE(BTECH)	2019	CAPGEMINI	3.8
84	Dyuti Giri	CSE(BTECH)	2019	3rd Life	1.08

Training & Placement

85	Gurveen Kaur	CSE(BTECH)	2019	Embee Software	2.24
86	Kalyan Jana	CSE(BTECH)	2019	Mantra Lab	3.25
87	Madhumita Das	CSE(BTECH)	2019	CAPGEMINI	3.8
88	Madhurima Chanda	CSE(BTECH)	2019	HCL Technology	2.6
89	N Gulshan Kumar	CSE(BTECH)	2019	Embee Software	2.24
90	Nihar Choudhary	CSE(BTECH)	2019	Vap Technology	1.33
91	Nilotpal Majumdar	CSE(BTECH)	2019	CAPGEMINI	3.8
92	Oindrila Mukherjee	CSE(BTECH)	2019	CTS	3.38
93	Poulami Chakraborty	CSE(BTECH)	2019	Wipro	3.5
94	Pratik Mandal	CSE(BTECH)	2019	TCS	3.36
95	Purnima Kalwar	CSE(BTECH)	2019	HCL Technology	2.6
96	Raj Kumar Sharma	CSE(BTECH)	2019	Ridhima	1.80
97	Ritwik Sarkar	CSE(BTECH)	2019	IBS Software	3.36
98	Rohan Sen	CSE(BTECH)	2019	Vap Technology	1.33
99	Rohit Yadav	CSE(BTECH)	2019	Just Dial	2.59
100	Satish Kumar Sharma	CSE(BTECH)	2019	TCS	3.36
101	Saurav Ghosh	CSE(BTECH)	2019	CAPGEMINI	3.8
102	Sayan Paul	CSE(BTECH)	2019	Ayant software Pvt.Ltd	1.5
103	Sayantan Banerjee	CSE(BTECH)	2019	TCS	3.36
104	Shalini Yadav	CSE(BTECH)	2019	TCS	3.36
105	Shrinjoy Saha	CSE(BTECH)	2019	Wipro	3.5
106	Shubham Kumar	CSE(BTECH)	2019	CAPGEMINI	3.8
107	Shuvam Ghosh	CSE(BTECH)	2019	Seap Infotech	1.44
108	Simran Parveen	CSE(BTECH)	2019	Vap Technology	1.33
109	Sohini Banerjee	CSE(BTECH)	2019	Vap Technology	1.33
110	Sonu Ray	CSE(BTECH)	2019	Ridhima	1.80
111	Soubhik Samadder	CSE(BTECH)	2019	Seap Infotech	1.44
112	Sourya Bhattacharjee	CSE(BTECH)	2019	Ayant software Pvt.Ltd	1.5
113	Souvik Chakraborty	CSE(BTECH)	2019	Protiviti	1.92
11	Souvik Podder	CSE(BTECH)	2019	TCS	3.36

Training & Placement

115	Srijoni Dutta	CSE(BTECH)	2019	Wipro	3.5
116	Subham Kumar Prasad	CSE(BTECH)	2019	Amazon	1.74
117	Subham Seth	CSE(BTECH)	2019	Ridhima	1.80
118	Sunil Kumar Bhagat	CSE(BTECH)	2019	Wipro	3.5
119	Sunit Routh	CSE(BTECH)	2019	Ridhima	1.80
120	Tamalika Mallick	CSE(BTECH)	2019	3rd Life	1.08
121	Tithi Saha	CSE(BTECH)	2019	TCS	3.36
122	Utsav Roy	CSE(BTECH)	2019	Kasura	3.5
123	Vishal Murmu	CSE(BTECH)	2019	Just Dial	2.59
124	Aakash Patania	ECE(BTECH)	2019	Mphasis	3.25
125	Abhira Paul	ECE(BTECH)	2019	Seap Infotech	1.44
126	Abhishek Singh	ECE(BTECH)	2019	Mphasis	3.25
127	Aditya Roy	ECE(BTECH)	2019	Amazon	1.74
128	Akanksha Pathak	ECE(BTECH)	2019	JR Technologies	1.44
129	Amalandu Dutta	ECE(BTECH)	2019	3rd Life	1.08
130	Amarendra Nath Mishra	ECE(BTECH)	2019	Ayant software Pvt.Ltd	1.5
131	Amit Kumar Sarkar	ECE(BTECH)	2019	Capgemini	3.8
132	Amrit Kaur	ECE(BTECH)	2019	HCL Technology	2.6
133	Anirban Bhowmick	ECE(BTECH)	2019	Eclipse Technology Solutions	1.50
134	Anish Kumar Das	ECE(BTECH)	2019	Capgemini	3.8
135	Anisha Sharma	ECE(BTECH)	2019	TCS	3.36
136	Ankit Choudhary	ECE(BTECH)	2019	Capgemini	3.8
137	Aradhana Das	ECE(BTECH)	2019	Ayant software Pvt.Ltd	1.5
138	Arijit Mazumder	ECE(BTECH)	2019	CTS	3.38
139	Arindam Basak	ECE(BTECH)	2019	CTS	3.38
140	Arpan Pramanik	ECE(BTECH)	2019	Mantra Lab	3.75
141	Arup Naskar	ECE(BTECH)	2019	Eclipse Technology Solutions	1.50
142	Asitarchi Guha	ECE(BTECH)	2019	Wipro	3.5
143	Debarghya Das	ECE(BTECH)	2019	Tech Mahindra	3.25

Training & Placement

144	Debdulal Mitra	ECE(BTECH)	2019	Tech Mahindra	3.25
145	Debjit Mahato	ECE(BTECH)	2019	Ayant software Pvt.Ltd	1.5
146	Dipanwita Roy	ECE(BTECH)	2019	CTS	3.38
147	Divya Kumari	ECE(BTECH)	2019	Ayant software Pvt.Ltd	1.5
148	Gourab Som	ECE(BTECH)	2019	KEC International	3.35
149	Gourav Sarkar	ECE(BTECH)	2019	KEC International	3.35
150	Gurveer Kaur	ECE(BTECH)	2019	JR Technologies	1.44
151	Jasmine Kaur Virdi	ECE(BTECH)	2019	JR Technologies	1.44
152	Jewel Sain	ECE(BTECH)	2019	Ayant software Pvt.Ltd	1.5
153	Jyotirmoy Das	ECE(BTECH)	2019	Capgemini	3.8
154	Kamalina Mukherjee	ECE(BTECH)	2019	Vap Technology	1.33
155	Kaustav Bhattacharjee	ECE(BTECH)	2019	Vap Technology	1.33
156	Madhurima Kundu	ECE(BTECH)	2019	Protiviti	1.92
157	Mainak Bhattacharjee	ECE(BTECH)	2019	Wipro	3.5
158	Mallika Nath	ECE(BTECH)	2019	Ridhima	1.8
159	Manish Singh	ECE(BTECH)	2019	Capgemini	3.8
160	Md Awaish Khan	ECE(BTECH)	2019	CTS	3.38
161	Mithun Mahato	ECE(BTECH)	2019	HCL Technology	2.6
162	Monojyoti Goswami	ECE(BTECH)	2019	ARC Document Solutions Pvt. Ltd.	2.16
163	Moumita Chatterjee	ECE(BTECH)	2019	JR Technologies	1.44
164	Nabanita Debnath	ECE(BTECH)	2019	Wipro	3.5
165	Nabyendu Das	ECE(BTECH)	2019	Ayant software Pvt.Ltd	1.5
166	Navneet Kaur	ECE(BTECH)	2019	Capgemini	3.8
167	Nidhi Jaiswal	ECE(BTECH)	2019	Ridhima	2.4
168	Nishi Burman	ECE(BTECH)	2019	TCS	3.36
169	Poulami Chaudhuri	ECE(BTECH)	2019	TCS	3.36
170	Poulami Dutta	ECE(BTECH)	2019	CTS	3.38
171	Pratibha Sharma	ECE(BTECH)	2019	Capgemini	3.8
172	Rahul Das	ECE(BTECH)	2019	Tech Mahindra	3.25
173	Rahul Kumar	ECE(BTECH)	2019	Capgemini	3.8

Training & Placement

174	Rahul Nandy	ECE(BTECH)	2019	Wipro	3.5
175	Rajat Mitra	ECE(BTECH)	2019	Amazon	1.74
176	Rakhi Singh	ECE(BTECH)	2019	TCS	3.36
177	Rana Pratap Gupta	ECE(BTECH)	2019	Genpact	1.8
178	Ritasree Mondal	ECE(BTECH)	2019	IBM	3.64
179	Rochita Bagchi	ECE(BTECH)	2019	Capgemini	3.8
180	Runa Khatun	ECE(BTECH)	2019	Amazon	1.74
181	Sampurna Das	ECE(BTECH)	2019	Tech Mahindra	3.25
182	Samudra Saha	ECE(BTECH)	2019	Amazon	1.74
183	Santosh Sharma	ECE(BTECH)	2019	TCS	3.36
184	Sayak Sen	ECE(BTECH)	2019	CTS	3.38
185	Sayan Mukherjee	ECE(BTECH)	2019	Mantra Lab	3.75
186	Sayan Pal	ECE(BTECH)	2019	Amazon	1.74
187	Shaikat Kanti Nath	ECE(BTECH)	2019	Capgemini	3.8
188	Shalini Ghosh	ECE(BTECH)	2019	Amazon	1.74
189	Shaon Baidya	ECE(BTECH)	2019	Protiviti	1.92
190	Shibanjan Das	ECE(BTECH)	2019	Sasken	3.49
191	Shuvajit Mallick	ECE(BTECH)	2019	Tech Mahindra	3.25
192	Sibani Das	ECE(BTECH)	2019	Amazon	1.74
193	Siladitya Dey	ECE(BTECH)	2019	Ridhima	1.8
194	Snehasish Naskar	ECE(BTECH)	2019	Mantra Lab	3.75
195	Soham Roy	ECE(BTECH)	2019	Ridhima	1.8
196	Soham Singha Roy	ECE(BTECH)	2019	TCS	3.36
197	Souvagya Chatterjee	ECE(BTECH)	2019	TCS	3.36
198	Souvik Ganguly	ECE(BTECH)	2019	CTS	3.38
199	Souvik Rakshit	ECE(BTECH)	2019	TCS	3.36
200	Srijani Seth	ECE(BTECH)	2019	Amazon	1.74
201	Subhadeep Dutta	ECE(BTECH)	2019	Eclipse Technology Solutions	1.50
202	Subhajit Das	ECE(BTECH)	2019	TCS	3.36

Training & Placement

203	Subhajit Dey	ECE(BTECH)	2019	ANG India	2.10
204	Subhankar Sinha	ECE(BTECH)	2019	TCS	3.36
205	Subhasis Datta	ECE(BTECH)	2019	Wipro	3.5
206	Sudipta Basak	ECE(BTECH)	2019	Ayant software Pvt.Ltd	1.5
207	Sumit Shukla	ECE(BTECH)	2019	Ayant software Pvt.Ltd	1.5
208	Supriyo Nag	ECE(BTECH)	2019	Amazon	1.74
209	Sushmita Das	ECE(BTECH)	2019	Ridhima	1.8
210	Swagatam Sanyal	ECE(BTECH)	2019	Seap Infotech	1.44
211	Swaraj Dutta	ECE(BTECH)	2019	Just Dial	2.59
212	Swarnab Jyoti Choudhury	ECE(BTECH)	2019	TCS	3.36
213	Tandrima Khan	ECE(BTECH)	2019	Genpact	1.8
214	Tania Das	ECE(BTECH)	2019	3rd Life	1.08
215	Tania Dey	ECE(BTECH)	2019	TCS	3.36
216	Tanishq Sharma	ECE(BTECH)	2019	Mantra Lab	3.75
217	Tarun Prakash	ECE(BTECH)	2019	Tech Mahindra	3.25
218	Tasnim Nikhat	ECE(BTECH)	2019	IBM	3.64
219	Tridip Ghosh	ECE(BTECH)	2019	Tech Mahindra	3.25
220	Vishal Dutta	ECE(BTECH)	2019	Tech Mahindra	3.25
221	Yash Gupta	ECE(BTECH)	2019	3rd Life	1.08
222	Indrani Chakraborty	ECE(MTECH)	2019	Mantra Lab	3.75
223	Komal Kumari	ECE(MTECH)	2019	Schnidar Electric	3.75
224	Mrinmoyee Choudhuri	ECE(MTECH)	2019	CTS	3.38
225	Nisha Awarwal	ECE(MTECH)	2019	Mantra Lab	3.75
226	Prateep Kumar Sengupta	ECE(MTECH)	2019	Schnidar Electric	3.75
227	Priyabrata Choudhury	ECE(MTECH)	2019	Tech Mahindra	3.25
228	Priyanka Pramanik	ECE(MTECH)	2019	Jis College of Engineering	2.63
229	Sagnik Pal	ECE(MTECH)	2019	CTS	3.38
230	Sayan Das	ECE(MTECH)	2019	Tech Mahindra	3.25
231	Amir Hasan	EE(BTECH)	2019	Eclipse Technology Solutions	1.50
232	Antara Das	EE(BTECH)	2019	TCS	3.36

Training & Placement

233	Arijit Chowdhury	EE(BTECH)	2019	Capgemini	3.8
234	Arindam Das	EE(BTECH)	2019	Ang India	2.10
235	Arnab Paul	EE(BTECH)	2019	Wishbag Technology Pvt Ltd	1.02
236	Dipankar Halder	EE(BTECH)	2019	Genpact	1.8
237	Manisha Prasad	EE(BTECH)	2019	HCL Technology	2.6
238	Md Manzar Alam	EE(BTECH)	2019	TCS	3.36
239	Moloy Kumar Das	EE(BTECH)	2019	Mantra Lab	3.75
240	Monalisha Debnath	EE(BTECH)	2019	Manikaran	2.26
241	Moumita Lodh	EE(BTECH)	2019	Merit Recharch	1.92
242	Mridul Majhi	EE(BTECH)	2019	Amazon	1.74
243	Prithwidipta Samajpati	EE(BTECH)	2019	Genpact	1.8
244	Rahul Chakraborty	EE(BTECH)	2019	Amazon	1.74
245	Rahul Das	EE(BTECH)	2019	Mantra Lab	3.75
246	Rajesh Das	EE(BTECH)	2019	TCS	3.36
247	Sayani Nandy	EE(BTECH)	2019	Ayant software Pvt.Ltd	1.5
248	Sorbasish Shaw	EE(BTECH)	2019	Amazon	1.74
249	Soumyadeep Sen	EE(BTECH)	2019	Seap Infotech	1.44
250	Soumyajit Bhattacharya	EE(BTECH)	2019	Net 2 Source	3
251	Souradip Chakraborty	EE(BTECH)	2019	Manikaran	1.92
252	Souren Mondal	EE(BTECH)	2019	Wipro Technology	3.5
253	Souvik Dhar	EE(BTECH)	2019	Amazon	1.74
254	Subho Ghosh	EE(BTECH)	2019	Ayant software Pvt.Ltd	1.5
255	Subhojit Gorai	EE(BTECH)	2019	HCL Technology	2.6
256	Subhrajyoti Sarkar	EE(BTECH)	2019	CTS	3.38
257	Abhijit Das	ME(BTECH)	2019	Kinlong Hardware Pvt Ltd	1.8
258	Abhik Kumar Mitra	ME(BTECH)	2019	India Mart	3
259	Abhishek Kumar	ME(BTECH)	2019	KEC International	3.35
260	Agniv Chatterjee	ME(BTECH)	2019	ARC Document Solutions India Pvt. Ltd	2.16
2611	Akshay Raj	ME(BTECH)	2019	Exquisite	1.2

Training & Placement

262	Alok Kumar Pandey	ME(BTECH)	2019	Justdail	2.59
263	Amartya Gupta	ME(BTECH)	2019	Kinlong Hardware Pvt Ltd	1.8
264	Amit Kumar	ME(BTECH)	2019	Techno Trade	1.44
265	Anirban Dutta	ME(BTECH)	2019	Justdail	2.59
266	Aniruddha Pal	ME(BTECH)	2019	India Mart	3
267	Ardhendu Saha	ME(BTECH)	2019	Techno Trade	1.44
268	Aritra Kundu	ME(BTECH)	2019	Ang India	2.16
269	Arjya Biswas	ME(BTECH)	2019	India Mart	3
270	Arka Chatterjee	ME(BTECH)	2019	Kinlong Hardware Pvt Ltd	1.8
271	Arka Ghosh	ME(BTECH)	2019	India Mart	3
272	Arnab Roychowdhury	ME(BTECH)	2019	Techno Trade	1.44
273	Arpan Banerjee	ME(BTECH)	2019	Amazon	1.74
274	Arpan Sarkar	ME(BTECH)	2019	Pinnacle Infotech	2.16
275	Atanu Sardar	ME(BTECH)	2019	ARC Document Solutions India Pvt. Ltd	2.16
276	Aun Bin Saba	ME(BTECH)	2019	Amazon	1.74
277	Avideb Dutta	ME(BTECH)	2019	Techno Trade	1.44
278	Avik Kumar Nag	ME(BTECH)	2019	India Mart	3
279	Bappaditya Sekhar	ME(BTECH)	2019	Ang India	2.16
280	Biswarup Mondal	ME(BTECH)	2019	Kinlong Hardware Pvt Ltd	1.8
281	Deb Rishi Dutta	ME(BTECH)	2019	India Mart	3
282	Deepak Singh	ME(BTECH)	2019	Kinlong Hardware Pvt Ltd	1.8
283	Diptarekh Bhar	ME(BTECH)	2019	India Mart	3
284	Gourab Chatterjee	ME(BTECH)	2019	AB Polypacks	3
285	Harpreet Singh	ME(BTECH)	2019	Rotodyne	1.8
286	Kashif Fazil Ansari	ME(BTECH)	2019	Amazon	1.74
287	Kunal Das	ME(BTECH)	2019	KEC International	3.35
288	Kuntal Mondal	ME(BTECH)	2019	AB Polypacks	3
289	Md Abid	ME(BTECH)	2019	Kinlong Hardware Pvt Ltd	1.8
290	Md Ezaz Afzal Ansari	ME(BTECH)	2019	Rotodyne	1.8
291	Md Sahnwaz Alam	ME(BTECH)	2019	Amazon	1.74

Training & Placement

292	Md Shakir	ME(BTECH)	2019	Justdail	2.59
293	Mousam Biswas	ME(BTECH)	2019	Rotodyne	1.8
294	Mrityunjoy Jana	ME(BTECH)	2019	Amazon	1.74
295	Niraj Kumar Singh	ME(BTECH)	2019	Justdail	2.59
296	Rahul Das Majumder	ME(BTECH)	2019	ARC Document Solutions India Pvt. Ltd	2.16
297	Raj Prabhakar	ME(BTECH)	2019	Rotodyne	1.8
298	Rajdeep Banik	ME(BTECH)	2019	KEC International	3.35
299	Rajdeep Hore	ME(BTECH)	2019	Amazon	1.74
300	Rajesh Kundu	ME(BTECH)	2019	KEC International	3.35
301	Ranjit Kumar Sharma	ME(BTECH)	2019	Genpact	1.8
302	Rishav Sarkar	ME(BTECH)	2019	AB Polypacks	3
303	Rishika Saha	ME(BTECH)	2019	Genpact	1.8
304	Sahil Ganju	ME(BTECH)	2019	ARC Document Solutions India Pvt. Ltd	2.16
305	Samrat Ghosh	ME(BTECH)	2019	Amazon	1.74
306	Santu Ghorai	ME(BTECH)	2019	Techno Trade	1.44
307	Shivam Kumar	ME(BTECH)	2019	AB Polypacks	3
308	Shivam Lahoty	ME(BTECH)	2019	India Mart	3
309	Siddhant Rathi	ME(BTECH)	2019	Pinnacle Infotech	2.16
310	Soubhik Samadder	ME(BTECH)	2019	AB Polypacks	3
311	Sourya Bhattacharjee	ME(BTECH)	2019	Amazon	1.74
312	Souvik Chakraborty	ME(BTECH)	2019	Rotodyne	1.8
313	Subham Dey	ME(BTECH)	2019	Genpact	1.8
314	Subhash Kumar	ME(BTECH)	2019	Pinnacle Infotech	2.16
315	Sukanta Bera	ME(BTECH)	2019	Rajsriya Automotive	1.44
316	Suman Kumar Maity	ME(BTECH)	2019	Techno Trade	1.44
317	Suman Nayek	ME(BTECH)	2019	Techno Trade	1.44
318	Suranjan Sain	ME(BTECH)	2019	India Mart	3
319	Susanta Paul	ME(BTECH)	2019	Rotodyne	1.8
320	Tirthojit Majumdar	ME(BTECH)	2019	Ang India	2.16

Training & Placement

321	Tuhin Karmakar	ME(BTECH)	2019	Pinnacle Infotech	2.16
322	Tuhin Roy	ME(BTECH)	2019	Rotodyne	1.8
323	Tuhin Subhra Biswas	ME(BTECH)	2019	Justdail	2.59
324	Vikas Kumar	ME(BTECH)	2019	India Mart	3
325	Arindam Banerjee	ME(MTECH)	2019	Prisam Johnson	3.5
326	Debasish Dutta	ME(MTECH)	2019	Ewac	3.2
327	Indranil Halder	ME(MTECH)	2019	Pinnacle Infotech	2.16
328	Mahabir Ghosh	ME(MTECH)	2019	Narula Institute of Technology	2.63
329	Mirza Yusuf Humayun	ME(MTECH)	2019	Narula Institute of Technology	2.63
330	Pravin Kumar	ME(MTECH)	2019	Ewac	3.2
331	Rajdeep Biswas	ME(MTECH)	2019	Jis College of Engineering	2.63
332	Rana Abu Dawood Humayun Akhter	ME(MTECH)	2019	Jis College of Engineering	2.63
333	Simarpreet Singh	ME(MTECH)	2019	Prisam Johnson	3.5
334	Soumak Bhattacharya	ME(MTECH)	2019	Jis College of Engineering	2.63
335	Tamojit Dutta	ME(MTECH)	2019	Ewac	3.2

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
2018-19	Aparajita Mallik	B.Tech in CE	2019	San Jose State University	MS
	Diptarka Mukherjee	B.Tech in CE	2019	NIT Surathkal	M.Tech in Construction Technology and Management
	Niraj Singh	B.Tech in CE	2019	Narula Institute of Technology	M.Tech in Structural Engineering
	Ankit Kundu	B.Tech in CE	2019	Narula Institute of Technology	M.Tech in Structural Engineering
	Avik Ghosh	B.Tech in CE	2019	Camelia School of Engineering and Technology	M.Tech in Civil Engineering
	Shyamasree Saha	B.Tech in CE	2019	Regional College of Management, Bangalore	MBA
	Dattareyo Mani	B.Tech in CE	2019	National Institute of Construction Management and Research	MBA
	Partha Dhara	B.Tech in CE	2019	Narula Institute of Technology	M.Tech in Structural Engineering
	Manisha Bar	B.Tech in CE	2019	Regional College of Management, Bangalore	MBA
	Prokash Mazumder	B.Tech in CE	2019	Camelia School of Engineering and Technology	M.Tech in Civil Engineering
	Rupkatha Bhattacharjee	B.Tech in CE	2019	JIS College of Engineering	MBA
	Oishi Mitra	B.Tech in CE	2019	JIS College of Engineering	MBA
	Diptanu Joardar	B.Tech in ECE	2019	MAKAUT	M.TECH
	Agniv Chatterjee	B.Tech ME	2019	Goa Institute of Management	MBA

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
2018-19	Aparajita Mallik	B.Tech in CE	2019	San Jose State University	MS
	Diptarka Mukherjee	B.Tech in CE	2019	NIT Surathkal	M.Tech in Construction Technology and Management
	Niraj Singh	B.Tech in CE	2019	Narula Institute of Technology	M.Tech in Structural Engineering
	Ankit Kundu	B.Tech in CE	2019	Narula Institute of Technology	M.Tech in Structural Engineering
	Avik Ghosh	B.Tech in CE	2019	Camelia School of Engineering and Technology	M.Tech in Civil Engineering
	Shyamasree Saha	B.Tech in CE	2019	Regional College of Management, Bangalore	MBA
	Dattareyo Mani	B.Tech in CE	2019	National Institute of Construction Management and Research	MBA
	Partha Dhara	B.Tech in CE	2019	Narula Institute of Technology	M.Tech in Structural Engineering
	Manisha Bar	B.Tech in CE	2019	Regional College of Management, Bangalore	MBA
	Prokash Mazumder	B.Tech in CE	2019	Camelia School of Engineering and Technology	M.Tech in Civil Engineering
	Rupkatha Bhattacharjee	B.Tech in CE	2019	JIS College of Engineering	MBA
	Oishi Mitra	B.Tech in CE	2019	JIS College of Engineering	MBA
	Diptanu Joardar	B.Tech in ECE	2019	MAKAUT	M.TECH
	Agniv Chatterjee	B.Tech ME	2019	Goa Institute of Management	MBA

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 2018-19

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 41,259 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: 29,905

Reference Books: 11,354

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: 157

E-Journal: 186

Database : More than 40,000+ Indexed Journals

CD/DVD: 40+

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

186 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 – 157.

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 40 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) 2018-19

Memorandum of Understanding (MoU) 2018-19

Year	Partner/Institution	Date	Scope of Collaboration
2018-19	TRIDENT TECHLABS PVT. LTD	13.08.2018	The Trainer Program, Student Internship, Seminar/Webinar, Placement Assistance
	JLD College	10.09.2018	Collaborative Research Activities, Seminar/Webinar, Faculty FDP etc.

JLD College of Engineering And Management



Memorandum of Understanding (MoU) with Dr. Sudhir Chandra Sur Degree Engineering College and JLD College of Engineering And Management on 10/09/2018

TRIDENT TECHLABS PVT. LTD.



Memorandum of Understanding (MoU) with Dr. Sudhir Chandra Sur Degree Engineering College and TRIDENT TECHLABS PVT. LTD. on 13/08/2018

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 2018-19

IT Resources

Hardware

SERVER - 2

DESKTOP - 399

LAPTOP- 7

LCD Projector -12

Switches - 28

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

Printers - 40

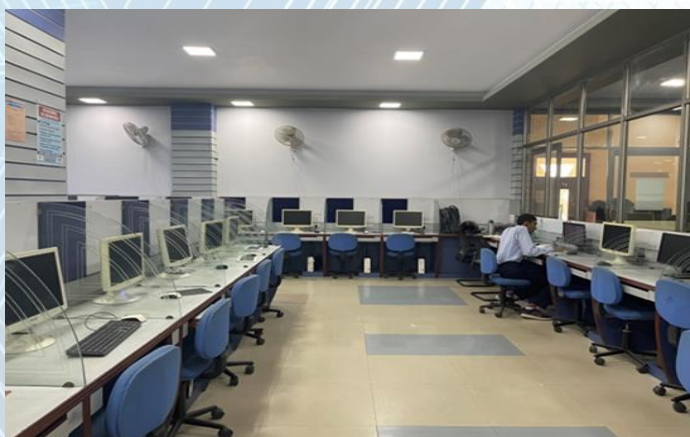
Scanners - 05

Photocopiers -1

Video Conferencing Systems-1

Wifi Devices = 30 Bio Metric Device = 2

CCTV Cameras - 98



IT Resources

Services

WiFi Bandwidth –

20-30 Mbps Average from campus Infrastructure from, 150 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)

Applica- tion 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

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

Department of Basic Science and Humanities

ANNUAL REPORT 2018-19

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.

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

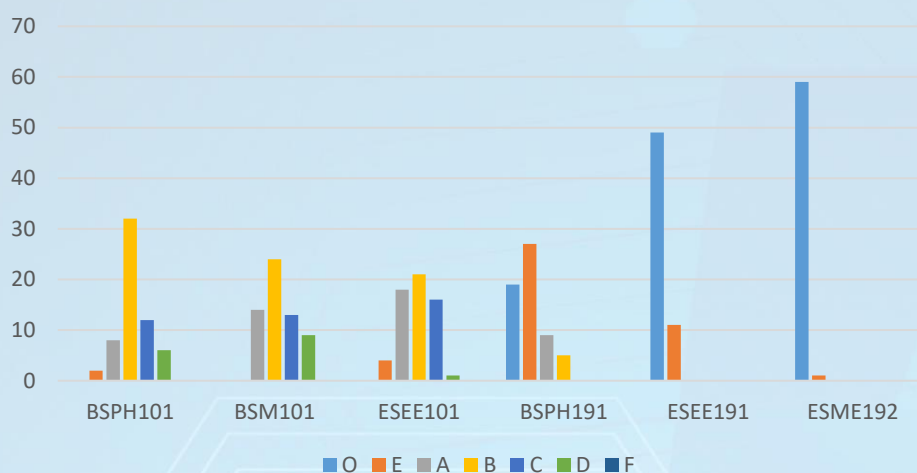
Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Department of Basic Science and Humanities

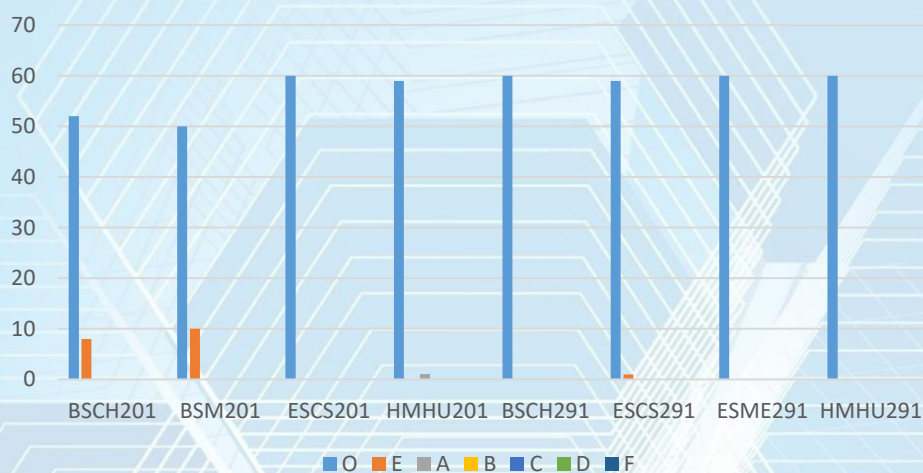
Result Analysis 2018-19

Department of Basic Science and Humanities

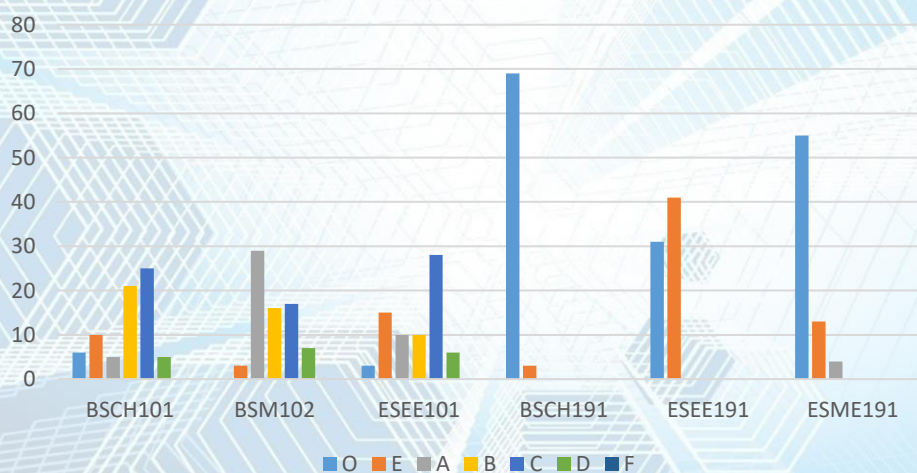
CSE, 1st semester



CSE, 2nd semester



ECE, 1st semester

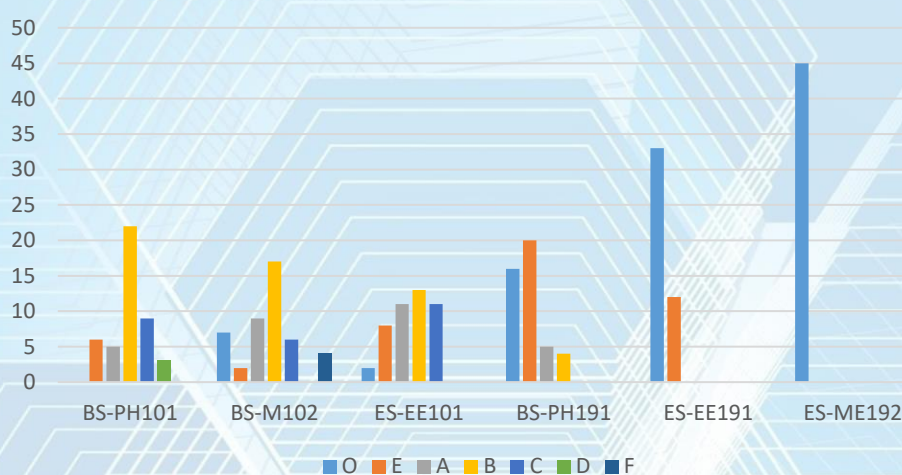


Department of Basic Science and Humanities

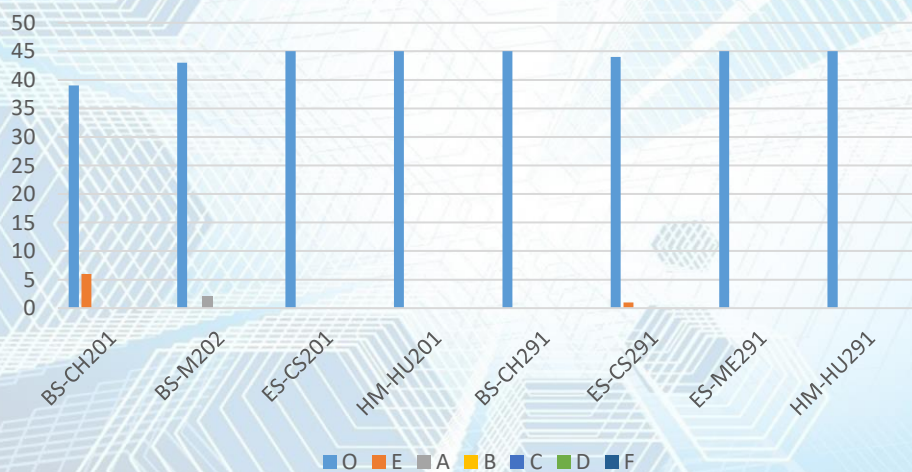
ECE, 2nd semester



AUE, 1st semester

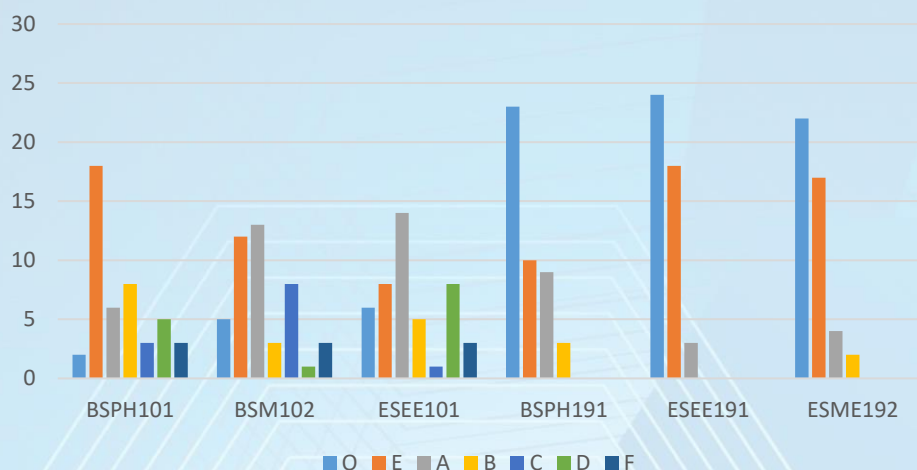


AUE, 2nd semester

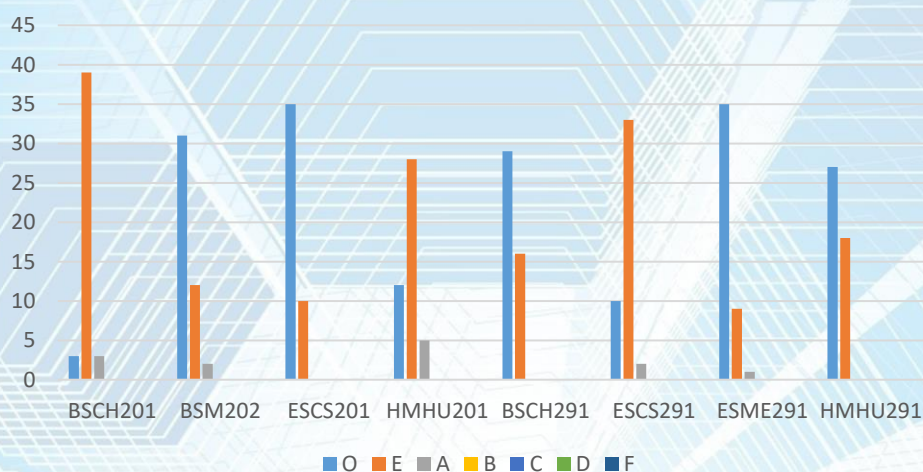


Department of Basic Science and Humanities

CE, 1st Semester



CE, 2nd semester



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

Department of Civil Engineering

ANNUAL REPORT 2018-19

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

Mr. Baibaswata Das completed 5 day's Faculty development program on Impact of Emerging Technologies on Applied sciences, Engineering and Management organized by department of Civil Engineering, Barak Valley engineering College from 17.06.2019 to 21.06.2019.

Mr. Souvik Chakraborty completed 5 day's Faculty development program on Impact of Emerging Technologies on Applied sciences, Engineering and Management organized by department of Civil Engineering, Barak Valley engineering College from 17.06.2019 to 21.06.2019.

Mr. Krishnendu Kundu completed 5 day's Faculty development program on Impact of Emerging Technologies on Applied sciences, Engineering and Management organized by department of Civil Engineering, Barak Valley engineering College from 17.06.2019 to 21.06.2019.

Mr. Sushovan Sarkar completed 5 day's Faculty development program on Application of Non-Conventional Pavement Materials and NDT in Road Infrastructure organized by department of Civil Engineering, Kanpur International Model United Nations from 14.01.2019 to 18.01.2019.

Mr. Prasun Seal completed 5 day's Faculty development program on Application of Non-Conventional Pavement Materials and NDT in Road Infrastructure organized by department of Civil Engineering, Kanpur International Model United Nations from 14.01.2019 to 18.01.2019.

Mr. Priyabrata Guha completed 5 day's Faculty development program on Application of Non-Conventional Pavement Materials and NDT in Road Infrastructure organized by department of Civil Engineering, Kanpur International Model United Nations from 14.01.2019 to 18.01.2019.

Department of Civil Engineering

Departmental achievements

Student's achievements :

Sl No.	Roll No.	Name	Topic	Date of Completion
1	25501317083	SAGNIC CHANDA	Renewable Energy Technology Fundamentals	13-Aug-18
2	25501317094	DIPAM BISWAS	Renewable Energy Technology Fundamentals	13-Aug-18
3	25501318005	AVIK ROUTH	Renewable Energy Technology Fundamentals	13-Aug-18
4	25501318009	DEBABROTA KAR	Renewable Energy Technology Fundamentals	13-Aug-18
5	25501316045	SUBHADIP NANDI	Renewable Energy Technology Fundamentals	13-Aug-18
6	25501316056	RAJAT KUMAR CHOUDHARY	Renewable Energy Technology Fundamentals	13-Aug-18
7	25501316073	ERSHA GOSWAMI	Renewable Energy Technology Fundamentals	13-Aug-18
8	25501316077	DEBAPRASAD SINHA	Renewable Energy Technology Fundamentals	13-Aug-18
9	25501317003	ABHIJIT SAHA	Renewable Energy Technology Fundamentals	13-Aug-18
10	25501315023	MD JAVED ANSARI	Renewable Energy Technology Fundamentals	13-Aug-18
11	25501315027	NIBIR SAHA	Renewable Energy Technology Fundamentals	13-Aug-18
12	25501315043	SOHAM CHATTOPADHYAY	Renewable Energy Technology Fundamentals	13-Aug-18
13	25501315046	SOURAV MITRA	Renewable Energy Technology Fundamentals	13-Aug-18
14	25501315057	SUKALYAN MAITY	Renewable Energy Technology Fundamentals	13-Aug-18
15	25501315061	SAMINUL ISLAM	Renewable Energy Technology Fundamentals	13-Aug-18
16	25501316001	NILKANTHA GIRI	Renewable Energy Technology Fundamentals	13-Aug-18
17	25501316003	GEOJIT GHOSH	Renewable Energy Technology Fundamentals	13-Aug-18

Sl No.	Roll No.	Name	Topic	Date of Completion
1	25501317067	UDDIPTA BANERJEE	Management of Urban Infrastructure	11-Mar-19
2	25501317083	SAGNIC CHANDA	Management of Urban Infrastructure	11-Mar-19
3	25501317094	DIPAM BISWAS	Management of Urban Infrastructure	11-Mar-19
4	25501318005	AVIK ROUTH	Management of Urban Infrastructure	11-Mar-19
5	25501318009	DEBABROTA KAR	Management of Urban Infrastructure	11-Mar-19
6	25501316045	SUBHADIP NANDI	Management of Urban Infrastructure	11-Mar-19
7	25501316073	ERSHA GOSWAMI	Management of Urban Infrastructure	11-Mar-19
8	25501316077	DEBAPRASAD SINHA	Management of Urban Infrastructure	11-Mar-19
9	25501317003	ABHIJIT SAHA	Management of Urban Infrastructure	11-Mar-19
10	25501315021	MD AHSANUL HODA SAIF	Management of Urban Infrastructure	11-Mar-19
11	25501315027	NIBIR SAHA	Management of Urban Infrastructure	11-Mar-19
12	25501315039	SAYANTAN DAS	Management of Urban Infrastructure	11-Mar-19
13	25501315057	SUKALYAN MAITY	Management of Urban Infrastructure	11-Mar-19

Department of Civil Engineering

Departmental achievements

Faculty's achievements :

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2018-2019	Baibaswata Das	Assistant Professor	FDP on Impact of Emerging Technologies on Applied sciences, Engineering and Management	17/06/2019 to 21/06/2019
2018-2019	Souvik Chakraborty	Assistant Professor	FDP on Impact of Emerging Technologies on Applied sciences, Engineering and Management	17/06/2019 to 21/06/2019
2018-2019	Krishnendu Kundu	Assistant Professor	FDP on Impact of Emerging Technologies on Applied sciences, Engineering and Management	17/06/2019 to 21/06/2019
2018-2019	Sushovan Sarkar	Professor	FDP on Application of Non-Conventional Pavement Materials and NDT in Road Infrastructure	14/01/2019 to 18/01/2019
2018-2019	Priyabrata Guha	Assistant Professor	FDP on Application of Non-Conventional Pavement Materials and NDT in Road Infrastructure	14/01/2019 to 18/01/2019
2018-2019	Prasun Seal	Assistant Professor	FDP on Application of Non-Conventional Pavement Materials and NDT in Road Infrastructure	14/01/2019 to 18/01/2019
2018-2019	Papiya Nayek	Technical Assistant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018
2018-2019	Soumita Banerjee	Technical Assistant	MDP on Material Resource Planning	24/12/2018 to 29/12/2018

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

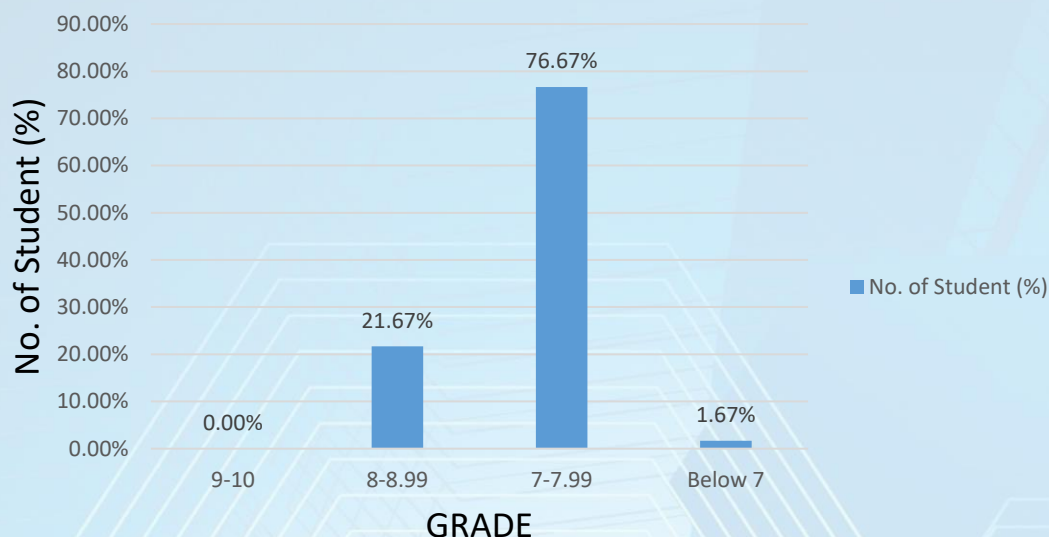
Department of Civil Engineering

Result Analysis 2018-19

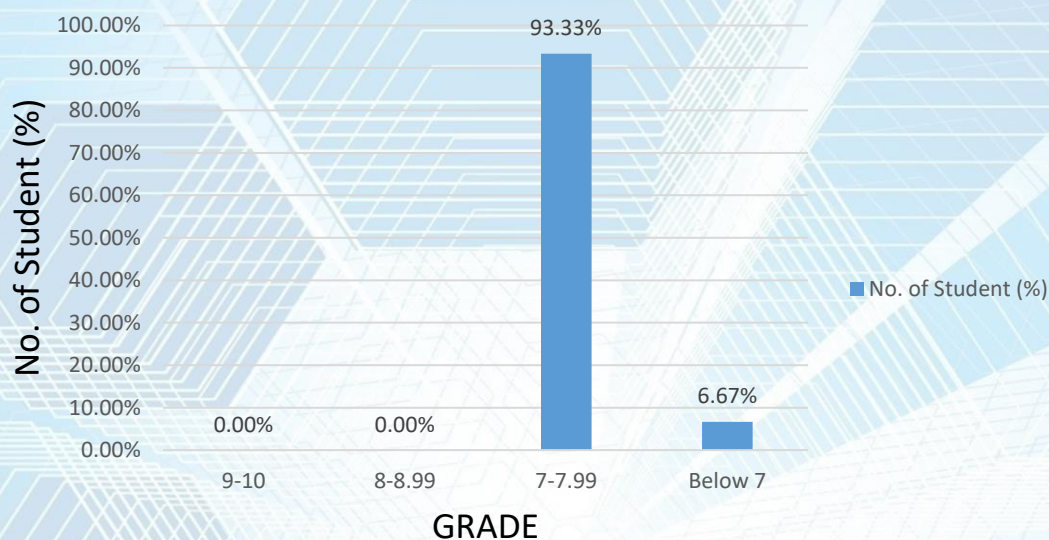
Department of Civil Engineering

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)



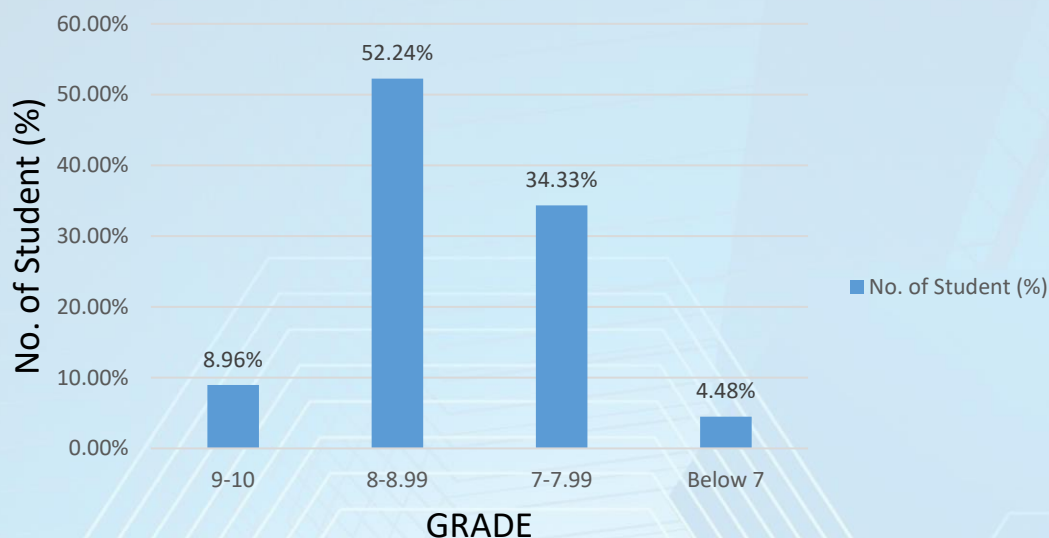
SGPA-Wise Result Analysis (6th Semester)



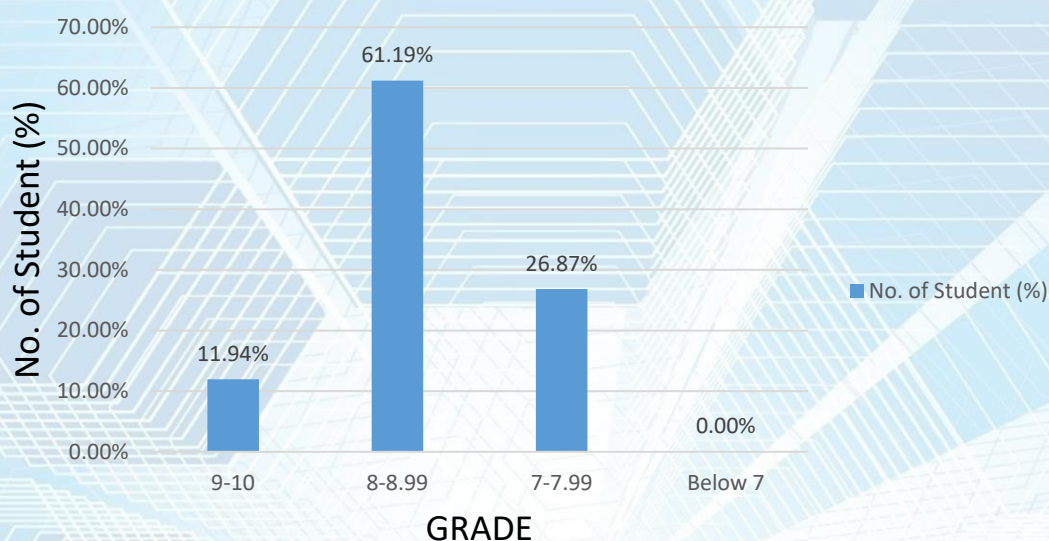
Department of Civil Engineering

4th Year

SGPA-Wise Result Analysis (7th Semester)



SGPA-Wise Result Analysis (8th Semester)



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

Department of Automobile Engineering

ANNUAL REPORT 2018 – 19

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

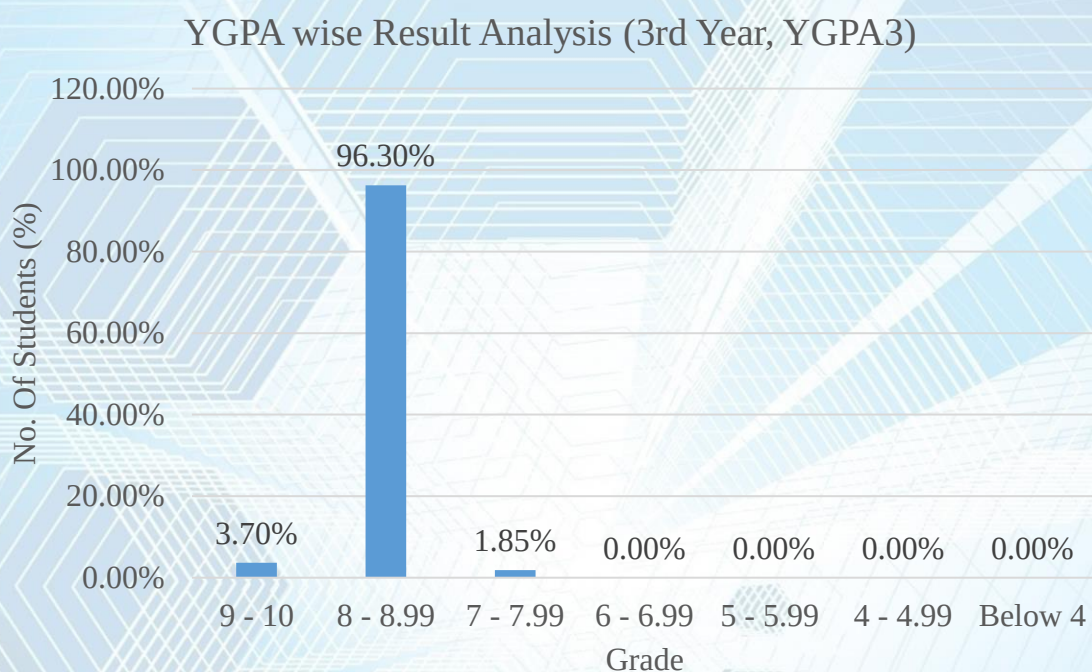
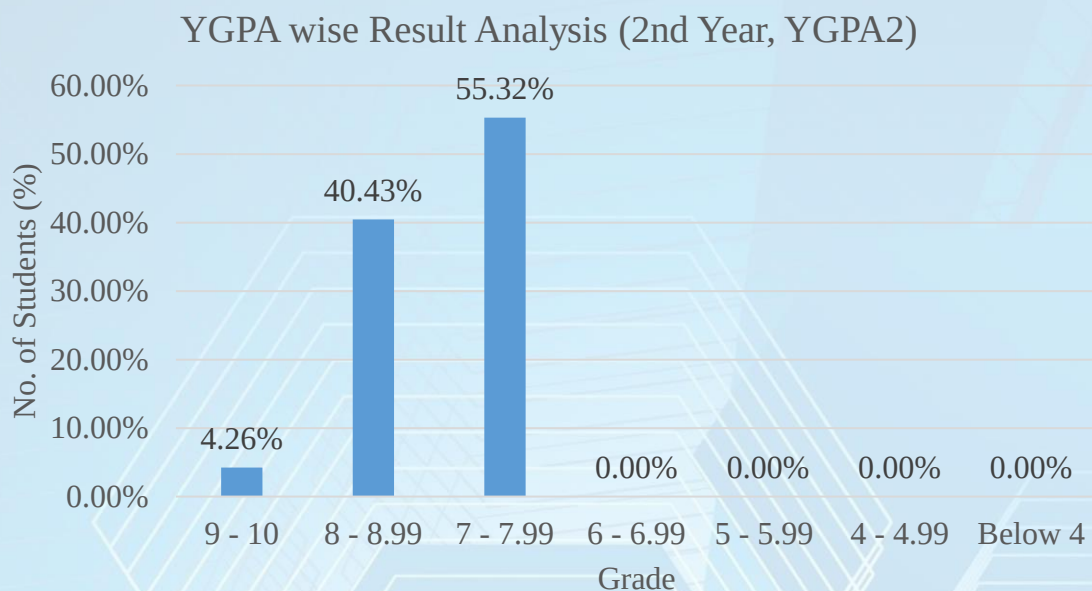
Department of Automobile Engineering

• 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

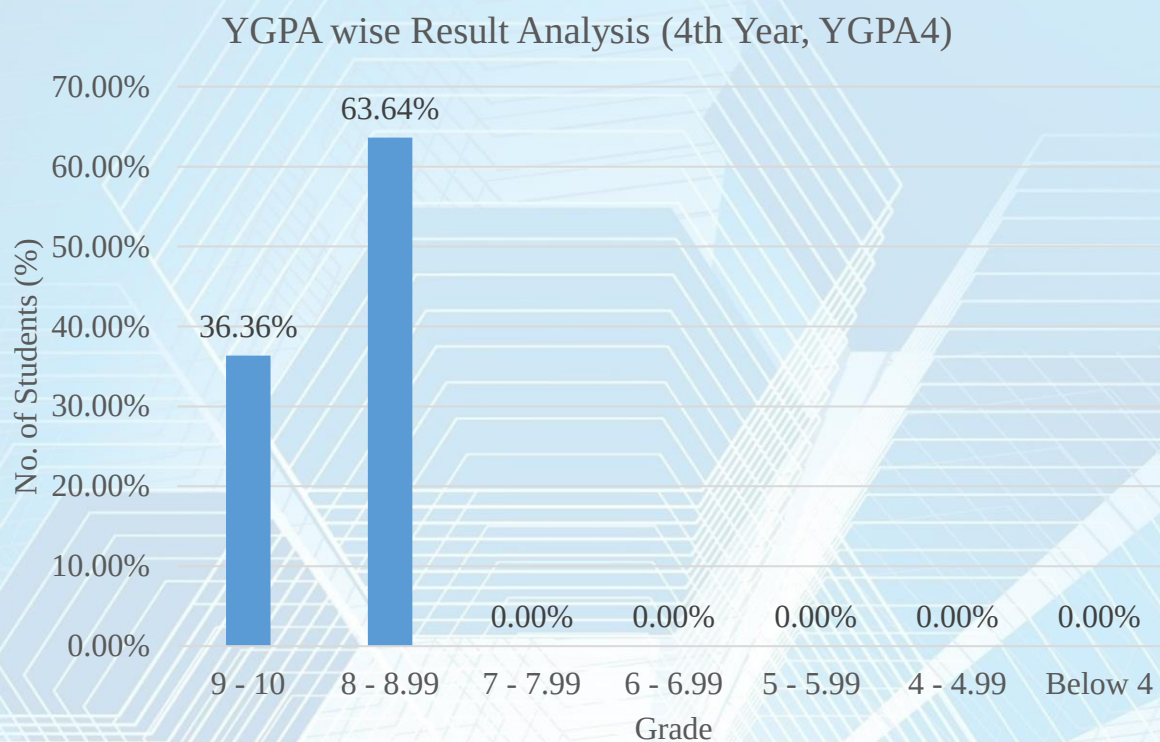
Department of Automobile Engineering

Result Analysis



Department of Automobile Engineering

Result Analysis



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

Department of Computer Science & Engineering

ANNUAL REPORT 2018-19

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.

Department of Computer Science & Engineering

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 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 (17-08-2020 to 21-08-2020)

This intensive course provided participants with a deep dive into Search Engine Optimization (SEO) strategies, focusing on leveraging Google Analytics and Accelerated Mobile Pages (AMP) to enhance website visibility and performance. Through a combination of lectures, case studies, and hands-on exercises, participants learned how to conduct keyword research, optimize website content, and implement AMP for faster loading times on mobile devices. They also gained practical insights into analyzing website traffic, monitoring performance metrics, and troubleshooting issues using Google Analytics and Web Master Tools.

Mobile Application Development (17-08-2020 to 21-08-2020)

In this dynamic workshop, participants delved into the world of mobile application development, learning the skills and techniques needed to create cutting-edge mobile apps for iOS and Android platforms. Through hands-on projects and coding labs, participants gained proficiency in mobile app development frameworks such as Swift (for iOS) and Kotlin (for Android). Topics covered included user interface design, data management, API integration, and app deployment strategies, empowering participants to develop high-quality mobile applications from scratch.

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

Arduino with IoT (17-08-2020 to 21-08-2020)

Arduino with IoT offered participants a hands-on experience in building Internet of Things (IoT) solutions using Arduino microcontrollers. Through practical projects and experiments, participants learned how to design, program, and deploy IoT devices for various applications.

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

➤ FDP ATTENDED

During the period of February 1st to June 1st, 2019, an intensive Faculty Development Program (FDP) on Raspberry Pi Programming with Python was conducted, aiming to equip educators with the necessary skills to incorporate Raspberry Pi and Python programming into their teaching curriculum. Among the distinguished participants were:

1. Jayanta Mondal (Assistant Professor): Engaged in the FDP to enhance his proficiency in Raspberry Pi programming with Python. Likely, he sought to integrate innovative teaching methodologies into his courses, fostering practical learning experiences for his students.
2. Chandranath Adak (Professor): His participation in the FDP suggests a commitment to staying abreast of advancements in technology and pedagogy. As a professor, Adak likely aimed to leverage Raspberry Pi and Python to enrich his teaching and research endeavors.
3. Rinku Supakar (Assistant Professor): Supakar's involvement in the FDP signifies an interest in adopting hands-on learning approaches in the classroom. By mastering Raspberry Pi programming with Python, Supakar likely aimed to empower students with practical skills relevant to today's technological landscape.
4. Anjan Kumar Payra (Assistant Professor): Payra's participation highlights a dedication to professional development and a proactive approach to enhancing teaching effectiveness. By attending the FDP, Payra likely sought to augment his expertise in Raspberry Pi and Python, thereby enriching the educational experience for his students.
5. Madhusmita Mishra (Assistant Professor): Mishra's engagement in the FDP underscores a commitment to staying updated with emerging technologies and methodologies in education. By delving into Raspberry Pi programming with Python, Mishra likely aimed to foster a dynamic learning environment conducive to innovation and exploration.

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

6. Ruchira Dutta (Assistant Professor): Dutta's participation in the FDP reflects a proactive stance toward integrating cutting-edge technologies into the academic curriculum. By mastering Raspberry Pi programming with Python, Dutta likely aimed to enhance student engagement and learning outcomes in her courses.

7. Arnab Hazra (Assistant Professor): Hazra's involvement in the FDP suggests a keen interest in leveraging Raspberry Pi and Python to enhance the educational experience. By acquiring proficiency in these technologies, Hazra likely aimed to nurture a culture of innovation and creativity among his students.

8. Arpita Saha Chowdhury (Assistant Professor): Chowdhury's participation in the FDP demonstrates a commitment to professional growth and excellence in teaching. By honing her skills in Raspberry Pi programming with Python, Chowdhury likely aimed to provide students with hands-on learning opportunities and real-world applications of theoretical concepts.

9. Mallika De (Professor): De's engagement in the FDP indicates a commitment to academic leadership and innovation. By participating in sessions on Raspberry Pi programming with Python, De likely aimed to inspire both colleagues and students to embrace technology-driven learning approaches.

10. Kamalika Datta (Associate Professor): Datta's involvement in the FDP underscores a proactive approach to curriculum development and pedagogical innovation. By mastering Raspberry Pi and Python programming, Datta likely aimed to enrich her teaching repertoire and empower students with practical skills for future success.

Collectively, these participants represent a cohort of dedicated educators striving to stay abreast of technological advancements and enhance the quality of education through hands-on learning experiences facilitated by Raspberry Pi programming with Python. Their commitment to professional development underscores a shared goal of fostering innovation and excellence in higher education.

Department of Computer Science & Engineering

Departmental achievements

Student's achievements :

Celebrating Excellence in Inter-College Competitions

Anirban Sen Sharma: First Place in Inter-College Two Hundred Meter Race

Anirban Sen Sharma blazed a trail to victory in the Inter-College Two Hundred Meter Race, showcasing exceptional speed and determination. His remarkable performance not only secured the first-place position but also exemplified the spirit of athleticism and sportsmanship.

Md Manzar Alam: First Place in Inter-College Long Jump Competition

Md Manzar Alam soared to victory in the Inter-College Long Jump Competition, demonstrating outstanding skill and precision. His impressive leap not only earned him the first-place title but also inspired admiration from fellow competitors and spectators alike.

Hemant Tiwary: First Place in Inter-College Painting Competition

Hemant Tiwary's artistic prowess shone brightly as he claimed the top spot in the Inter-College Painting Competition. His creative expression and mastery of the brush captivated judges and onlookers, earning him well-deserved recognition for his talent and dedication.

Department of Computer Science & Engineering

Departmental achievements

Student's achievements :

Celebrating Excellence in Inter-College Competitions

Meghna Shaw: First Place in Inter-College Extempore Competition

Meghna Shaw's eloquence and quick thinking propelled her to victory in the Inter-College Extempore Competition. Her ability to articulate compelling arguments on the spot set her apart, earning her the coveted first-place position and applause from the audience.

Sumit Mishra: Third Place in Inter-College Badminton Competition

Sumit Mishra's skill and agility on the badminton court earned him the respectable third-place position in the Inter-College Badminton Competition. His tenacity and sportsmanship throughout the tournament exemplified the true essence of competitive spirit.

Md Kadir Molla: First Place in Inter-College Debate Competition

Md Kadir Molla's command of rhetoric and persuasive arguments secured him the first-place title in the Inter-College Debate Competition. His eloquence and logical reasoning captivated the audience and earned him accolades as a formidable debater.

These exemplary achievements not only showcase the diverse talents and abilities of our college's students but also reflect the dedication, hard work, and spirit of excellence that define our institution. Congratulations to all the winners for their outstanding performances and for bringing honor to our college in their respective competitions.

Department of Computer Science & Engineering

Departmental achievements

Faculty's achievements :

Anjan Kumar Payra's Research Paper Summary

Title: Mutual Information-The Biomarker of Essential Gene Predictions in Gene-Gene Interaction of Lung Cancer

Author: Anjan Kumar Payra

Conference: International Conference on Computational Intelligence, Communications, and Business Analytics, 2019

Publisher: Springer Singapore

DOI: [\[https://doi.org/10.1007/978-981-13-8581-0_19\]](https://doi.org/10.1007/978-981-13-8581-0_19)[\[https://doi.org/10.1007/978-981-13-8581-0_19\]](https://doi.org/10.1007/978-981-13-8581-0_19)

ISBN: 978-981-13-8578-0

Research Report on Sovan Saha's Work in Protein Function Prediction

Introduction:

Sovan Saha, a researcher in Computer Science and Engineering with a focus on bioinformatics and genomics, has made significant contributions to the field of protein function prediction. His work aims to improve our understanding of protein functions, which is crucial for various biological and medical applications, including drug discovery and understanding disease mechanisms. This report provides an overview of three key papers authored by Sovan Saha, focusing on his contributions to protein function prediction using protein interaction networks.

1. FunPred 3.0: Improved Protein Function Prediction Using Protein Interaction Network

- Journal: PeerJ

- ISSN: 2167-8359

- Link: [FunPred 3.0][\(https://peerj.com/articles/6830/\)](https://peerj.com/articles/6830/)

Saha's paper "FunPred 3.0" introduces an enhanced approach for predicting protein function by leveraging protein interaction networks. This method, FunPred 3.0, improves prediction accuracy compared to traditional methods by incorporating information from protein interaction networks. The paper highlights the importance of accurate protein function prediction for understanding biological processes and disease mechanisms. FunPred 3.0 has practical implications for drug discovery and personalized medicine.

Department of Computer Science & Engineering

Departmental achievements

Faculty's achievements :

2. Identification of Essential Proteins by Detecting Topological and Functional Clusters in Protein Interaction Network of *Saccharomyces cerevisiae*

- Journal: International Journal of Natural Computing Research

- ISSN: 1947-928X

- Link: [Identification of Essential Proteins](<https://dl.acm.org/doi/10.4018/IJNCR.2019010103>)

In this paper, Saha focuses on identifying essential proteins in the protein interaction network of *Saccharomyces cerevisiae*. By detecting topological and functional clusters within the network, Saha proposes a method to pinpoint essential proteins crucial for the survival of the organism. This research contributes to our understanding of essential genes and proteins, which are often implicated in disease processes.

3. Protein Function Prediction from Dynamic Protein Interaction Network Using Gene Expression Data

- Journal: Journal of Bioinformatics and Computational Biology

- ISSN: 1757-6334

- Link: [Protein Function Prediction from Dynamic Protein Interaction Network](<https://www.worldscientific.com/doi/abs/10.1142/S0219720019500252?journalCode=jbcb>)

Saha's work in this paper revolves around predicting protein function from dynamic protein interaction networks using gene expression data. By integrating temporal information from gene expression data with protein interaction networks, Saha proposes a method to predict protein functions more accurately. This research opens up new avenues for understanding how protein functions change over time and in different biological contexts.

Conclusion:

Sovan Saha's research in protein function prediction using protein interaction networks significantly contributes to the field of bioinformatics and computational biology. His methods offer enhanced accuracy in predicting protein functions, which has important implications for understanding biological processes and developing targeted therapies for various diseases. Saha's work continues to advance our understanding of protein functions and their roles in health and disease.

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

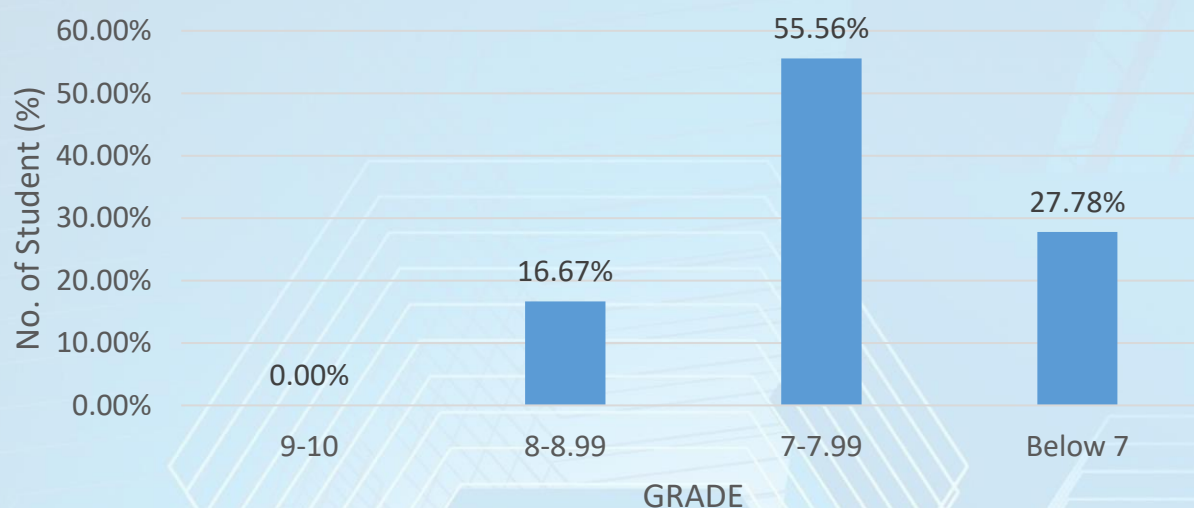
Department of Computer Science & Engineering

Result Analysis 2019 EVEN SEMESTER

Department of CSE

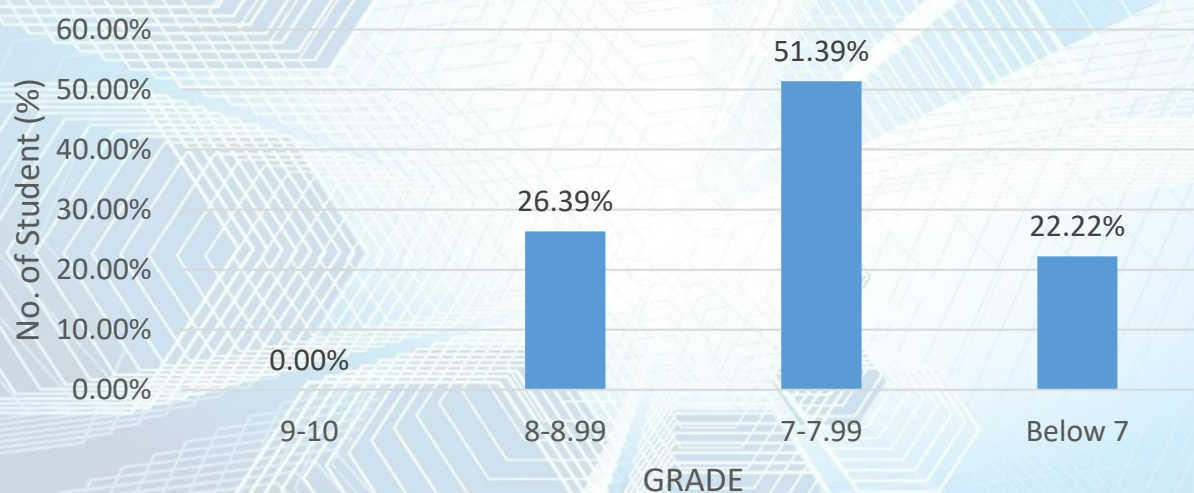
3rd Semester

SGPA-Wise Result Analysis (2018 ODD SEM 2ND YEAR)



4th Semester

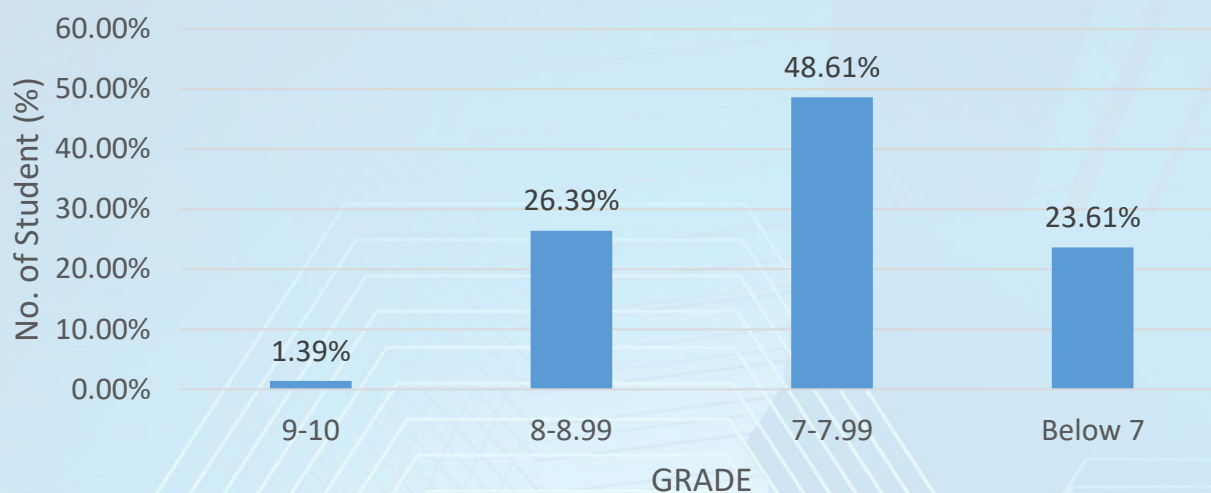
SGPA-Wise Result Analysis (2019 EVEN SEM 2ND YEAR)



Department of CSE

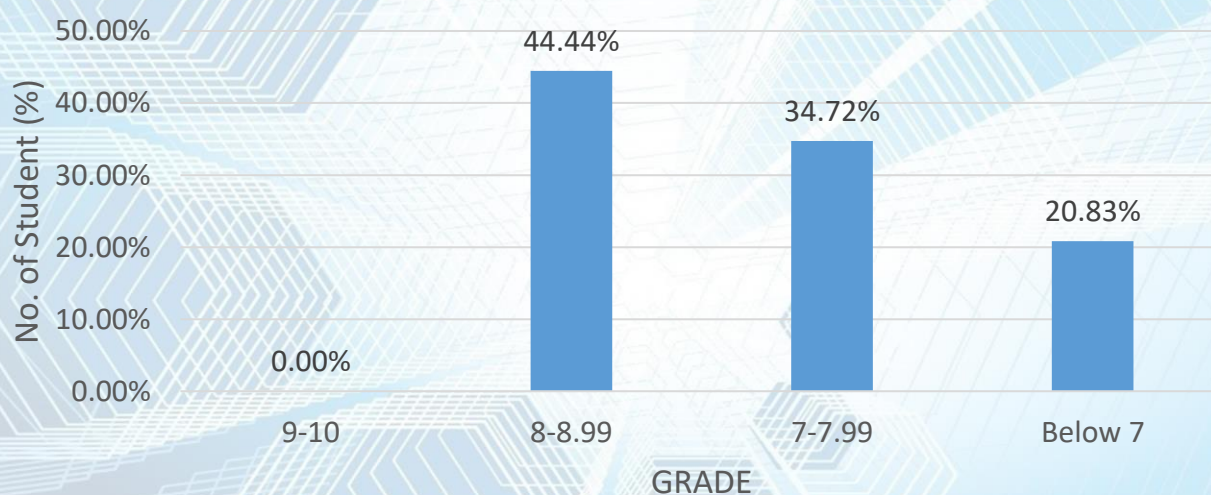
5th Semester

SGPA-Wise Result Analysis (2018 ODD SEM 3RD YEAR)



6th Semester

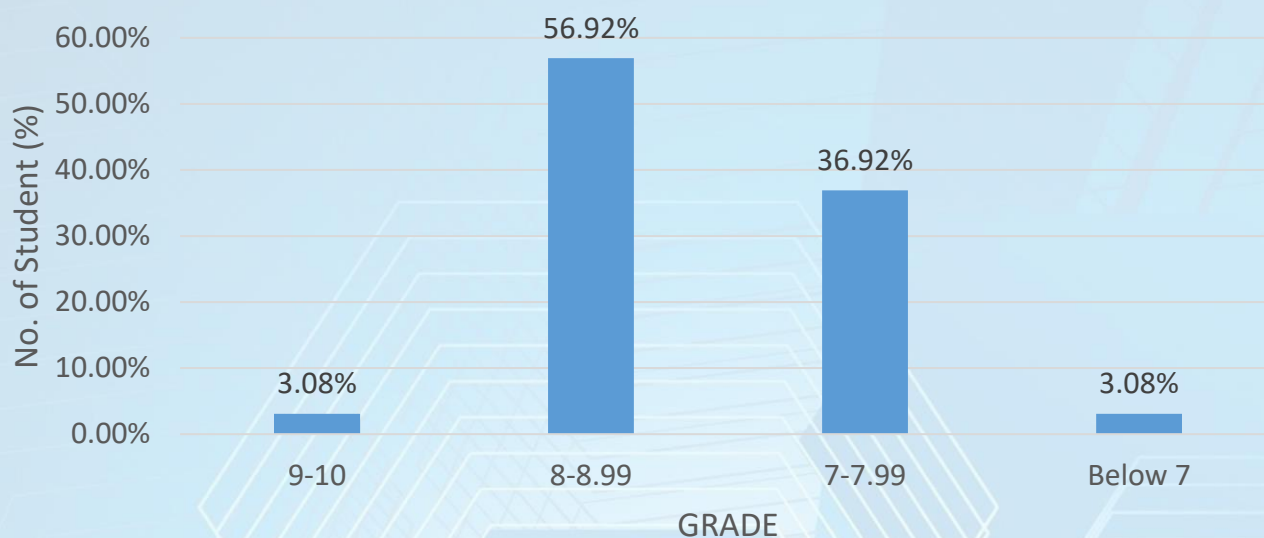
SGPA-Wise Result Analysis (2019 EVEN SEM 3RD YEAR)



Department of CSE

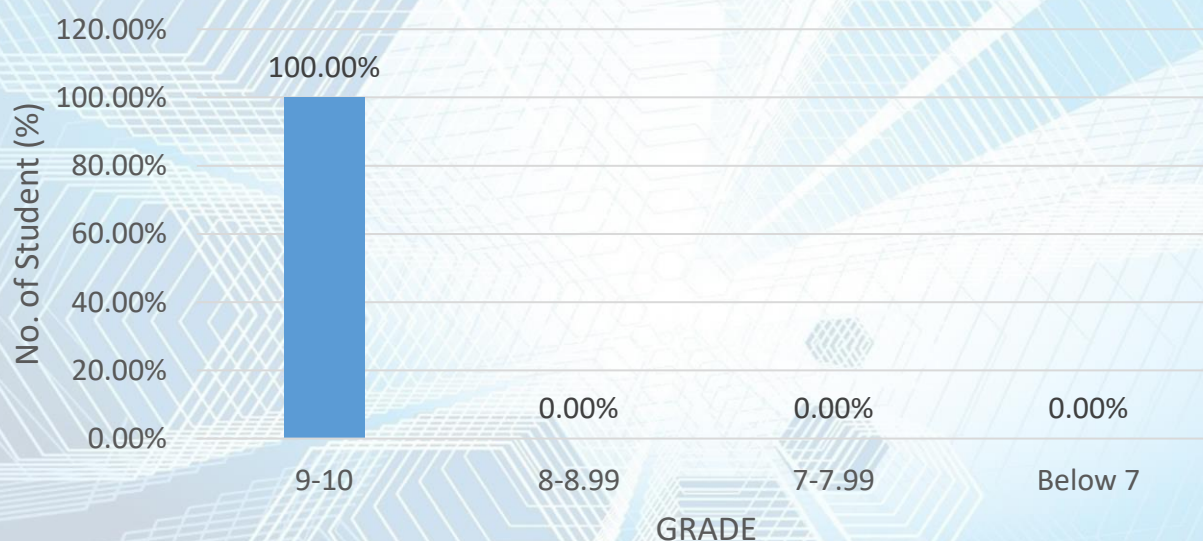
7th Semester

SGPA-Wise Result Analysis (2018 ODD SEM 4TH YEAR)



8th Semester

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



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

Department of Electronics and Communication Engineering

ANNUAL REPORT 2018-19

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 Degree Engineering College. 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

Prof. (Dr.) Swapan Bhattacharya

HOD, Department of Electronics and Communication Engineering

Dr. Sudhir Chandra Sur Degree Engineering College

DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE

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

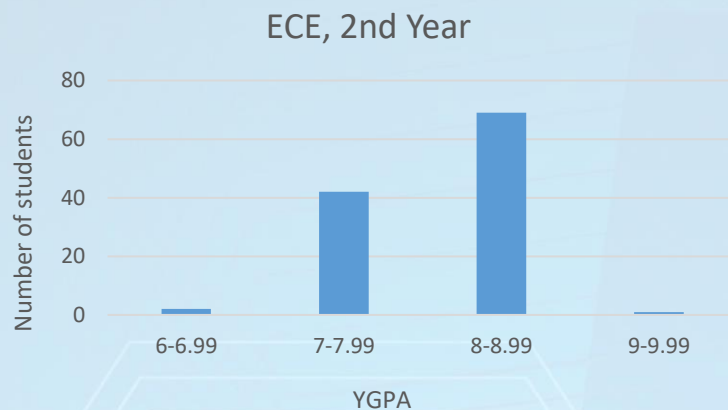
www.surtech.edu.in, Email: info@dsec.ac.in

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

Department of Electronics and Communication Engineering

Result Analysis 2018-19

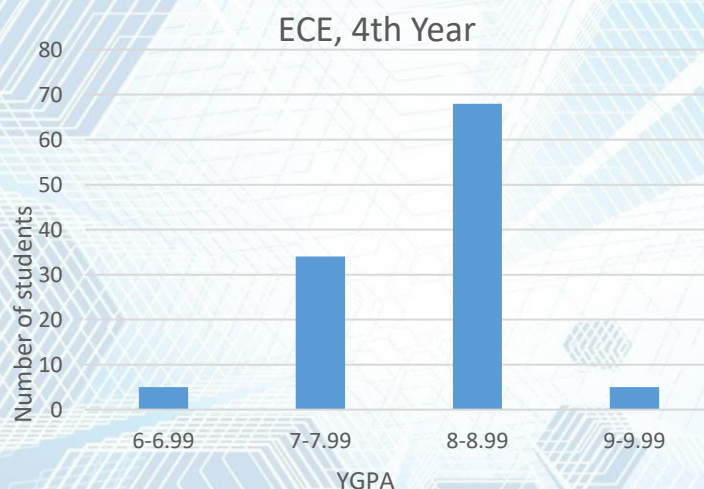
2nd Year



3rd Year



4th Year



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

Department of Electrical Engineering

ANNUAL REPORT 2018-19

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:

- An Industry visit to Diamond Beverages Pvt. Ltd. (Cocacola), Taratala, on 21th October, 2018
- An Innovative idea Competition organized by EE, on 25th October, 2018
- An Industry visit to Tathagata Engineering Works, on 17th February, 2019
- An International Conference organized by EE, "Recent Trends and Technologies in Engineering and Science-2019 (ICRT2ES-2019)", on 15th March-16th March

Department of Electrical Engineering

Departmental achievements

Student's achievements :

- Suvendu Mondal, EE-4th got 1st Prize for “Electrostatic Precipitator “,in Innovative Idea Competition-2018.
- Sobhan Chakraborty, EE-4th got 2nd Prize for “Wireless transmission line”,in Innovative Idea Competition-2018.
- “CR-EATIVE-IDEA-COMPETITION” organized by EE, on 10th April,2019, 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 – 2019 (ICRT2ES-2019) titled “AUTOMATIC POWER FACTOR COMPENSATOR USING ARDUINO UNO” under the guidance of Mr. Prathita Roy

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," 2019 International Conference on Computer, Electrical & Communication Engineering (ICCECE), Kolkata, India, 2019, 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," 2018 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," 2018 International Conference on Computer, Electrical & Communication Engineering (ICCECE), Kolkata, India, 2018, pp. 1-7, doi: 10.1109/ICCECE48148.2020.9223111.

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

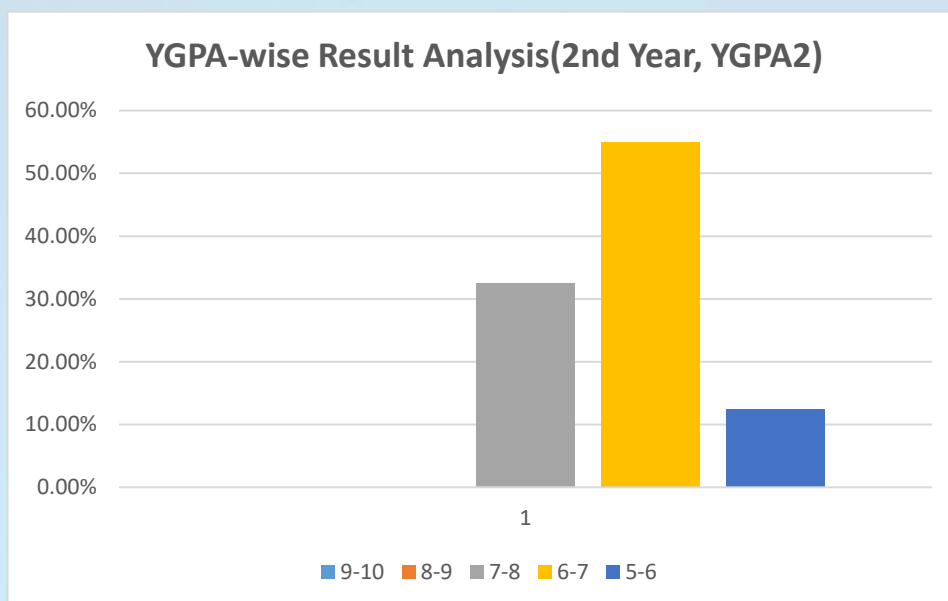
Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Department of Electrical Engineering

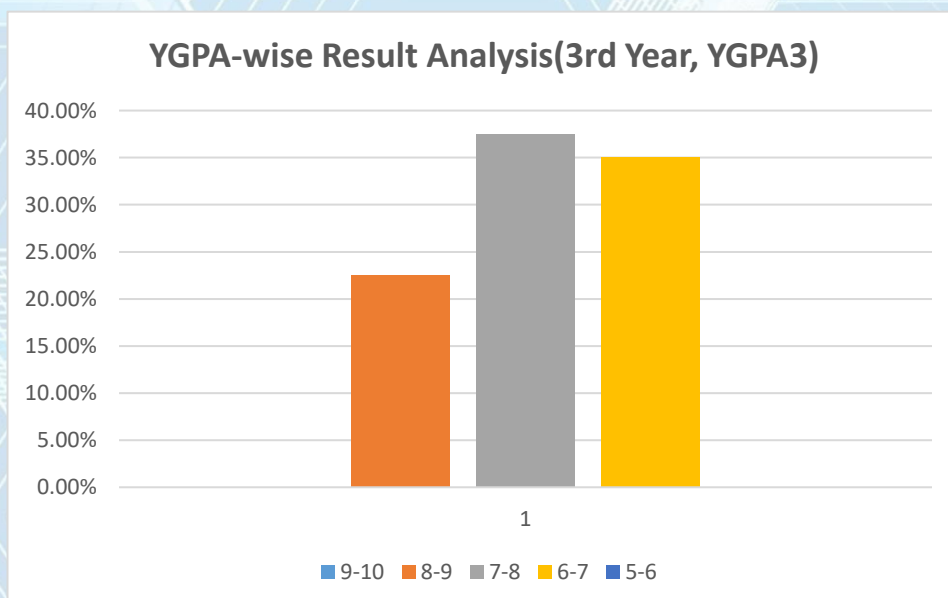
Result Analysis 2018-19

Department of Electrical Engineering

2nd Year

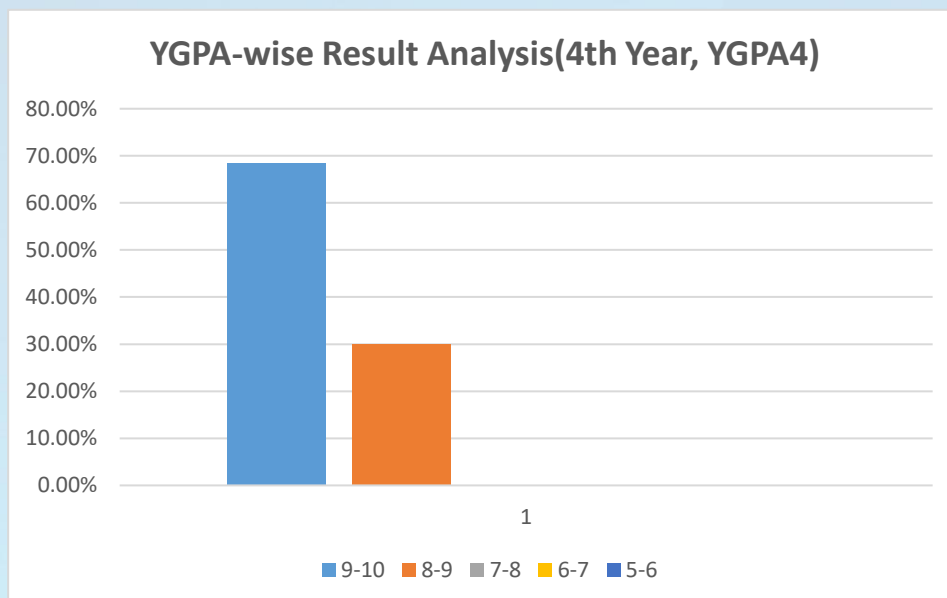


3rd Year



Department of Electrical Engineering

4th Year



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

Department of Mechanical Engineering

ANNUAL REPORT 2018-19

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 of 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

It As we draw the curtains on another fruitful academic year, it is with immense pride and gratitude that reflect on the remarkable accomplishments and progress of the Mechanical Engineering department during 2018-19. Our faculty members have continued to demonstrate exemplary dedication to teaching and research, serving as mentors and role models for our students. Their relentless pursuit of knowledge and their passion for their respective fields have been instrumental in shaping the academic and intellectual landscape of our department. To our students, I extend my heartfelt congratulations on their outstanding achievements and contributions throughout the year. Whether excelling in academics, participating in extracurricular activities, or engaging in community service, our students have exemplified the spirit of excellence and leadership that defines our department. As we look ahead to the future, we are excited about the opportunities that lie ahead for our department. We remain steadfast in our commitment to excellence, innovation, and collaboration, and we are confident that we will continue to make significant contributions to our field and society at large.

In conclusion, I would like to thank each and every member of our department for their hard work, dedication, and passion throughout the year. It is because of your collective efforts that we have achieved so much, and I am honored to lead such an exceptional group of individuals. As we celebrate our successes and accomplishments, let us also reaffirm our commitment to the values and principles that define us as a department. Together, we will continue to push the boundaries of knowledge, inspire future generations of engineers, and make a positive impact on the world.

Dr. Probhas Bose

**HOD, Department of Mechanical Engineering
Dr. Sudhir Chandra Sur Degree Engineering College**

Department of Mechanical Engineering

MECHANICAL DEPARTMENTAL NEWS AT A GLANCE

- ❖ The department organized a workshop on “AutoCAD and CATIA.” on 12th February, 2019 for the departmental students from 2nd year to 4th year.
- ❖ The department conducted five Days Faculty Development Program on Engineering Thermodynamics from 24th to 28th June, 2019.

Department of Mechanical Engineering

Departmental achievements

Faculty's achievements :

- ❖ Dr. Probhas Bose completed the five day FDP on "Engineering Thermodynamics" from 24th June to 28th June, 2019.
- ❖ Dr. Bikash Choudhuri completed the five day FDP on "Engineering Thermodynamics" from 24th June to 28th June, 2019
- ❖ Dr. Sujoy Saha completed the five day FDP on "Engineering Thermodynamics" from 24th June to 28th June, 2019.
- ❖ Mrs. Ruma Sen completed the five day FDP on "Engineering Thermodynamics" from 24th June to 28th June, 2019.
- ❖ Mrs. Arpita Chatterjee completed the five day FDP on "Engineering Thermodynamics" from 24th June to 28th June, 2019.
- ❖ Mr. Arindam Banerjee completed the five day FDP on "Engineering Thermodynamics" from 24th June to 28th June, 2019.
- ❖ Mrs. Geetika Kumari Salwan completed the five day FDP on "Engineering Thermodynamics" from 24th June to 28th June, 2019.
- ❖ Mrs. Rahul Kumar Prajapati completed the five day FDP on "Engineering Thermodynamics" from 24th June to 28th June, 2019.
- ❖ Mrs. Arpita Podder completed the five day FDP on "Engineering Thermodynamics" from 24th June to 28th June, 2019.
- ❖ Mr. Pradeep Kumar Sharma completed the five day FDP on "Engineering Thermodynamics" from 24th June to 28th June, 2019.
- ❖ Mr. Subhasish Halder completed the five day FDP on "Engineering Thermodynamics" from 24th June to 28th June, 2019.
- ❖ Mr. Subhendu Pal completed the five day FDP on "Engineering Thermodynamics" from 24th June to 28th June, 2019.
- ❖ Mr. Sudip Banerjee completed the five day FDP on "Engineering Thermodynamics" from 24th June to 28th June, 2019.
- ❖ Mr. Debdulal Pramanik completed the five day FDP on "Engineering Thermodynamics" from 24th June to 28th June, 2019.
- ❖ Mr. Debdulal Pramanik completed the five day FDP on "Engineering Thermodynamics" from 24th June to 28th June, 2019.

Department of Mechanical Engineering

Departmental achievements

Faculty's achievements :

- ❖ Mr. Dolan Kumar Das completed the five day FDP on “Engineering Thermodynamics” from 24th June to 28th June, 2019.
- ❖ Mr. Anish Biswas completed the five day FDP on “Engineering Thermodynamics” from 24th June to 28th June, 2019.
- ❖ Mr. Bhabani Ranjan Pal completed the five day FDP on “Engineering Thermodynamics” from 24th June to 28th June, 2019.

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

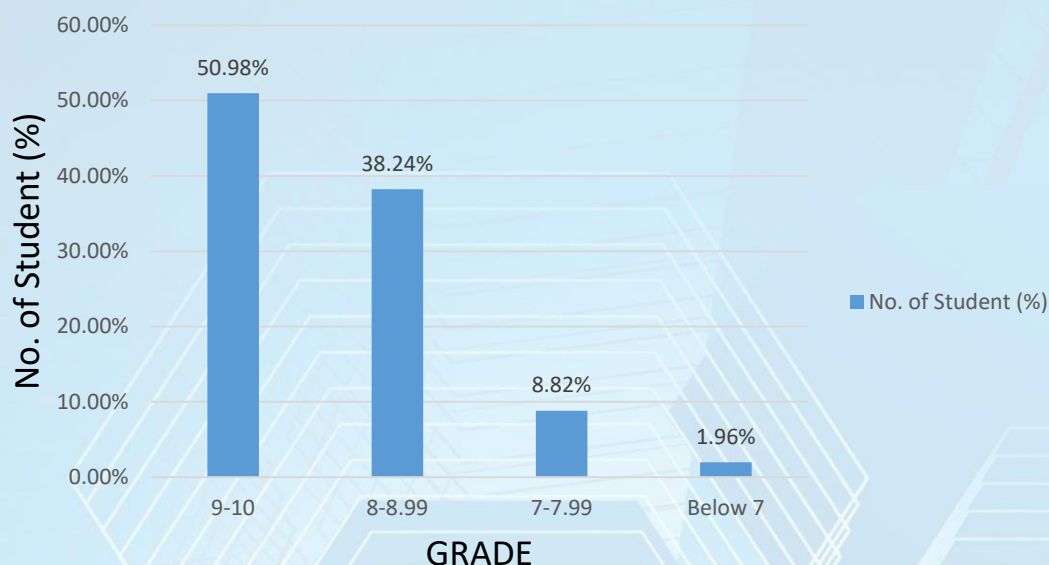
Department of Mechanical Engineering

Result Analysis 2018-19

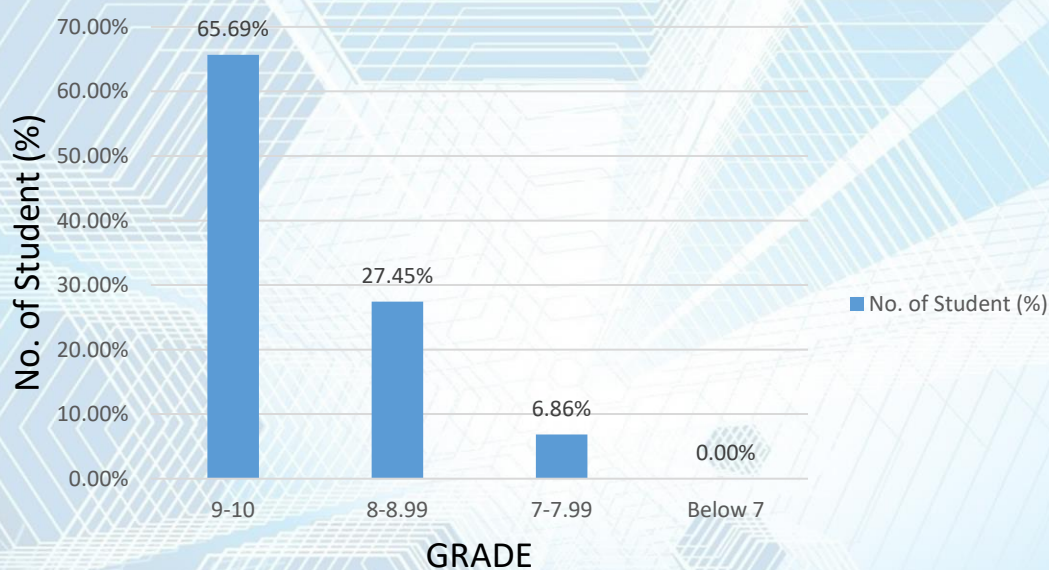
Department of Mechanical Engineering

Result Analysis

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

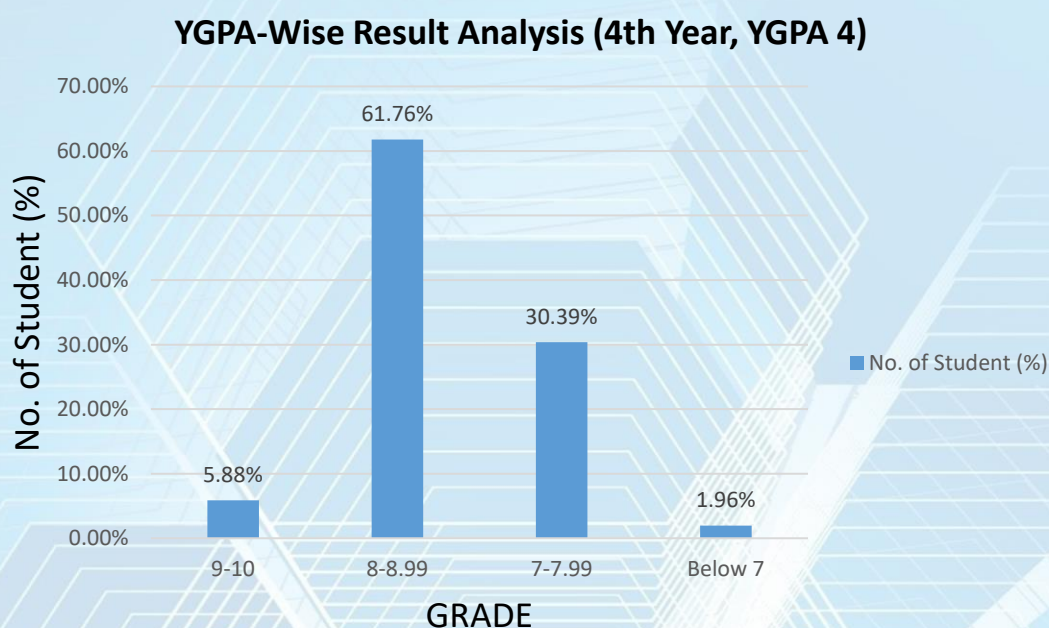


YGPA-Wise Result Analysis (3rd Year, YGPA 3)



Department of Mechanical Engineering

Result Analysis



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

Research & Publications 2018-19

Patent filed

➤ IPR FILED/PUBLISHED/GRANT

SL.NO	APPLICATION N NUMBER	JOURNAL NO.	TITLE OF THE PATENT	INVENTORS' NAME	DATE OF FILED	DATE OF PUBLISHED	STATUS
1.	20183104180 0	46/2018	Fabrication of ECG Acquisition and IOT based Real Time ECG Monitoring	Dr. Saradindu Panda	05/11/20 18	16/11/2018	Published
2.	20173100996 1	39/2018	NONAGON Cylindrical Mounted Attachment Frame	Sushovan Sarkar	22/03/20 17	28/09/2018	Published
3.	20173100996 2	39/2018	Fixed Bed Aerobic Hybrid Bioreactor Fitted With NCMF	Sushovan Sarkar	22/03/20 17	28/09/2018	Published

Publications

Number of research papers published 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	FunPred 3.0: improved protein function prediction using protein interaction network	Sovan Saha	Computer Science and Engineering	Bioinformatics and Genomics, PeerJ	2167-8359
2	Identification of essential proteins by detecting topological and functional clusters in protein interaction network of <i>Saccharomyces cerevisiae</i>	Sovan Saha	Computer Science and Engineering	International Journal of Natural Computing Research	1947-928X
3	Protein function prediction from dynamic protein interaction network using gene expression data	Sovan Saha	Computer Science and Engineering	Journal of Bioinformatics and Computational Biology	1757-6334
4	A simplified approach for modelling of an aerobic fixed bed hybrid bioreactor	Sushovan Sarkar	Civil Engineering	Journal of the Indian Chemical Society	0019-4522

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
1	Anjan Kumar Payra	International Conference on Computational Intelligence, Communications, and Business Analytics	Mutual Information-The Biomarker of Essential Gene Predictions in Gene-Gene-Interaction of Lung Cancer	2019	978-981-13-8578-0	Springer Singapore

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

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, DSEC	Member
15	Mr. Vivek Shaw	BSHU & In-charge, Exam Cell	Member
16	Ms. Amrita Chadha	Dept. of Administration, DSEC	Member
17	Dr. Om Prakash Sharma	Principal, DSEC	Member Secretary

Committee List

Academic Council

Sl No.	Name	Particular	Position
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, Electrosteel 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	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

Sl 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

Editor in Chief:

- **Dr. Sayantan Chakraborty, Associate Professor**
Department of Electrical Engineering

Associate Editors:

- Ms. Debdatta Chatterjee, Assistant Professor (CSE)
- Ms. Debasmita Manna, Assistant Professor (ECE)
- Ms. Bidisha Dobe, Assistant Professor (ECE)
- Ms. Geetika Kumari Salwan, Assistant Professor (ME)
- Mr. Baibaswata Das , Assistant Professor (CE)
- Mr. Kalyan Mukherjee, Assistant Professor (AUE)
- Mr. Prathita Roy, Assistant Professor (EE)