



Sur**Tech**

**DR. SUDHIR CHANDRA SUR INSTITUTE OF
TECHNOLOGY AND SPORTS COMPLEX**

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

ANNUAL REPORT

2020-21

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

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

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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.

SurTech'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 Institute of Technology & Sports Complex (SurTech), we try to establish an environment that inspires personal and professional progress. Our efforts are focused on recognizing and understanding human talent and enthusiasm. SurTech 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 Institute of Technology and Sports Complex! 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 Institute of Technology and Sports Complex, 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 Institute of Technology and Sports Complex

Vision and Mission of the Institute

Vision of the Institute

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

Mission of the Institute

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

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Awards & Association 2020-21

Awards & Association

**INDIA
TODAY**
RANKING 2020

5TH Best Private Engineering
College –West Bengal

Outlook

I Care Rankings 2020

3rd Top Private Engineering
college of India

Awards & Association

Other Association



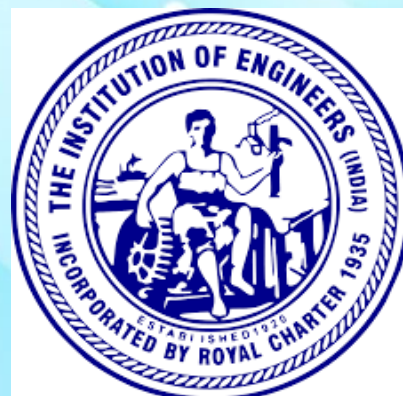
Confederation of Indian Industry



AIT

Asian Institute of Technology

BCC&ⁱ
THE BENGAL CHAMBER



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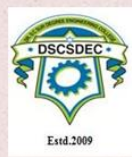
Achievements & Recognition 2020-21

Achievements & Recognition



ACHIEVEMENT AT AIT BANGKOK

Achievements & Recognition



Congratulations!!!

itute/bifurcation

IIC ID IC201811194	DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE	Star Ratings ★★★★★
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Performance Report
IIC Annual Performance Report
Bifurcation of Score and Reward Points

Score: 72.5 Reward: 72.5

IIC RATING







**OUT OF 4
STAR RATING**

★★★★★

With great pleasure we would like to inform you that **Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex** have been awarded 4 stars in the IIC Annual Performance Ratings published by the Ministry of Education-Institution's Innovation Council, Government of India for the 2020-21 academic session.

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

www.surtech.edu.in

www.jisgroup.org

Achievements & Recognition



INTERNATIONAL AWARD OF HONOUR 2021

Achievements & Recognition



प्रतिभागिता प्रमाण पत्र अभातशिप राष्ट्र स्तरीय छात्र विश्वकर्मा पुरस्कार 2020

तथागत बोस

टीम - डेल्टा इलेक्ट्रिक, डॉ० सुधीर चंद्र सुर इंस्टीट्यूट ऑफ टेक्नोलॉजी एंड स्पोर्ट्स
कॉम्प्लेक्स, वेस्ट बंगाल

को “आत्मनिर्भर भारत अभियान में सहयोग हेतु कोविड महामारी के पश्चात भारतीय अर्थव्यवस्था में सुधार प्राप्ति हेतु पलायन प्रतिवर्ती एवं पुनर्वास योजना” विषय के अंतर्गत “घरेलू हिंसा का मुकाबला करने के लिए लिंग-प्रतिक्रियाशील तंत्र” श्रेणी में “लिपस्टिक टसर” प्रोटोटाइप/ अभिनव समाधान प्रस्तुत करने हेतु प्रतिभागिता प्रमाण पत्र प्रदान किया जाता है।

Certificate of Participation AICTE National Level Chhatra Vishwakarma Awards 2020

TATHAGATA BOSE

TEAM-DELTA ELECTRIC, DR.SUDHIR CHANDRA SUR INSTITUTE
OF TECHNOLOGY AND SPORTS COMPLEX, WEST BENGAL

is hereby awarded with **Participation Certificate** in the category “**Gender-Responsive Mechanism to Combat Domestic Violence**” for presenting a prototype/ innovative solution of “**Lipstick Taser**” under the theme “**India’s Economic Recovery Post Covid; Reverse Migration and Rehabilitation Plan to support “Atmanirbhar Bharat”**”.



ANIL D SAHASRABUDHE
Chairman

M P POONIA
Vice Chairman

RAJIVE KUMAR
Member Secretary

**AICTE NATIONAL LEVEL CHHATRA VISWAKARMA
AWARDS 2020**

ANNUAL REPORT 2020-21

Achievements & Recognition



प्रतिभागिता प्रमाण पत्र अभातशिप राष्ट्र स्तरीय छात्र विश्वकर्मा पुरस्कार 2020

अमित शर्मा

टीम - डेल्टा इलेक्ट्रिक, डॉ० सुधीर चंद्र सुर इंस्टीट्यूट ऑफ टेक्नोलॉजी एंड स्पोर्ट्स
कॉम्प्लेक्स, वेस्ट बंगाल

को “आत्मनिर्भर भारत अभियान में सहयोग हेतु कोविड महामारी के पश्चात भारतीय अर्थव्यवस्था में सुधार प्राप्ति हेतु पलायन प्रतिवर्ती एवं पुनर्वास योजना” विषय के अंतर्गत “घरेलू हिंसा का मुकाबला करने के लिए लिंग-प्रतिक्रियाशील तंत्र” श्रेणी में “लिपस्टिक टसर” प्रोटोटाइप/ अभिनव समाधान प्रस्तुत करने हेतु प्रतिभागिता प्रमाण पत्र प्रदान किया जाता है।

Certificate of Participation AICTE National Level Chhatra Vishwakarma Awards 2020

AMIT SHARMA

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OF TECHNOLOGY AND SPORTS COMPLEX, WEST BENGAL

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ANIL D SAHASRABUDHE
Chairman


M P POONIA
Vice Chairman


RAJIVE KUMAR
Member Secretary

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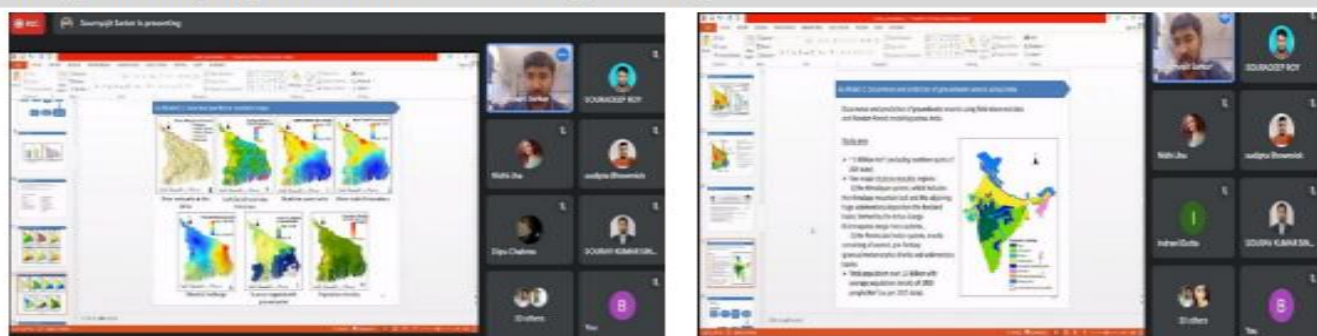
Events 2020-21

Events Organized

WEBINAR/SEMINAR/WORKSHOP SESSION ORGANIZED

5 DAY'S WORKSHOP ON "APPLICATION OF RENEWABLE ENERGY IN CIVIL ENGINEERING"

The Department of Civil Engineering successfully conducted online 5 Day's Workshop on "Application of Renewable Energy in Civil Engineering" from December 23, 2020, to December 28, 2020. The online 5 Day's Workshop aimed to enrich the knowledge and skills of faculty members in integrating renewable energy solutions into civil engineering practices, promoting sustainable and environmentally-friendly approaches to infrastructure development. The speaker of the workshop was Mr. Soumyajit Sarkar, Senior Research Scholar, School of Environmental Science & Engineering, Indian Institute of Technology, IIT Kharagpur & Dr. Ananta Kumar Das, HOD, RE Dept. MAKAUT. Overall, the online 5 Day's Workshop enabled faculty members to explore the vast potential of renewable energy in shaping the future of civil engineering.



5 DAY'S FDP ON "APPLICATION OF RECENT ADVANCEMENT IN COMPUTATION ON CIVIL ENGINEERING "

Department of Civil Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex under the aegis of JIS Group Educational Initiatives, has organized an online FACULTY & STAFF DEVELOPMENT PROGRAM-2020 from 08.07.2020 to 13.07.2020 in ZOOM virtual Platform.

The aim of this program was to provide a technical as well as value session for Academic research and industry works to educate and update faculty members as well as staff members of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex.

This Faculty & Staff Development Program has certainly provided an opportunity to the faculty members as well as to the staff members to learn the recent trends in engineering and administration for building-up the nation.



Events Organized

WEBINAR/SEMINAR SESSION ORGANIZED BY DEPARTMENT OF CIVIL ENGINEERING



Highway Geometric Design

Speaker

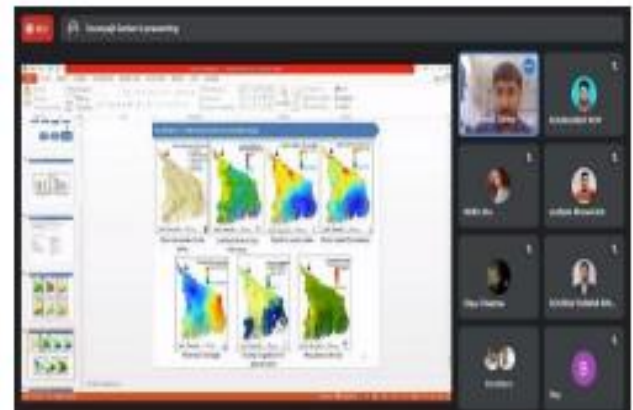
Mr. TANMAY BISWAS, Manager (Civil),
RITES Limited, Highway Division, Kolkata
Dt.15.12.2020

Application of Machine Learning in Predicting Groundwater Arsenic Distribution in the Indian Sub-continent

Speaker

Mr. Soumyajit Sarkar, Senior
Research Scholar,

Indian Institute of Technology
Dt.18.09.2020



Open Channel Flow Characteristics

Speaker

Dr. Subhasish Das, Assistant Professor,
School of Water Resource Engineering,
Jadavpur University

Dt 18.09.2020

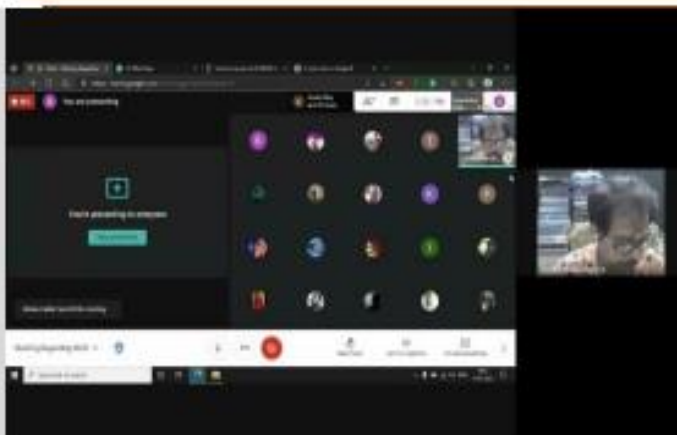
Basic Water Proofing of Building Structure Speakers

Technical team of M/s PIDILITE
COMPANY with Brand Dr.Fixit
Dt 19.06.2021



Events Organized

WEBINAR/SEMINAR/WORKSHOP SESSION ORGANIZED



Motivation to students for additional study beyond
Speakers

Mr. Baibaswata Das,
Assistant professor,
SurTech, Dt. 17.05.2021

**Intellectual Property Right in Advancement
of Research**
Speaker

**Dr. Mahua Hom Choudhury, Senior
Scientist
& Nodal Officer, Patent
Information Center, West Bengal State
Council
of Science & Technology, Bengal
Dt. 15.05.2021**



Importance of Civil Engineering

- Oldest branch of Engineering
- Vast subjects are being covered
- Close to every individual on day to day life
- Possibility of more than 50 specialization after Tech./B.E. Civil Engineering

Scope of Research in Civil Engineering

Speaker

**Dr. Makarand Ghangrekar, Professor,
department of civil engineering IIT
Kharagpur**

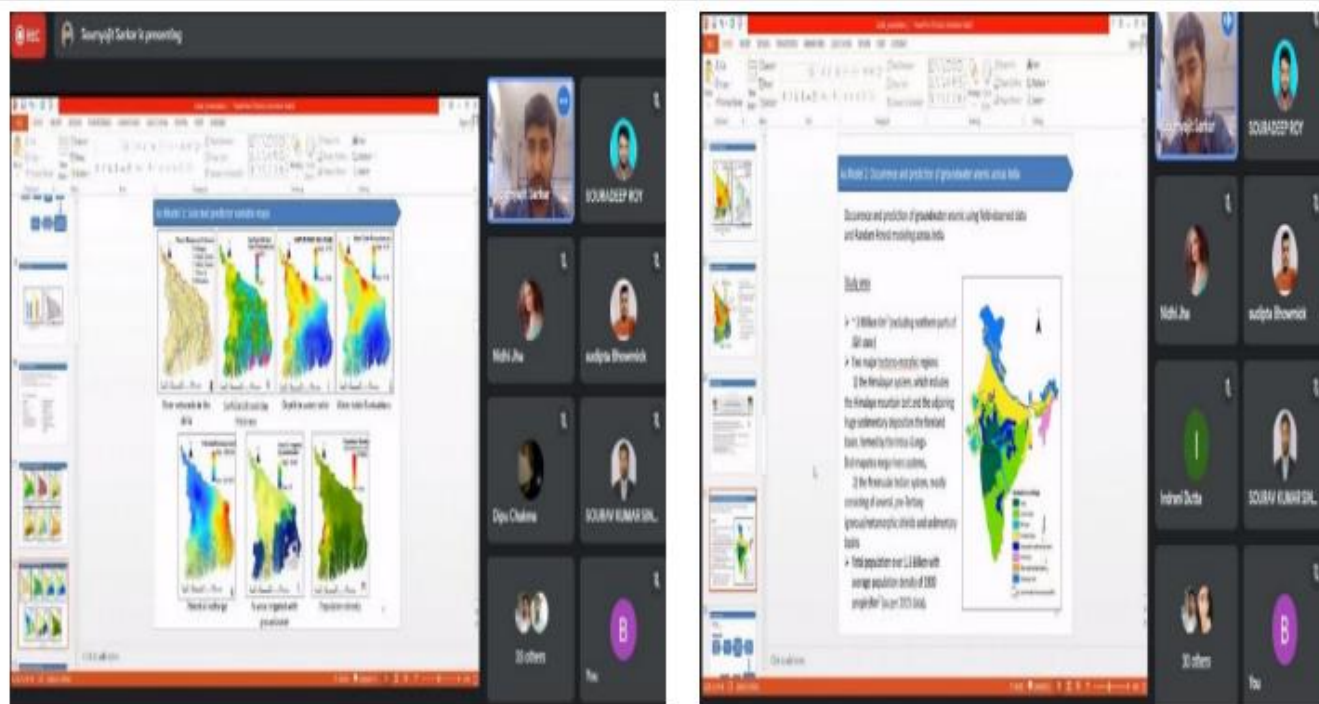
Dt 25.11.2020

Events Organized

WEBINAR/SEMINAR/WORKSHOP SESSION ORGANIZED

5 DAY'S WORKSHOP ON "APPLICATION OF RENEWABLE ENERGY IN CIVIL ENGINEERING"

The Department of Civil Engineering successfully conducted online 5 Day's Workshop on "Application of Renewable Energy in Civil Engineering" from December 23, 2020, to December 28, 2020. The online 5 Day's Workshop aimed to enrich the knowledge and skills of faculty members in integrating renewable energy solutions into civil engineering practices, promoting sustainable and environmentally-friendly approaches to infrastructure development. The speaker of the workshop was Mr. Soumyajit Sarkar, Senior Research Scholar, School of Environmental Science & Engineering, Indian Institute of Technology, IIT Kharagpur & Dr. Ananta Kumar Das, HOD, RE Dept. MAKAUT. Overall, the online 5 Day's Workshop enabled faculty members to explore the vast potential of renewable energy in shaping the future of civil engineering.



Events Organized

WEBINAR/SEMINAR/WORKSHOP SESSION ORGANIZED



JIS GROUP | **SurTech**

Presents
Workshop on HEC-HMS
by Department of Civil Engineering
In Collaboration with
Sikharthy Infotech Pvt. Ltd.

To Join Scan QR Code

Speaker
SUVRO DEBDAS

30th October, 2021 | 11:00 AM Onwards

www.surtech.edu.in | www.jisgroup.org

**ONE DAY WORKSHOP ON
HEC-HMS
(Hydrologic Modeling System)**

Speakers
Mr. SUVRO DEBDAS,
Sikharthy InfoTech Private Limited

Dt. 30.10.2021

**ONE DAY WORKSHOP ON
ETABS**

Speaker
Mr. Koustav Sanyal
CAD Point

Dt.25.09.2021



JIS GROUP | **SurTech**

Presents
Workshop on ETABS
by Department of Civil Engineering
ETABS

To Join Scan QR Code

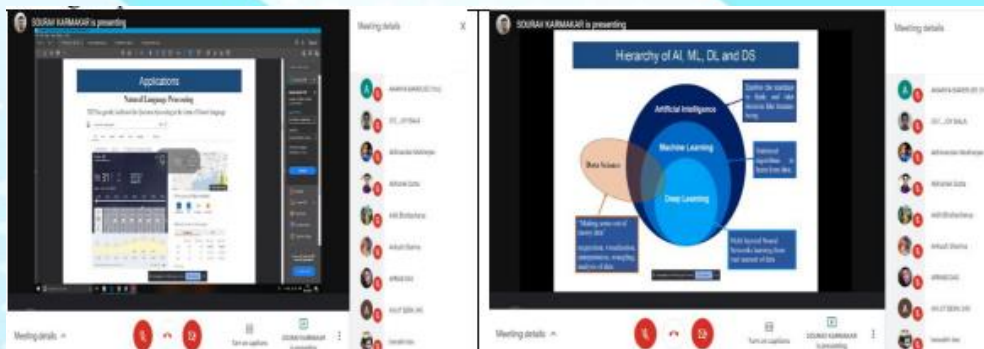
Speaker
Mr. Koustav Sandel
CAD POINT

25th September, 2021 | 11:00 AM Onwards

www.surtech.edu.in | www.jisgroup.org

Events Organized

WEBINAR/SEMINAR/WORKSHOP SESSION ORGANIZED



Title: Webinar on “Machine Learning”

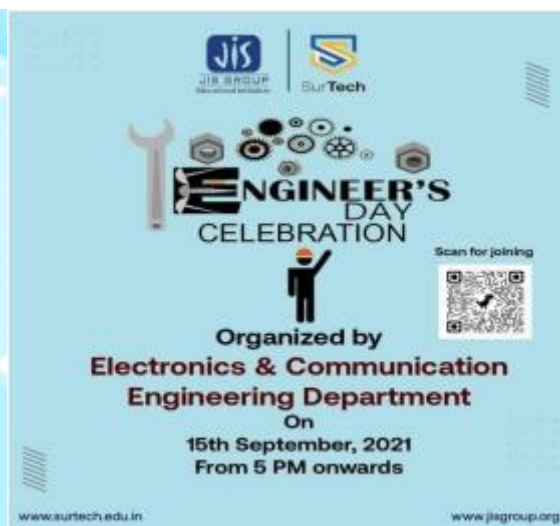
Speaker: Mr. Sourav Karmakar, Trainer, Ogma Tech Lab



Title: “Workshop on Entrepreneurship Development”
Process

Speaker: Mr.

d Year,



Title: 'Engineer's Day' celebration on 15th September'21

Events Organized

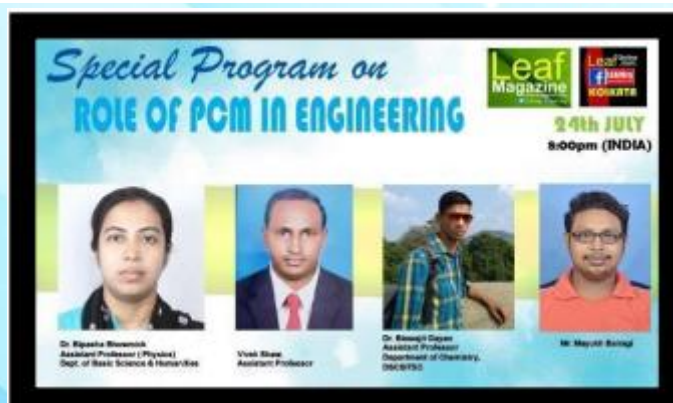


Title: LIVE SESSION on Facebook from departmental Facebook page with four Final Year ECE students who got placed in Capgemini



Title: Webinar on 'SCOPES OF ELECTRONICS IN RESEARCH & INDUSTRY'.

Speaker: Dr. Abhigyan Ganguly, Assistant Professor, Department of ECE, DSCSITSC



Title: Role of PCM in Engineering" on "Leaf Org" online studio.

Events Organized

WEBINAR/SEMINAR/WORKSHOP SESSION ORGANIZED



Title: Webinar on Higher Studies after B.Tech: Dreams turning into Reality"



Title: Online activity to inform our society about Covid protections once again at the time of unlocking

Events Organized

•Events

- ❖ Webinar on “Introduction to the BS-VI Technology” on 23.12.2020



SurTech

WEBINAR ON “INTRODUCTION TO THE BS-IV TECHNOLOGY”

Organized by

Department of Automobile Engineering & Hyundai Motor India Ltd



HYUNDAI

Speaker:

Mr. Asim Chakraborty

Zonal Manager Service (Technical), Hyundai Motors India Limited.

Venue: Online Google Platform

Date: 23rd December, 2020, Time 14.30 P.M

Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex

540, Dum Dum Road, Surer math (Surer Math) , Kolkata – 700074; West Bengal

www.surtech.edu.in

Events (FDP/MDP)

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2020-2021	Jayanta Si	Senior Technical Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Sandip Bhadra	Senior Technical Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Supriya Dhara	Junior Technical Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Papiya Nayek	Technical Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Soumita Banerjee	Technical Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Deepta Debnath	Technical Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Maheswar Das	Technical Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Sayani Roy	Technical Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Abhishek Bysack	Assistant System Administrator	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Manoj Kumar Pandey	Lab Attendant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Mayukh Bairagi	Technical Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Pallabi Das	Technical Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Sanjib Sarkar	Lab Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Anupama Kumar Guha	Technical Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Jit Majumder	Technical Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Tanmoy Das	Technical Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Soumik Jash	Accounts Officer	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Abhishek Das	Account Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Kripashankar Tiwari	Office Executive	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Suman Singh	Front Office Executive	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Nirupam Sarkar	Office Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Sayani Ghosh Saha	Marketing Executive	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Suparna Rej	Telecaller	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Prasenjit Paul	Assistant Librarian	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Prabir Dutta	Library Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Rahul Choudhary	Store Keeper	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Debina Dey	Manager	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Antara Chowdhury	Office Executive	MDP on Stress management in working place	04/01/2021 to 08/01/2021
2020-2021	Madhab Naskar	Office Assistant	MDP on Stress management in working place	04/01/2021 to 08/01/2021

Events (FDP/MDP)

Year	Name of the participant	Designation	Title of the FDP	Dates (from-to) (DD-MM-YYYY)
2020-2021	Sayantana Chakraborty	Associate Professor	FDP on ICT Tools for Teaching, Learning Process and Institute	15/03/2021 to 26/03/2021
2020-2021	Soumen Dhara	Assistant Professor	FDP on ICT Tools for Teaching, Learning Process and Institute	15/03/2021 to 26/03/2021
2020-2021	Sudipta Acharya	Assistant Professor	FDP on ICT Tools for Teaching, Learning Process and Institute	15/03/2021 to 26/03/2021
2020-2021	Atreyee Kundu	Assistant Professor	FDP on ICT Tools for Teaching, Learning Process and Institute	15/03/2021 to 26/03/2021
2020-2021	Anirban Chowdhury	Assistant Professor	FDP on ICT Tools for Teaching, Learning Process and Institute	15/03/2021 to 26/03/2021
2020-2021	Aviroop Dewan	Assistant Professor	FDP on ICT Tools for Teaching, Learning Process and Institute	15/03/2021 to 26/03/2021
2020-2021	Prathita Roy	Assistant Professor	FDP on ICT Tools for Teaching, Learning Process and Institute	15/03/2021 to 26/03/2021
2020-2021	Rumrum Banerjee	Assistant Professor	FDP on ICT Tools for Teaching, Learning Process and Institute	15/03/2021 to 26/03/2021
2020-2021	Madhusmita Mishra	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Debdatta Chatterjee	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Sanjoy Bhattacharjee	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Ruchira Dutta	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Rupan Panja	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Monu Bhagat	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Bandana Khan	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Arpita Saha Chowdhury	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Arnab Hazra	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Jayanta Mondal	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Anjan Kumar Payra	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Mallika De	Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Rinku Supakar	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Sutanu Ghosh	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Debasmita Manna	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Anuva Ganguly Mukherjee	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Rumrum Banerjee	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Tanmay Das	Assistant Professor	FDP on Cloud computing and big data analytics	21/12/2020 to 25/12/2020
2020-2021	Budhhdeb Bhattacharya	Professor	FDP on Recent Advancement in Computation on Civil Engineering	17/08/2020 to 21/08/2020
2020-2021	Sushovan Sarkar	Professor	FDP on Recent Advancement in Computation on Civil Engineering	17/08/2020 to 21/08/2020
2020-2021	Abhijit Kundu	Assistant Professor	FDP on Recent Advancement in Computation on Civil Engineering	17/08/2020 to 21/08/2020
2020-2021	Biswabandhu Chatterjee	Assistant Professor	FDP on Recent Advancement in Computation on Civil Engineering	17/08/2020 to 21/08/2020
2020-2021	Baibaswata Das	Assistant Professor	FDP on Recent Advancement in Computation on Civil Engineering	17/08/2020 to 21/08/2020

Events (FDP/MDP)

2020-2021	Krishnendu Kundu	Assistant Professor	FDP on Recent Advancement in Computation on Civil Engineering	17/08/2020 to 21/08/2020
2020-2021	Souvik Chakraborty	Assistant Professor	FDP on Recent Advancement in Computation on Civil Engineering	17/08/2020 to 21/08/2020
2020-2021	Debasish Roy	Assistant Professor	FDP on Recent Advancement in Computation on Civil Engineering	17/08/2020 to 21/08/2020
2020-2021	Prasun Seal	Assistant Professor	FDP on Recent Advancement in Computation on Civil Engineering	17/08/2020 to 21/08/2020
2020-2021	Arpita Podder	Assistant Professor	FDP on Electric Vehicles	17/05/2021 to 21/05/2021
2020-2021	Arindam Banerjee	Assistant Professor	FDP on Electric Vehicles	17/05/2021 to 21/05/2021
2020-2021	Arpita Chatterjee	Assistant Professor	FDP on Electric Vehicles	17/05/2021 to 21/05/2021
2020-2021	Rahul Kumar Prajapati	Assistant Professor	FDP on Electric Vehicles	17/05/2021 to 21/05/2021
2020-2021	Sujoy Saha	Professor	FDP on Electric Vehicles	17/05/2021 to 21/05/2021
2020-2021	Geetika Kumari Salwan	Assistant Professor	FDP on Electric Vehicles	17/05/2021 to 21/05/2021
2020-2021	Anish Biswas	Assistant Professor	FDP on Electric Vehicles	17/05/2021 to 21/05/2021
2020-2021	Pradeep Kumar Sharma	Assistant Professor	FDP on Electric Vehicles	17/05/2021 to 21/05/2021
2020-2021	Probhas Bose	Professor	FDP on Electric Vehicles	17/05/2021 to 21/05/2021
2020-2021	Ruma Sen	Associate Professor	FDP on Electric Vehicles	17/05/2021 to 21/05/2021
2020-2021	Subhasish Halder	Assistant Professor	FDP on Electric Vehicles	17/05/2021 to 21/05/2021
2020-2021	Subhendu Pal	Assistant Professor	FDP on Electric Vehicles	17/05/2021 to 21/05/2021
2020-2021	Pritam Bhattacharjee	Assistant Professor	FDP on Emerging Trends in Mechanical Engineering	07/12/2020 to 11/12/2020
2020-2021	Kalyan Mukherjee	Assistant Professor	FDP on Alternate Fuels	21/09/2020 to 25/09/2020
2020-2021	Shankha Ghosh	Assistant Professor	FDP on Rejuvenating Learning with World Class Business Improvement Approach-Lean Six: Sigma	28/06/2021 to 02/07/2021
2020-2021	Arindam Mukherjee	Assistant Professor	FDP on Additive Manufacturing	21/09/2020 to 25/09/2020



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Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex

NSS Activities



Academic Year (2020 — 2021)

Message from Coordinator



Ms. Debasmita Manna

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

I'm delighted to address all of you as we share the annual report of the National Service Scheme (NSS) at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex. This year has truly highlighted the importance of service, teamwork, and community involvement.

Our students have wholeheartedly embraced the essence of NSS, devoting their time and effort to various initiatives that have made a positive difference on campus and in the local community. From environmental projects to health awareness campaigns, each initiative has had an impact and demonstrated our youth's dedication to social responsibility.

I want to sincerely thank our faculty and staff for their constant support. Your guidance has been crucial in enabling our students to take charge and drive meaningful change.

Looking ahead, let's continue to motivate each other and explore new avenues for service. Together, we can broaden our efforts and enhance our influence.

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

Warm regards,
Debasmita Manna
Assistant Professor, Department of ECE

Vision and Mission of NSS

Vision

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

Mission

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



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1	About NSS
2	Tree Plantation Program
3	Diabetes Health Check-Up Camp
4	Awareness Program on Child ealth Care
5	Blood Donation Camp
6	Health Check-Up Vaccination Camp
7	Cloth Distribution Camp
8	Free Eye Checkup Camp



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NATIONAL SERVICE SCHEME (NSS)

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

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



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

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

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

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

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

The face stands for two belongings:

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



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

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

I do not live for me but for you.

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

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

Objectives:

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



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





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

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



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Tree Plantation Program

Date- 16th March 2021

Time: 04.00 PM **Venue:**

Student's residence **No of**

Participant: 32

Objective: To spread awareness among people about the need for conservation of the environment by planting more trees

A "Tree Plantation Program" under the Environmental Awareness Scheme was organized by NSS and EXTRA CURRICULAR Committee of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex.

The purpose of the program was to promote the message of spreading more and more greenery all around. Planting trees not only provides us with fresh air for breathing but also helps in maintaining the ecological balance in the environment.

Students with other NSS team members have planted almost 40 trees all around their home garden and their local premises. The event began with the plantation of sapling of a Tulsi plant by our Principal Sir at his home. He had also shared his views on the need for planting more and more trees to save our mother Earth on digital platform. Students have been suggested to plant trees in their localities also. Students have also shared paintings and posters to create awareness in the society about this act.

Name of the Event	Coordinator	No. of Participants
<i>Tree Plantation Program</i>	Ms. Debasmita Manna	32



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“TREE PLANTATION PROGRAM”

Organized by
NSS AND EXTRACURRICULAR ACTIVITIES COMMITTEE

Date : 16th March 2021, Time 04:00 PM

Banner of "Tree Plantation" program on 16.03.2021



Image of Student planting tree in their residence at COVID period on 16.03.2021



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Diabetes Health Check Up Camp

Date- 3rd May 2021

Time: 10.30AM **Venue:**

Lion's Club **No. of**

Participants: 35

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

The students of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex in collaboration with NSS and Extracurricular Activities Committee have organized a "Health check-up Diabetes Camp" on 3rd May, 2021 under the scheme of Health Awareness 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.

The NSS team has arranged for a panel of doctors from a nearby private nursing home who have tested the glucose level of participants from local Slums and. Accordingly, medicines were recommended and instructions have been given to those who were diagnosed as diabetic in nature with high glucose level.

Name of event	Coordinator	Number of participants
<i>Diabetes Health Check-Up Camp</i>	Ms. Debasmita Manna	35

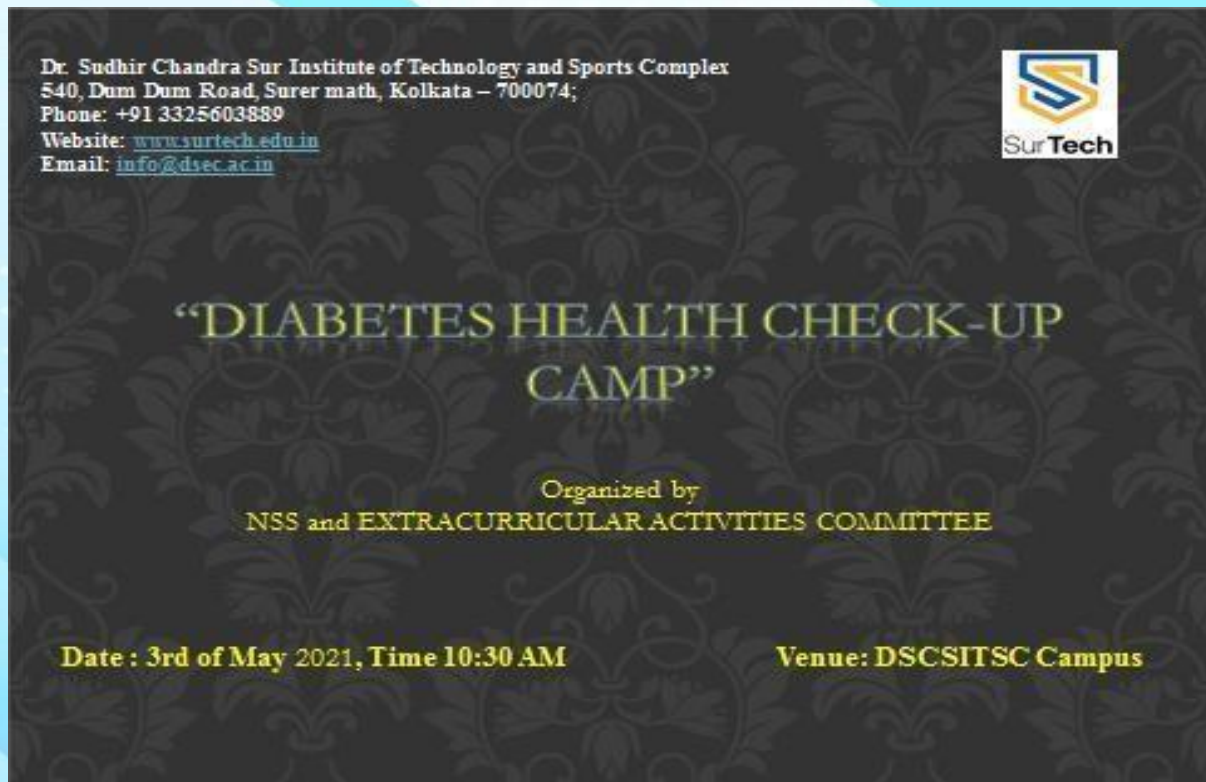


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Banner of Diabetes Health Check-Up Camp on 03.05.2021



Image of Student planting tree in their residence at COVID period on 16.03.2021



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Awareness Program on Child Health Care

Date- 6th December 2020

Time: 10.00 AM

Venue: Chhatakol Slum Area, 540 Dum Dum Road, Surer math, (Near Dum Dum Jn. Station), Kolkata-700074 West Bengal

No of Participants: 20

Objective: To create awareness among people for providing good food among children for nurturing their proper nutrition.

The NSS and Extra Curricular Committee members of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex along with students had organized an activity on "Awareness Program on Child Health Care" under the scheme of Social Awareness on 6th December, 2020 to aware people about the malnutrition of poor children

Generally, nutrition has always become a major question for the people who live in slum areas. The children also suffer from this problem and as a result develop several health issues. The deficiency of proper nutrients do not allow the poor children to build stamina which is very important at this stage of pandemic. The consumption of some basic nutrients would help these children to fight against this dreadful situation.

NSS team members have visited nearby Chhatakol slum area where they distributed food, clothes and books to the poor children and have also talked to their parents to convince them about the ill effects malnutrition and the need to take care of these children for gifting them with a good health.

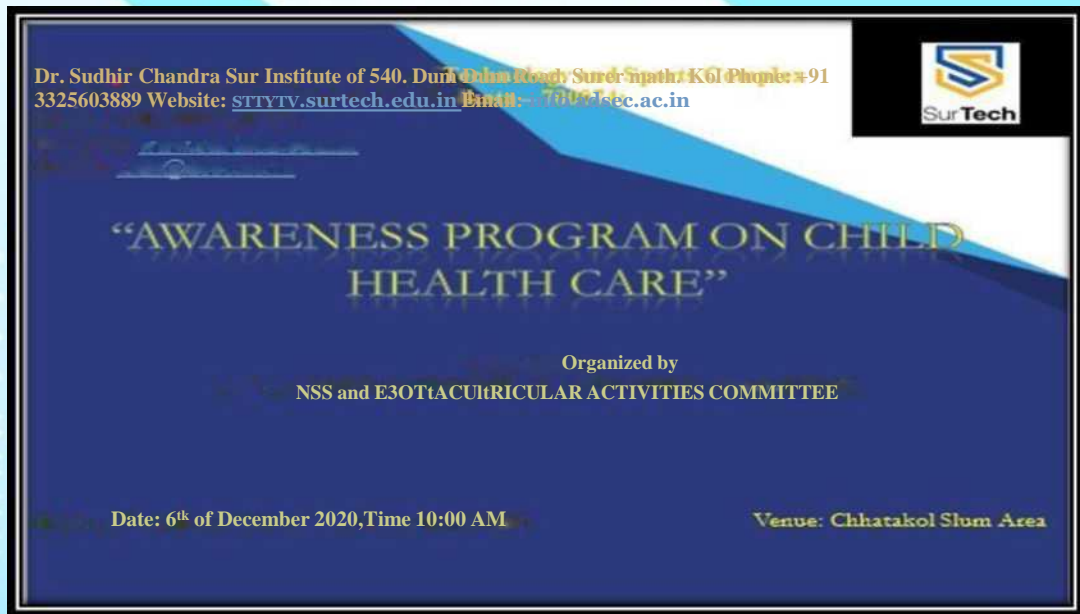
Name of event	Coordinator	Number of participants
Awareness Program Child Care	Ms. Debasmita Manna	20



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Banner of "Awareness Program on Child Labor" on 06.12.2020



Photos of “Awareness Program on Child Labor” on 06.12.2020 at Chatakol Slum area



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Blood Donation Camp

Date- 17th November, 2020

Time: 10.00 AM

Venue: 3rd floor (Room No. 418), Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

No of Participants: 50

Objective: The purpose of this activity was to help people in surviving by collecting blood from donors

The students in association with the NSS team and Extra Curricular Committee members of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex along with students had organized a "Blood Donation Camp" under Health Awareness Scheme on 7th October, 2021 to inform people about the necessity of storage of blood for circulation at the time of emergency. The NSS team arranged for 20 beds in assistance of local bodies and has also brought in doctors who have conducted the blood taking activity from the donors. Apart from the students, staffs and people of localities have also participated in this program. Both before and after the blood donation, a thorough check-up of the donor has been done so as to detect his or her fitness level. The donors were given with food packets after donating blood so as not to feel dizzy and collapse. Arrangement of sick room and emergency provisions were made available in case of any emergency required by any donor. The NSS team has supervised the program with the help of the local bodies and the event was a success.

Name of event	Coordinator	Number of participants
<i>Blood Donation Camp</i>	Ms. Debasmita Manna	50



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Banner of "Blood Donation Camp" on 17.11.2020



Glimpses of “Blood Donation Camp” on 17.11.2020 at College Campus in collaboration with Lion’s Club



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Health Check-up Vaccination Camp

Date- 19th May 2021

Time: 11.00 AM

Venue: 3rd floor (Room No. 418), Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, for Local People

No of Participants: 123

Objective: The purpose of this activity was to help people in accessing free medical health check-up facilities from the institute

The NSS and Extra Curricular Committee members of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex along with all staffs & all students had organized a "Health Check-up Vaccination Camp" under the scheme of Health Awareness on 19th May 2021 to vaccinate the students, Staffs & other people. The purpose of this activity was to spread awareness about developing the urge of the people to get their health checked up at regular intervals to remain updated about their current status of health. The event was conducted in tie-up with Bellevue Clinic to provide medical assistance to the people. A team of medical experts came to the college and have attended the participants of the camp. Apart from basic check-up facilities like height and weight measurement, blood pressure checking vaccination drive was also arranged for the participants. This service was made available to the people who have registered themselves for this campaign at a free of cost to spread awareness among people about the requirement of diagnosis of health for living a better life.

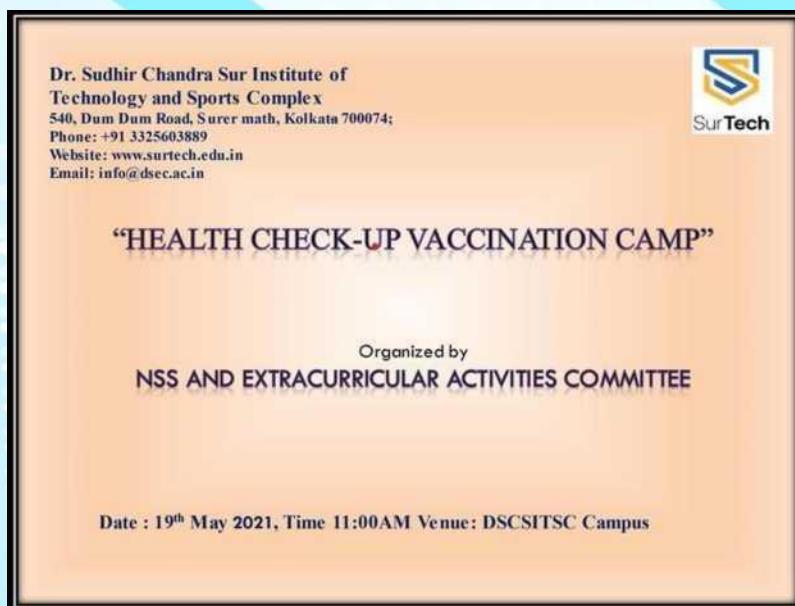
Name of event	Coordinator	Number of participants
Health Check-Up Vaccination Camp	Ms. Debasmita Manna	123



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Banner of Health Check-up Vaccination Camp on 19.05.2021



Some Photos of Health Check-up Vaccination Camp on 19.05.2021 at college campus for locality people



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Cloth and Mask Distribution Camp

Date- 11th September 2020

Time: 11.00 AM

Venue: Chhatakol Slum Area, 540 Dum Dum Road, Surer math, (Near Dum Dum Jn. Station), Kolkata-700074 West Bengal

No of Participants: 34

Objective: The purpose of this activity was to provide people with clothes for fulfilling their needs of survival and Mask distribution to protect people from spread of COVID 19.

The NSS and Extra Curricular Committee of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex in collaboration with NSS and Extracurricular Activities Committee arranged a “Cloth and Mask Distribution Camp” under the Social Awareness Scheme in nearby Chhatakol Slum Area on 11th September, 2020. The camp was arranged to help the needy people by providing them with some clothes with which they can survive at least with some comfort surviving the heat, rain and cold. The NSS team reached the nearby Chhatakol slum area where they distributed clothes to children and masks to the adults, both male and female. Senior citizens were also provided with clothes and masks as per their requirements. The NSS team has also distributed blankets to those poor people. Near about 50 blankets were distributed and children were also given with some chocolates as a token of love for them. The smile on their faces on receiving the clothes and masks clearly reflected that this activity had helped them to find a little bit of happiness amidst the struggle for survival these people go through for earning their daily breads. The NSS team has promised these poor families to stand by their side at the time of their any needs to help them fight against their poverty. The distribution of the clothes and masks has been appreciated by the people of that slum which will help them to survive the COVID 19 and different seasons with a little bit of comfort.

Name of the Event	Coordinator	No. of Participants
<i>Cloth Distribution Camp</i>	Ms. Debasmita Manna	34

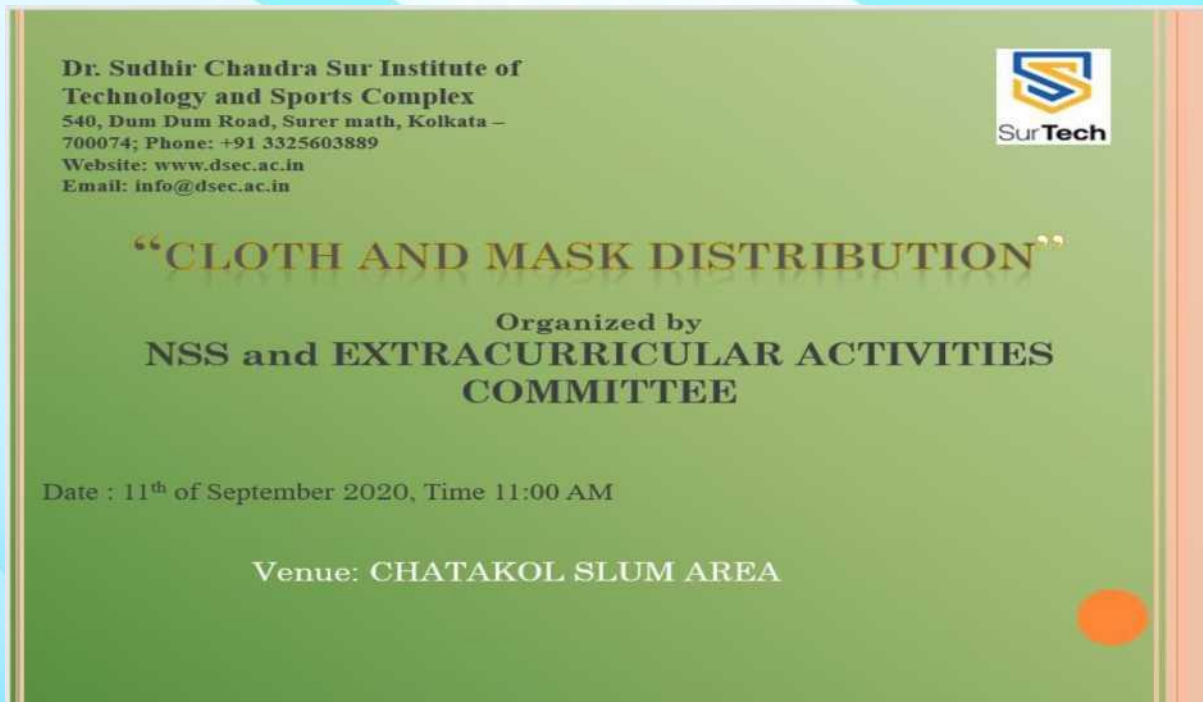


SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

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25603898, 65330375 Website: www.surtech.edu.in ; Email- info@dsec.ac.in



Banner of Cloth Distribution Camp on 11.09.2020



Photos of Cloth Distribution Camp on 11.09.2020 at Chatakol Slum Area



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Free Eye Checkup Camp Organized by NSS and Extra Curricular Activities Committee

Date: 18th February 2021

Time: 02.30 PM **Venue:**

Lion's club **No of**

Participants: 25

Objective: Access to quality eye care services is a fundamental aspect of public health.

Accessibility and affordability: Financial barriers to eye care are removed via free eye checkup camps, which guarantee that people from underprivileged communities can obtain necessary vision screening services without incurring any costs. These camps remove financial obstacles, enabling economically disadvantaged populations that might otherwise be unable to afford necessary eye exams to have access to eye care services.

Early Identification and Avoidance:

Frequent ocular examinations have a pivotal role in the prompt identification and mitigation of vision-related conditions as refractive errors, cataracts, glaucoma, and diabetic retinopathy. Free eye checkup camps help with early diagnosis by offering thorough examinations that allow medical experts to see possible problems with eye health in their early stages and take prompt action to stop them from getting worse.

Name of event	Coordinator	Number of participants
<i>Free eye checkup camp</i>	Ms. Debasmita Manna	25



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Email: info@dsec.ac.in

Free Eye Checkup Camp

**Organized by
NSS & Extracurricular Activity Committee**

18th February 2021, from 2.30 PM

Banner of Free Eye Checkup Camp Held on 18th February 2021



Photo of Free Eye Checkup Camp on 18th February 2021 at Lion's club



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ANNUAL ACTIVITIES OF STUDENTS' CLUBS

2020-2021



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Formation of the Clubs of

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

The Student Clubs at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex 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 decision-making processes.
4. To motivate and support students in achieving academic success while promoting involvement in extracurricular activities that contribute to their holistic development.
5. To extend the involvement of students in community and parish activities, fostering innovation, entrepreneurial ventures, civic responsibility and strengthening ties between the faculties and students as well as Institute and the broader community.

Qualification and Responsibilities of Convenor



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



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List of Clubs:

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



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



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		messages, and techniques used in documentaries and dramas.
11	Biosystem and Environment Engineering Club	<p>To Increase understanding of environmental issues and the importance of ecological balance.</p> <p>To encourage community participation in local and global environmental initiatives.</p> <p>To advocate for and participate in conservation projects to protect natural habitats and species.</p> <p>To provide learning experiences through workshops, lectures, and field trips on biosystems and ecology.</p> <p>To support and promote research in ecological and environmental sciences.</p>
12.	Community Connect (NSS) Club	<p>To encourage active participation in community service.</p> <p>To build leadership skills through social initiatives.</p> <p>To foster understanding and compassion for diverse communities.</p> <p>To inspire a commitment to volunteer work.</p> <p>To raise awareness of social issues and challenges.</p>
13.	Literary Club	<p>To unleash the creative potential of students and help them to come up with creative ideas.</p> <p>To engage them in different verbal and non-verbal activities adhering to the characteristics of the club.</p> <p>To develop their ideas and shape them into words or images showcasing their talents in different dimensions.</p> <p>To prepare the students for a clear and rational demonstration of their ideas while participating in interactive sessions.</p> <p>To involve students in different literary activities such as speech, debate, recitation, several forms of writing, art, sketch and painting.</p>
14.	Yoga and Meditation Club	<p>To Improve overall physical health and fitness through regular yoga practice, enhancing flexibility, strength, and balance.</p> <p>To Foster mental clarity and focus by integrating meditation practices that help reduce stress, anxiety, and mental fatigue.</p> <p>To Support emotional well-being by creating a space where members can explore and manage their emotions in a constructive way.</p> <p>To Create a supportive community where members can share their experiences, challenges, and progress, fostering a sense of belonging and mutual encouragement.</p>



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15.	Sports Club	<p>To provide a diverse programme of sporting activities throughout the academic session.</p> <p>To encourage every student's cooperation, harmony in order to create a physically stimulating environment.</p> <p>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.</p>
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Member List of Clubs

• Science and Technology Club			
Sl No	Name	Designation	Department
1	Prof. (Dr.) Omprakash Sharma	Chairman	Principal
2	Dr. Joyoti Biswas	Faculty in Charge	BSH
3	Mr. Krishnendu Kundu	Member	CE
4	Dr. Dipankar Das	Member	BSH
5	Ms. Geetika Kumari Salwan	Member	ME
6	Mr. Ankit Mukherjee	Member	AUE
7	Mr. Sourav Dey	Member	CSE
• Robotics Club			
Sl No	Name	Designation	Department
1	Ms. Rumrum Banerjee	Faculty in Charge	EE
2	Ms. Arpita Chatterjee	Member	ME
3	Ms. Debdatta Chatterjee	Member	CSE
4	Ms. Sudipta Pal	Member	EE
5	Mr. Priyatosh Ghosh	Member	CE
6	Mr. Dipayan Deb	Member	ECE
7	Mr. Sudipto Sil	Member	CSE
• Nirman Club			
Sl No	Name	Designation	Department
1	Kalyan Mukherjee	Faculty-in-Charge	AUE
2	Souvik Chakraborty	Secretary	CE
3	Baibaswata Das	Assistant Secretary	CE
4	Somnath Das Gupta	Faculty Member	ECE
5	Sanjib Sarkar	Staff Member	EE
6	Jay Prakash De	Student Member	CSE
7	Sudip Kuila	Student Member	ME
• Mathematics Club			
Sl No	Name	Designation	Department
1.	Prof. (Dr.) Omprakash Sharma	Chairman/President	Principal, Admin



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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. Tithi Paul	Student Member	CSE
12.	Mr. Rittik Bose	Student Member	EE
13.	Mr. Pranajit Das	Student Member	ME
14.	Ms. Swagata Das	Student Member	ECE

• **Coding Club**

Sl No	Name	Designation	Department
1	Prof. (Dr.) Omprakash Sharma	Chairman/President	Principal, Admin
2	Ms. Rinku Supakar	Faculty, Convenor	CSE
3	Mr. Vivek Shaw	Faculty Member	CSE
4	Ms. Sangeeta Jana Mukhopadhyay	Faculty Member	ECE
5	Mr. Shankha Ghosh	Faculty Member	AUE
6	Ms. Madhusmita Mishra	Student Member	CSE
7	Ms. Sneha Chakraborty	Student Member	CSE
8	Mr. Arpan Hazra	Student Member	ME
9	Mr. Rivu Layek	Student Member	ECE

• **Art and Craft Designing Club**

Sl No	Name	Designation	Department
1	Prof. (Dr.) Omprakash Sharma	Chairman/President	Principal, Admin
2	Mr. Souvik Chakraborty	Faculty, Convenor	CE
3	Mr. Kalyan Mukherjee	Faculty Member	AUE
4	Ms. Pallabi Bose	Faculty Member	BSH



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5	Ms. Debasmita Roy Chowdhury	Faculty Member	BSH
6	Mr. Sneharghya Sil	Student Member	ECE
7	Mr. Subhadip Sarkar	Student Member	AUE
8	Mr. Arkaprava Ghosh	Student Member	EE
9	Mr. Pritam Deb	Student Member	CE
• Photography Club			
Sl No	Name	Designation	Department
1	Prof. (Dr.) Omprakash Sharma	Chairman/President	Principal, Admin
2	Dr. Sukhendu Sadhukhan	Faculty, Convenor	BSH
3	Mr. Shankha Ghosh	Faculty Member	AUE
4	Ms. Nibedita Biswas	Faculty Member	BSH
5	Ms. Pratiksha Ghosh	Student Member	CSE
6	Mr. Sayan Dirghangi	Student Member	CSE
7	Mr. Bipra Roy	Student Member	CE
8	Mr. Moulik Biswas	Student Member	EE
• Cultural Club			
Sl No	Name	Designation	Department
1	Prof. (Dr.) Omprakash Sharma	Chairman/President	Principal, Admin
2	Mr. Arindam Mukherjee	Faculty, Convenor	AUE
3	Ms. Ananya Banerjee	Faculty Member	ECE
4	Ms. Debdatta Chatterjee	Faculty Member	CSE
5	Ms. Rumrum Banerjee	Faculty Member	EE
6	Mr. Prathita Roy	Faculty Member	EE
7	Ms. Nibedita Biswas	Faculty Member	BSH
8	Ms. Tanusree Chakraborty	Student Member	CE
9	Mr. Abhishek Pathak	Student Member	AUE
10	Ms. Shrestha Das	Student Member	ECE
11	Ms. Prativa Biswas	Student Member	EE
• Quiz and Debate Club			



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SI No	Name	Designation	Department
1	Souvik Chakraborty	Faculty-in-Charge	CE
2	Arindam Mukhopadhyay	Member	AUE
3	Madhusmita Misra	Member	CSE
4	Pallabi Bose	Member	BSH
5	Subhasish Halder	Member	ME

• **Documentary and Drama Club**

SI No	Name	Designation	Department
1	Dr. Saradindu Panda	Chairman	Principal
2	Debasmita Roy Chowdhury	Convener	BSH
3	Dr. Rinku Supakar	Member	CSE
4	Dr. Abhigyan Ganguly	Member	ECE
5	Arindam Mukherjee	Member	AUE
6	Akash Chatterjee	Member	CSE
7	Sajal Mondal	Member	AUE
8	Anushka Maity	Member	ECE
9	Sayani Bhattacharya	Member	ECE
10	Sohan Chakraborty	Member	CE
11	Kriti Keshari	Member	EE

• **Biosystem and Environment Engineering Club**

SI No	Name	Designation	Department
1	Souvik Chakraborty	Faculty-in-Charge	CE
2	Debasmita Manna	Member	ECE
3	Kalyan Mukherjee	Member	AUE
4	Rumrum Banerjee	Member	EE
5	Manoj Pandey	Member	CSE
6	Mayukh Bairagi	Member	ECE

• **Community Connect (NSS) Club**

SI No	Name	Designation	Department
1	Ms. Debasmita Manna	Faculty-in-Charge	ECE
2	Mr. Anjan Kumar Pyra	Member	CSE
3	Mr. Sankha Ghosh	Member	AUE
4	Mr. Abhishek Chandra	Member	ME
5	Mr. Krishnendu Kundu	Member	CE
6	Ms. Jaysree Banik	Member	ECE
7	Mr. Priyatosh Ghosh	Member	CE



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8	Mr. Dipankar Das	Member	EE
9	Mr. Dhruva Roy	Member	ECE
• Literary Club			
Sl No	Name	Designation	Department
1	Dr. Saradindu Panda	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. Uddipta Banerjee	Student coordinator	CE
10	Mr. Kaustav Sharma	Student coordinator	CSE
11	Mr. Arnab Das	Student coordinator	AUE
• Yoga and Meditation Club			
Sl No	Name	Designation	Department
1	Mr. Pritam Bhattacharjee	Faculty-in-Charge	AUE
2	Mr. Sourav Kumar Singha	Secretary	CE
3	Ms. Nibedita Biswas	Assistant Secretary	BSH
4	Mr. Firojuddin Sk	Faculty Member	ECE
5	Mr. Sandip Bhadra	Staff Member	AUE
6	Ms. Sayani Roy	Staff Member	CSE
7	Mr. Jit Majumder	Staff Member	ME
• Sports Club			
Sl No	Name	Designation	Department
1	Prof. (Dr.) Omprakash Sharma	Chairman/President	Principal, Admin
2	Mr. Prathita Roy	Faculty in Charge	EE
4	Mr. Subhasish Halder	Secretary	ME
5	Mr. Kalyan Mukherjee	Assistant Secretary	AUE
6	Mr. Sanjib Sarkar	Member	EE
7	Mr. Manoj Pandey	Member	CSE
8	Mr. Debjyoti Chakraborty	Member	ECE
9	Mr. Tanmoy Das	Member	ME



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10	Ms. Antara Chowdhury	Member	T&P
11	Mr. Vivek Shaw	Member	BSH
12	Mr. Mayukh Bairagi	Member	ECE



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Science and Technology Club



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Report on
"7th Annual Project Idea Competition"
 On **05.08.2020 & 06.08.2020**
 Organised by
"IMPULSE"-an ECE Forum
 and **SCIENCE AND TECHNOLOGY CLUB**

REPORT

Budding Students of today are not only technocrats but also they are the treasure of hidden talents and innovations.

This saying was proved rightly by an organizing **Virtual "7th Annual Project Idea Competition"** which was organized by **"IMPULSE"-an ECE Forum regd. by IETE-ISF & Electro vision Tech Club** on **05.08.2020 & 06.08.2020** under the dynamic leadership of all faculty members & staff of the ECE Department, DSCSITSC. It was the involvement of all "IMPULSE" forum members' long hard work by displaying their exhibits.

As annual project competition is the tradition of "IMPULSE"-an ECE Forum since 2014, in associated with there was an attraction of "Reminiscence"- a gallery of activities of ECE students- an accumulative effort of different club activities of ECE department (**Green Pearl Club, Ink-Link Club, Electro vision Club, and 4-Dimension Club**).

The program was inaugurated by **Prof. (Dr.) Jyotsna Kumar Mandal (Chairman IETE, Kolkata), Mr. U.S. Mukherjee (Deputy Director, JIS Group), Prof. (Dr.) A.B.Smaddar (Director, DSCSITSC), Prof.(Dr.)Om Prakash Sharma (Principal, DSCSITSC)** along with external jury members Mr. Turjasu Pyne (Founder and Senior embedded system architect at TW Instruments), Dr. Anwesha Mukherjee (Assistant Professor, Dept. of Computer Science, Mahishadal Raj College), Dr. Abhijit Das (Associate Professor, RCC Institute of Information Technology, Kolkata) and all HODs, faculty, staff members and students.

Inter State School Students, Inter State Diploma Students and B.Tech students from various departments from our institute and other institutes participated in this project competition. Around 225 participants participated in this competition.

The Virtual Valedictory Session was held on 6th June'21 where the winner, 1st runner up, 2nd runner up & 3rd Runner up were awarded as well as rewarded. All



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Jurys were honored by a token of remembrance. Forum members also showed their gratitude towards Principal Sir along with all teachers of the ECE Department.

It was a great learning experience for the school and college students who participated in the competition.

Some glimpses of the event are enclosed/attached herewith.





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Report on
One day Seminar by Tech Cyber Cop

On
24th June 2021

Organised by
SCIENCE AND TECHNOLOGY CLUB

REPORT

Tech Cyber Cop, a leading international brand in Cyber Security training, conducted a one day webinar for B Tech Computer Science and Engineering and Electronics and Communication Engineering students of Dr Sudhir Chandra Sur Institute of Technology and Sports Complex on 24th June 2021. The Tech Cyber Cop Team made a very impressive presentation having elements of pragmatism and industry readiness on the theme, 'Cyber Security and; Ethical Hacking'. More than 80 students of CSE and ECE third year participated in the session, took part in interactive question answer, hacking and quiz competitions and won a number of appreciation prizes. The moments are captured in photographs and video that are attached herewith.

On the basis of the level of performance by the students, a proposal was served to the students for Internship leading to placement from seventh semesters onwards for third year students. The proposal serves as an invitation to students for 15 numbers of internships (10 for CSE and 5 for ECE). A likely MoU for furthering the actions towards academic welfare of the students is another fruitful outcome of the seminar. The MoU will enhance placement assistance in the niche sector of cyber security. Such ventures of the Institute will provide wings to the students providing them greater job opportunity and innovation.



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Zoom Meeting Interface

Participants List:

Tanmoy Gangop...	Bhavini Lakhotia	Sneha Adhikary	Arijit Ghosh	Ayan Mukherjee
Tanmoy Gangopadhyay	Bhavini Lakhotia	Sneha Adhikary	Arijit Ghosh	Ayan Mukherjee
Arijit Banerjee_CSE_11	Snehasis Dey	PRALAY KRISH...	Akanchha Pradh...	Bhanu Ray
Arijit Banerjee_CSE_11	Snehasis Dey	PRALAY KRISHNA PRAMANK	Akanchha Pradhan	Bhanu Ray
Srija Samanta	Minmoy Debna...	Aindrila	Asmita	pallabi bose
Srija Samanta	Minmoy Debnath	Aindrila	Asmita	pallabi bose
Raju Chatterjee	Arijit Saha	Krishna Khare	Nibedita Biswas	Subhankar
Raju Chatterjee	Arijit Saha	Krishna Khare	Nibedita Biswas	Subhankar
Gourab Sarkar) DSEC/CSE/3r...	Spandan	Avlin Saha	MD TARIF	arijit samaddar
Gourab Sarkar) DSEC/CSE/3r...	Spandan	Avlin Saha	MD TARIF	arijit samaddar

Recording...

Talking: Soumya Subhra Biswas



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Robotics Club



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Virtual Extempore Event

Topic: Robotics and Innovative Technology

Date: 06/09/2020

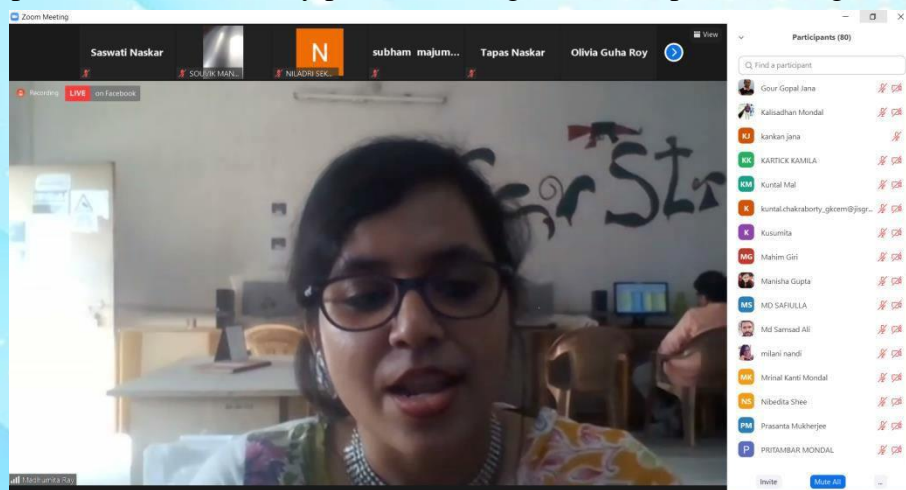
Time: 01:00 PM

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, 2020 at DSCSITSC.**

Lectures for Robotics Club Members Topics covered in lectures: Pneumatics Basics. Different types of motors. Working of motors. Sensors. Types of wheels. Some Switches. Basics of chassis. Different structures of robots. Basics of microcontrollers, its applications and use. As technology and development are increasing which can help people physically but peace and harmony can make people united and increase development. To stop the issues and problems in the country peaceful dialogues will help in resolving the issues.





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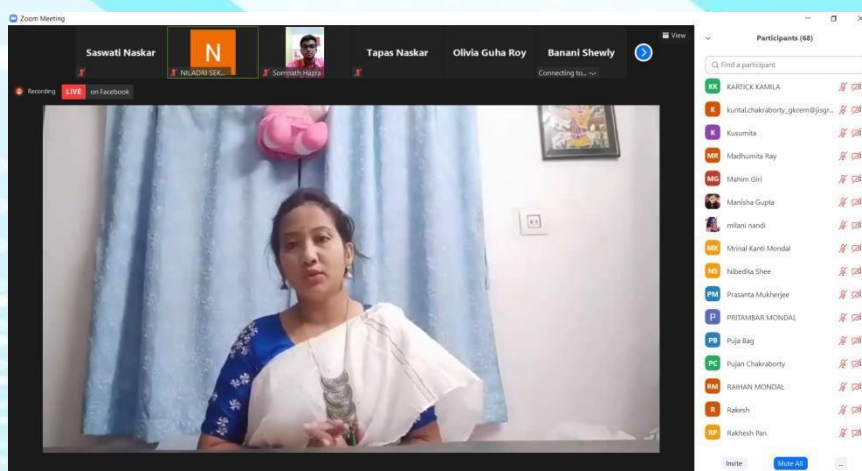


Fig: One day virtual Extempore Program



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Virtual Extempore Event

Topic: Autonomous Robot

Date: 06.02.2021

Time: 01:00 PM

Venue: online

Report: Robotics Club of DSCSITSC has organized one day Virtual Extempore Program on 6th Feb, 2021 at DSCSITSC.

An autonomous robot is a robot that is designed and engineered to deal with its environment on its own, and work for extended periods of time without human intervention. Autonomous robots often have sophisticated features that can help them to understand their physical environment and automate parts of their maintenance and direction that used to be done by human hands. Some examples of autonomous robots include autonomous cleaning robots like Roomba, medical delivery robots, and other robots that move freely around a physical space without being physically guided by humans. By contrast, when many people think of robots, it is of factory robots or others that are in a fixed workstation, or those that are controlled by a human user.



Fig: Discussion on Robot Mechanism



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Nirman Club



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AY: 2020-2021

Title: Event report of online “Quiz competition on Innovative Construction Techniques”.

Date: November 27, 2020

Platform: Online

Introduction

On November 27, 2020, an online “Quiz Competition on Innovative Construction Techniques” was organized to engage students in a fun and educational activity focused on the latest advancements in the construction industry. The event aimed to test participants' knowledge of innovative construction techniques while promoting awareness of new technologies and methods shaping the field. A total of 43 participants from various disciplines took part in the competition, making it an enriching experience for all involved.

Event Objectives

- **Knowledge Enhancement:** To assess and expand participants' understanding of innovative construction techniques, materials, and technologies.
- **Engagement and Learning:** To create an interactive platform where students could engage in a challenging yet enjoyable learning experience.
- **Awareness Promotion:** To raise awareness about the importance of staying updated with the latest trends and innovations in the construction industry.
- **Encouraging Healthy Competition:** To foster a spirit of healthy competition among participants, encouraging them to excel and deepen their knowledge.

Event Overview

The quiz competition was conducted online, allowing participants to join from the comfort of their homes. The quiz comprised multiple-choice questions covering a wide range of topics, including sustainable construction practices, advanced materials, smart building technologies, and modern construction methods like 3D printing and prefabrication. The questions were designed to challenge participants' knowledge and encourage them to think critically about the practical applications of these innovations.

The competition was divided into several rounds, with each round increasing in difficulty. Participants were required to answer the questions within a specified time limit, adding an element of excitement and urgency to the competition. The top performers from each round advanced to the next, culminating in a final round where the winners were determined.

Event Outcomes



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- **Increased Knowledge:** Participants demonstrated a strong grasp of innovative construction techniques, with many expressing that they had learned new concepts through the quiz.
- **Engagement:** The online format proved effective in keeping participants engaged and actively involved, even in a virtual setting.
- **Awareness:** The quiz highlighted the importance of staying informed about industry trends, motivating participants to further explore the topics covered.
- **Healthy Competition:** The competition fostered a sense of camaraderie and healthy competition among the participants, making it an enjoyable and memorable experience.

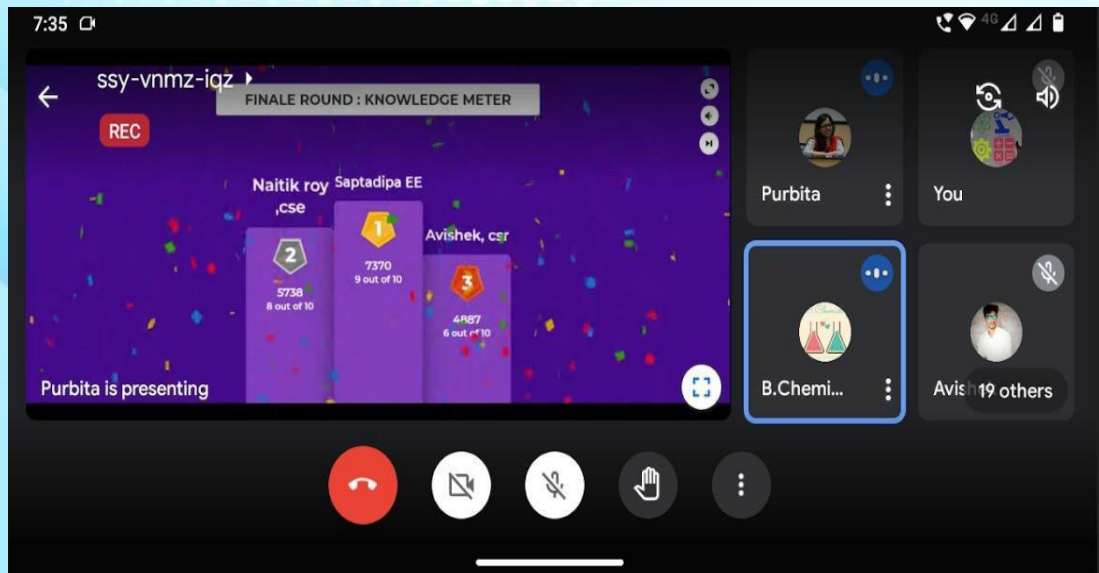


Figure: online Quiz competition on Innovative Construction Techniques



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Title: Event report of online “Debate competition on wellbeing of construction”.

Date: March 22, 2021

Platform: Online

Introduction

On March 22, 2021, an online “Debate Competition on Wellbeing of Construction” was organized, focusing on the multifaceted impacts of construction on societal wellbeing. This event aimed to engage students in a critical discussion about how construction practices influence not only the built environment but also the health, safety, and overall wellbeing of communities. The debate competition attracted 31 participants, including students from various academic backgrounds, creating a dynamic platform for exchanging ideas and perspectives.

Event Objectives

- **Critical Thinking:** To encourage participants to think critically about the relationship between construction practices and societal wellbeing.
- **Awareness:** To raise awareness about the importance of sustainable and ethical construction practices that prioritize the health and safety of communities.
- **Public Speaking:** To enhance the public speaking and argumentative skills of participants through structured debate.
- **Engagement:** To foster an engaging and interactive environment where students can explore different viewpoints and develop a deeper understanding of the topic.

Event Overview

The debate competition was held online, allowing participants to join from various locations. The event was structured into several rounds, with participants divided into teams representing opposing viewpoints on the wellbeing of construction. Topics debated included the environmental impact of construction, the role of innovation in enhancing construction safety, the social responsibilities of construction companies, and the balance between development and community health.

Each team presented their arguments, followed by a rebuttal round where they challenged the opposing team's points. Judges evaluated the debates based on the strength of the arguments, the depth of research, clarity of presentation, and the ability to counter opposing views effectively.

The competition was moderated by faculty members who ensured a fair and balanced discussion. The event concluded with a final round, where the top teams debated the overarching question of whether current construction practices adequately address the wellbeing of society.

Event Outcomes



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- **Enhanced Understanding:** Participants gained a deeper understanding of the complex relationship between construction practices and societal wellbeing, recognizing the need for more sustainable and ethical approaches.
- **Improved Skills:** The event provided participants with an opportunity to refine their public speaking, research, and critical thinking skills.
- **Increased Awareness:** The debate highlighted the importance of considering the broader impacts of construction, encouraging future professionals to prioritize wellbeing in their work.
- **Engaged Discussion:** The event fostered a lively and informed discussion, with participants actively engaging in the debate and contributing diverse perspectives.



Figure: online Debate competition on wellbeing of construction



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Mathematics Club



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Observance of the Webinar on National Mathematics Day

No. of Participants: 85

Venue: Online Platform

Date: 22.12.2020

Time: 2.30P.M

Objective of the Event-

To develop and inculcate the interest in Mathematics among the students

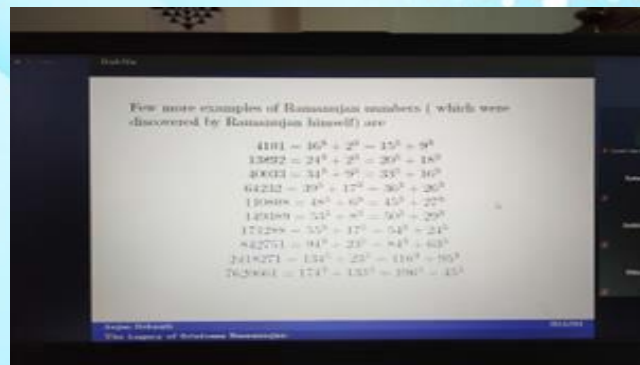
On the auspicious occasion of National Mathematics Day, the Mathematics Club in association with BS&HU department of SurTech has organized a webinar on "The Legacy of Srinivasa Ramanujan" on 22nd December, 2020 at 2:30 PM using Zoom platform. The focus of this webinar was to develop and inculcate the interest in Mathematics among the students.

Mr. Anjan Debnath, Research Scholar of Ramanujan Institute of Advanced study in Mathematics, Chennai, was the keynote speaker of the session. In the talk he enlightened the participants about the life story of Ramanujan (A prodigy of Mathematics) and about his research work starting from his childhood days.

Total 85 participants attended the webinar. The students, faculties and staff members have actively participated and it was an interactive session throughout. At the end Dr. Rakesh Kumar Singh and Dr. Chaity Chatterjee gave their vote of thanks to the speaker for giving such a valuable and knowledgeable speech on Ramanujan and elaborately discussing it with the participants.

Few pictures of the session are shared below.

Observance of a Webinar on Application of Algebra in real life





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No. of Participants: 100

Venue: Online Platform

Date: 08.02.2021

Time: 6.30P.M

Objective of the Event-

To develop problem solving skills using Algebra in daily life

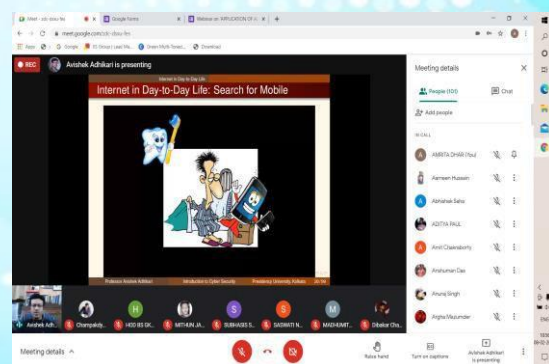
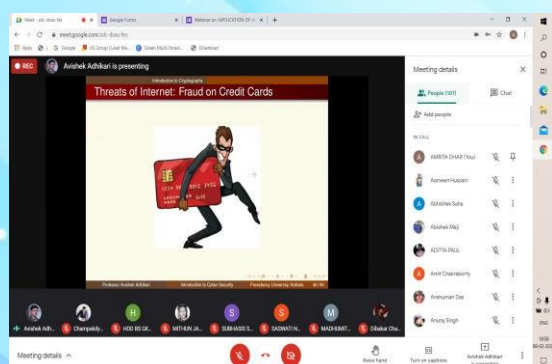
The Mathematics Club of SurTech has successfully organized a webinar entitled 'Application of Algebra in real life' on 8th February, 2021 from 6.30 pm onwards.

The resource person was Prof. Avishek Adhikari from The Presidency University, Department of Mathematics.

Referring to the application of Algebra in real life Prof. Adhikari has briefly described how algebra is applied in cybersecurity, Information Technology, National Defense System and in various important fields in our daily life.

Total 100 participants attended the program and actively participated in the question-answer session. The session came to an end by the vote of thanks by the members of the organizing committee.

Some pictures are attached herewith for your reference.





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Coding Club



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REPORT ON CODING CLUB 2020-2021

DATE: 15/03/2021

PLACE: Hacker Earth (Online mode)

PARTICIPANTS: College students who had registered for the contest

ORGANIZER:

CODING CLUB OF CSE, DSCSITSC (BINARY CODERS) FACULTY MEMBERS –

- Mallika De (Faculty, CSE)
- Rinku Supakar (Faculty, CSE)
- Madhusmita Mishra (Faculty, CSE)
- Anjan Kr Payra (Faculty, CSE)

STUDENT MEMBERS –

- *Club Lead: Arko Dutta (CSE 4th year)*
Rahul Saha (CSE 4th year)
- *Communications Lead: Md. Shafi Hussain*
(CSE 3rd Year) Prerona Malakar (CSE 3rd Year)
- *Design Lead: Prince Kumar Sharma (CSE 2nd year)*

The Department of CSE has organized a online coding contest on 15th March 2021 in virtual platform google meet in order to promote coding skill and attitude of the students.

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

Platform supporter: Hacker Earth

Total Participation: 45

Top performers:

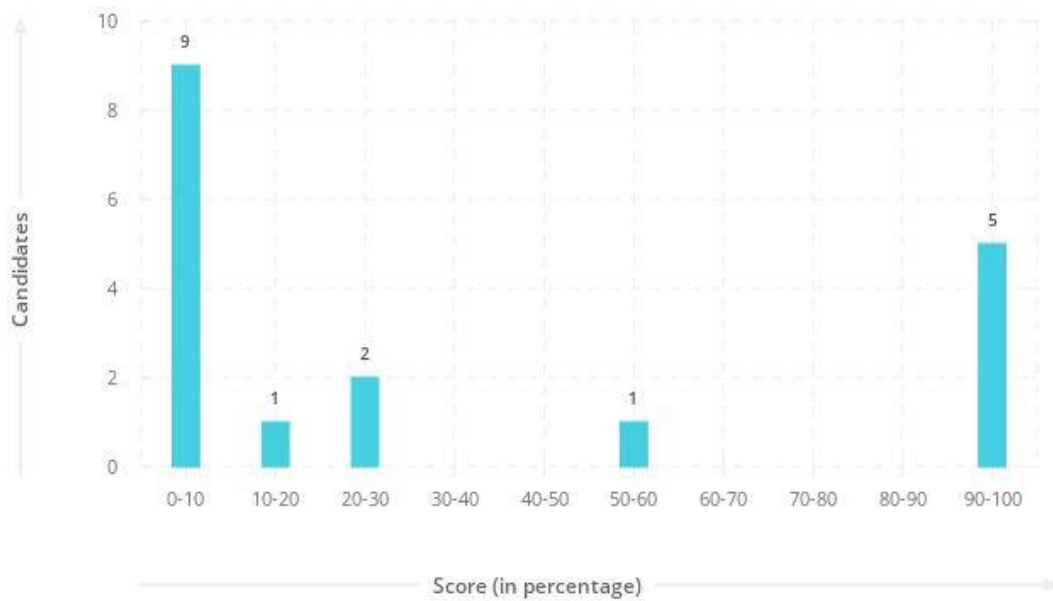
- **1st - Kaushik Didwania - 83/120 mins. (CSE 3rd Year)**
- **2nd - Banti Mondal - 107/120 mins. (CSE 1st Year)**
- **3rd - Kunal Das - 119/120 mins. (CSE 4th Year)**



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Distribution of Candidates based on Score

This graph displays the distribution of scores achieved by all the candidates who have attempted the test.



No. of candidates who scored greater than or equal to the cut off score (0%):

No. of candidates who scored greater than or equal to the median score (5%): **9** ⓘ



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Art and Craft Designing Club



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"Quarantine Crafts"- An online Competition by Art & Craft Club

Event Date: October 1, 2020

Winner Name: Mrityuniay Gupta . (1st Year CE)

The Art & Craft Club of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex successfully organized the "Quarantine Crafts" online competition on October 1, 2020, providing a creative outlet for students during the unprecedented times of the COVID-19 pandemic.

Objectives:

Promote Creativity in Isolation: Offer students an avenue to channel their creativity and artistic expressions during the lockdown period.

Foster a Sense of Community: Create a virtual space where students could connect, share, and appreciate each other's craftwork despite physical distancing measures.

Celebrate Diverse Artistic Talents: Showcase the diverse range of artistic talents within the COLLEGE community by encouraging participation from various disciplines.

Event Highlights:

Robust Participation: The competition witnessed enthusiastic participation from students across multiple disciplines, showcasing a rich diversity of artistic talents.

Creative Interpretations of Theme: Participants displayed remarkable creativity in interpreting the theme "Lockdown Inspirations," incorporating a variety of elements that reflected their unique perspectives and experiences during the lockdown.

Virtual Showcase: The event successfully transitioned into a virtual format, allowing participants to showcase their creations through digital submissions. This not only facilitated widespread participation but also provided a platform for the broader audience to appreciate the craftwork.

Judging Panel: An experienced judging panel, consisting of faculty members and seasoned artists, evaluated entries based on creativity, craftsmanship, adherence to the theme, and overall presentation.

Community Engagement: The competition encouraged community engagement as participants and spectators actively interacted through virtual platforms, fostering a sense of togetherness during times of physical isolation.

Outcome:

Artistic Brilliance: The event highlighted the artistic brilliance of the participants, showcasing a diverse array of crafts including drawings, paintings, origami, paper quilling, knitting, and more.

Community Connection: "Quarantine Crafts" successfully connected students from various disciplines, breaking down academic silos and reinforcing a sense of community through shared creativity.

Skill Development: Participants reported acquiring new crafting skills and techniques, demonstrating the event's positive impact on skill development and artistic exploration.



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Positive Feedback: The competition received positive feedback from participants, spectators, and the judging panel, underscoring its success in providing a meaningful and enjoyable experience during challenging times.

Inspiration for Future Events: The success of "Quarantine Crafts" has inspired the Art & Craft Club to continue exploring innovative ways to engage students in future events, fostering creativity and community spirit.

Acknowledgments: The Art & Craft Club expresses sincere gratitude to all participants, judges, and spectators who contributed to the success of "Quarantine Crafts." The event exemplified the resilience, creativity, and community spirit that characterize the COLLEGE community.





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Stay-at-Home Sculptures: Remote Sculpting Contest by Art & Craft Club

Event Date: May 10, 2021

Winner Name :Surya Ghosh (ECE, 1st Year)

The Art & Craft Club of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex organized a captivating online event, the "Stay-at-Home Sculptures: Remote Sculpting Contest," on May 10, 2021. The contest aimed to inspire artistic expression while adhering to safety measures during the ongoing pandemic.

Objectives:

Encourage Artistic Exploration: Provide a platform for students to explore sculpting as an art form from the safety of their homes.

Promote Community Engagement: Foster a sense of community and shared creativity among participants despite physical distancing.

Showcase Diverse Talents: Celebrate the diverse artistic talents of students within the college community.

Event Highlights:

Robust Participation:The contest garnered enthusiastic participation with a total of 43 students contributing their unique sculpting creations from various locations.

Diverse Sculpting Mediums: Participants exhibited creativity by using various sculpting mediums, including clay, papermaker, found objects, and even digital platforms, showcasing the adaptability and innovation within the Art & Craft Club.

Virtual Exhibition: The event successfully transitioned into a virtual exhibition, allowing participants to showcase their sculptures through digital submissions. This format facilitated widespread participation and engagement from the broader audience.

Judging Panel: An esteemed panel of judges, comprising experienced artists and faculty members, evaluated the sculptures based on creativity, craftsmanship, concept, and adherence to the theme.

Community Interaction: The online platform encouraged community interaction as participants and spectators engaged in discussions, shared insights into their creative processes, and provided feedback on the sculptures.

Outcome:

Artistic Brilliance:The contest highlighted the artistic brilliance of the participants, showcasing a diverse array of sculptures that ranged from traditional forms to avant-garde creations.

Community Connection: "Stay-at-Home Sculptures" successfully connected students from various disciplines, reinforcing the sense of community and shared passion for the arts.

Innovation in Sculpting: Participants demonstrated innovation in sculpting by experimenting with unconventional materials and techniques, contributing to the evolution of sculpting as an art form.



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Positive Feedback: The contest received positive feedback from participants, spectators, and the judging panel, emphasizing its success in providing a platform for artistic expression and community building.

Inspiration for Future Events: The success of the "Stay-at-Home Sculptures" contest has inspired the Art & Craft Club to consider similar virtual events in the future, recognizing the potential for creative engagement even in a remote setting.

Acknowledgment: The Art & Craft Club expresses sincere gratitude to all participants, judges, and spectators who contributed to the success of the "Stay-at-Home Sculptures: Remote Sculpting Contest." The event showcased the resilience, creativity, and collaborative spirit that define the artistic community at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex.





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Photography Club



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Title: A Festival Through Focus: Online Photography Competition Captures Durga Puja's Essence

Date: 15th October, 2021

Time: 3.30p.m onwards

Venue: College Campus

Objective: To celebrate the festive spirit and share the joy captured through lenses amidst the ongoing crisis.

The virtual Photography Competition organized by Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex photography competition, themed around Durga Puja, was a vibrant showcase of student creativity and cultural engagement. Held over the week, the event invited participants to explore and capture the festival's rich traditions and festive atmosphere. Students presented a diverse range of photographs, from close-up shots of intricate idol details to wide-angle views of bustling processions and intimate moments of prayer.

Outcome of the Event: The competition not only highlighted the artistic talents of the students but also deepened the college community's appreciation for Durga Puja's cultural heritage.

Glimpse of the event:





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Cultural Club (Dance, Music and Singing)



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Foundation Day

Objective: The aim of this program is to get an opportunity for an organization to come together and celebrate the proud history with the community, employees and supporters.

Date: 10th August 2020

Time: 02:00 PM

Venue: Google Meet (virtual mode)

Report: The Cultural Committee at DSCSITS organized a program to celebrate the 11th Foundation Day on 10th August 2020. The event began with lamp lighting and featured cultural events such as singing, dance, recitation, and instrumental performances by students. The program concluded with a cake cutting ceremony. The event was held in virtual mode, allowing all students and staff to participate and enjoy the festivities.

Here are some glimpses for your reference.



Foundation Day- celebrating through Online with Teachers and students
on 10th August 2020



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Teachers' Day

Objective: To celebrate teacher's Day.

Date: 05th September,

2020 Time: 2:30 PM

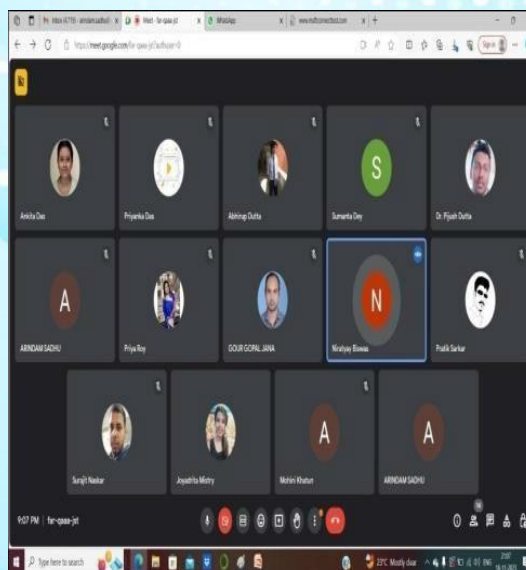
Venue: Google Meet

Report: Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex commemorated Teacher's Day 2020 like every year. Dr. Om Prakash Sharma, the Principal, inaugurated the event. The aim of

the program was to encourage the Teacher respect with a positive hope. Teacher's Day is celebrated to acknowledge the challenges, hardships, and the special role that teachers play in our lives. National

Teacher's Day is one such event for which students and teachers equally look forward to. Students of all departments organize National Teacher's day and facilitate faculty members and conduct few events.

Few photographs of the event are attached herewith.



Teachers' Day celebrating -on Google Meet platform on 05th September, 2020



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Quiz and Debate Club



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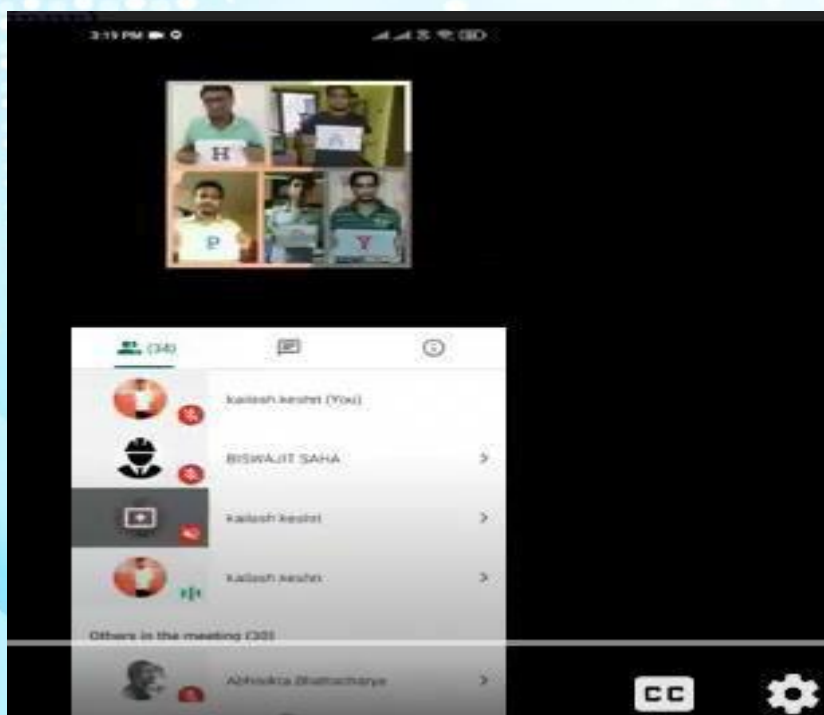
Topic: Debate on Social and Cultural Issues

AY: 2020-2021

Date: August 3, 2020

Time: 10:00 AM - 4:00 PM

Topic: "Is Social Media a Positive Influence on Society?"



Glimpse of the event

Program Schedule:

- **10:00 AM - 10:30 AM:** Registration and Welcome
- **10:30 AM - 11:00 AM:** Introductory Speech by Dr. Priya Verma, Professor of Sociology
 Dr. Verma discussed the dual role of social media as a platform for social interaction and a tool for spreading misinformation and fostering division.
- **11:00 AM - 1:00 PM:** Debate Session 1 (Round 1)
 Teams debated the positive and negative impacts of social media on mental health, community building, and democracy.
- **1:00 PM - 2:00 PM:** Lunch Break



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- **2:00 PM - 4:00 PM:** Debate Session 2 (Round 2)
The second round explored the role of social media in activism, free speech, and privacy concerns.
- **4:00 PM - 4:30 PM:** Conclusion and Judging
Judges highlighted the participants' ability to address complex social issues and provide diverse perspectives.

Outcome:

Team "Digital Optimists" won the debate, arguing that social media can be a powerful tool for positive change if used responsibly. The opposing team "Skeptical Surfers" was praised for their cautionary stance on the potential dangers of unchecked social media influence.



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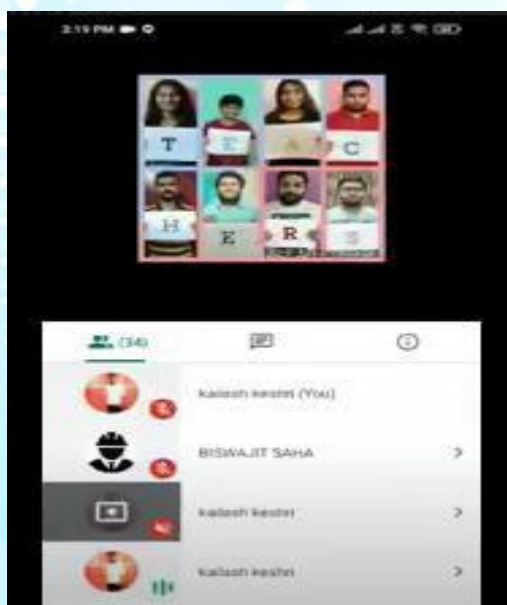
Topic: Debate on Education and Policy

AY: 2020-2021

Date: August 4, 2020

Time: 10:00 AM - 4:00 PM

Topic: "Should Education Be Privatized?"



Glimpse of the event

Program Schedule:

- **10:00 AM - 10:30 AM:** Registration and Welcome
- **10:30 AM - 11:00 AM:** Introductory Speech by Dr. Arun Malhotra, Dean of the Education Department
 Dr. Malhotra spoke about the current challenges in the education sector and the debate surrounding privatization versus public education.
- **11:00 AM - 1:00 PM:** Debate Session 1 (Round 1)
 Teams debated the pros and cons of privatizing education, including issues of accessibility, quality, and equity.
- **1:00 PM - 2:00 PM:** Lunch Break
- **2:00 PM - 4:00 PM:** Debate Session 2 (Round 2)
 The second round addressed the impact of privatization on educational standards and the role of government in ensuring equitable education.



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- **4:00 PM - 4:30 PM:** Conclusion and Judging
Judges praised the participants for their in-depth analysis and well-structured arguments.

Outcome:

Team "Education Equity" emerged victorious with their argument against privatization, emphasizing the importance of accessible, quality public education. Team "Privatization Proponents" was recognized for their innovative ideas on improving education through private investment.



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Documentary and Drama Club



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Quiz Session on Satyajit Ray's Birth Anniversary

No. of Participants: 50

Venue: Online Platform

Date: 02.05.2020

Time: 3.00P.M

Objective of the Event- To celebrate cultural and artistic milestones and to motivate students for cultural endeavors.

The Quiz Session on Satyajit Ray's Birth Anniversary, organized by the Documentary and Drama Club of SurTech, was held on 02.05.2020. It was held online. The event was a resounding success, with enthusiastic participation from students and the active presence of our esteemed Principal and other faculty members. The Quiz Master of this event was Mr. Prathita Roy, Faculty of EE Department and the honorable judge was Mr. Arindam Mukherjee, TIC of AUE Department and a passionate theatre actor.

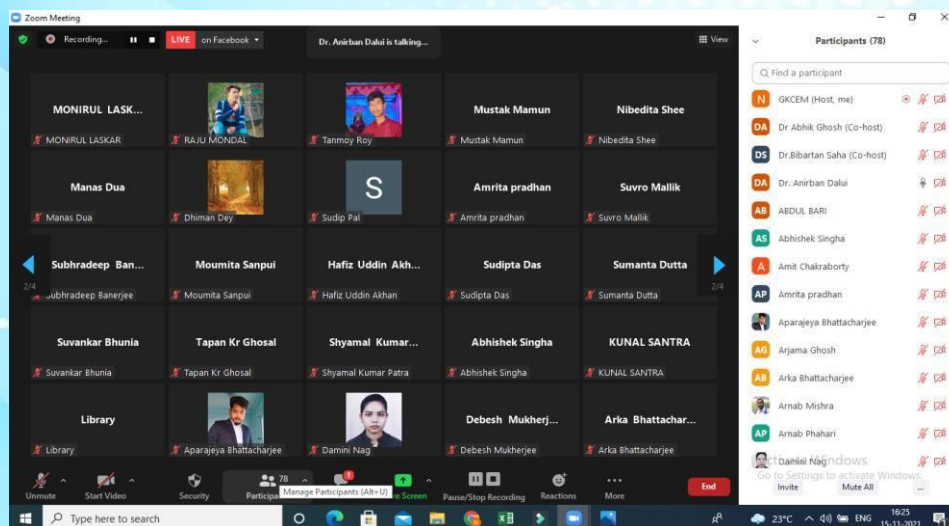
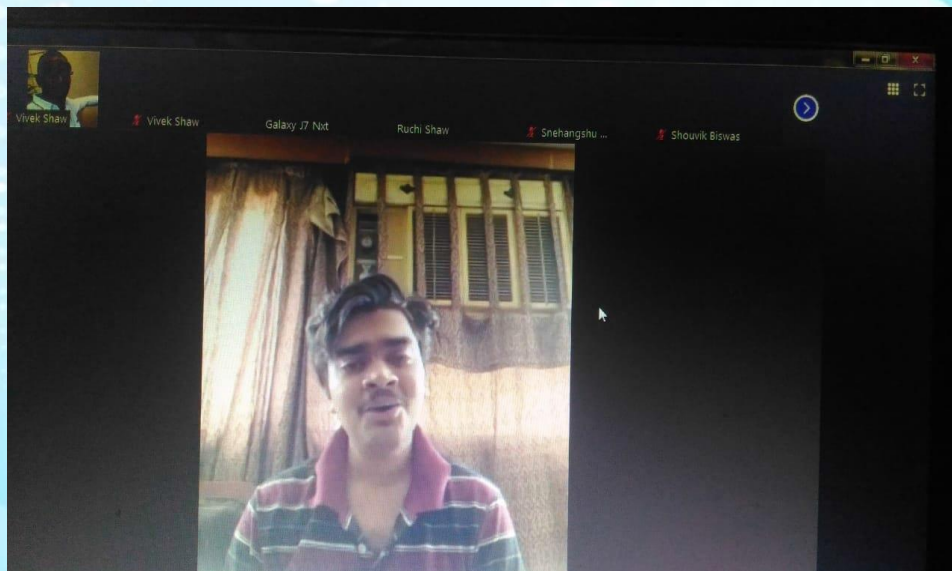
The event commenced with a captivating medley chorus performance, featuring songs from Satyajit Ray's iconic films. This melodious start set the tone for an evening dedicated to celebrating Ray's cinematic brilliance. A heartfelt homage was paid to Satyajit Ray, acknowledging his immense contribution to the world of cinema. His enduring legacy was remembered and honored by all present. The highlight of the event was the quiz competition. Teams of students, irrespective of their departments, participated actively, showcasing their knowledge about Satyajit Ray's life, work, and cinematic achievement. The winning team, having demonstrated exceptional knowledge and teamwork, was awarded a special prize as recognition for their outstanding performance.

The Quiz Session on Satyajit Ray's Birth Anniversary was a meaningful and memorable event that not only entertained but also educated the audience about the cinematic genius of Satyajit Ray.



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Glimpse of the event:





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Documentary Screening and Discussion - "Pandemic: How to Prevent an Outbreak"

No. of Participants: 10

Venue: Online Platform

Date: 24.02.2021

Time: 3.00P.M

Objective of the Event- To educate and engage students and faculty members in a meaningful discussion about pandemic prevention.

The Documentary and Drama Club of our institute successfully hosted a documentary screening event titled "Pandemic: How to Prevent an Outbreak" on 24.02.2021. It was held online.

The event commenced as scheduled, with a substantial number of participants joining through the provided meeting link. The attendees included students from various departments and esteemed faculty members. The screening of the documentary was followed by an insightful discussion session. The faculty members of the club, who are experts in their respective fields, played a pivotal role in explaining the content of the documentary. Their explanations were clear and concise, making it easier for everyone to understand the intricacies of pandemic prevention strategies.

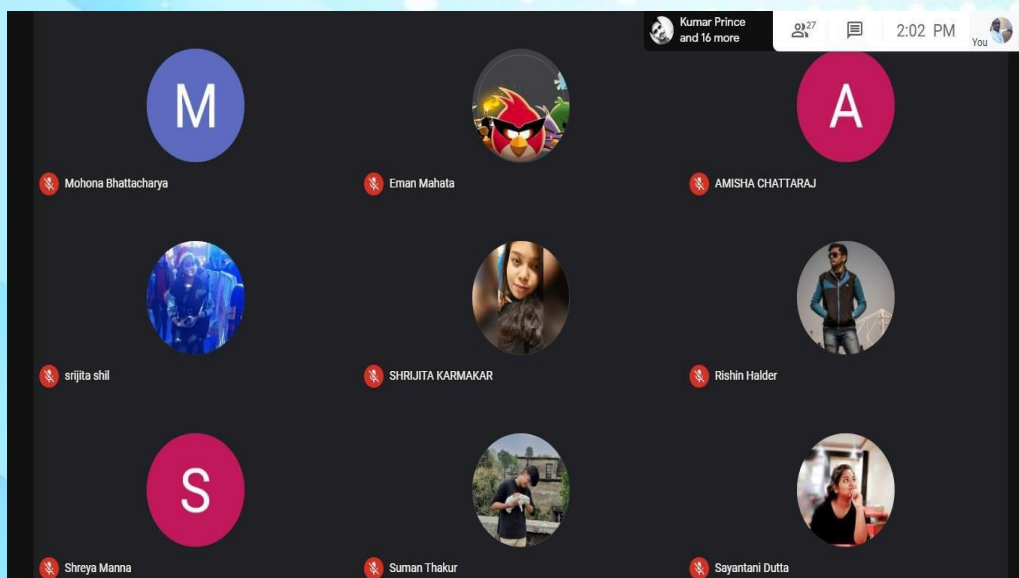
The discussion session was multifaceted, covering various aspects of pandemics. Faculty members teaching Chemistry and Biology delved into the topic of virus mutation, shedding light on how viruses adapt and change over time. Their expertise in these areas provided valuable insights into the challenges faced during a pandemic. Furthermore, other faculty members shared crucial dos and don'ts during a pandemic, emphasizing the importance of personal hygiene, vaccination, and adherence to health guidelines.

The event concluded on a high note, with participants expressing their appreciation for the insightful content and engaging discussion. The Documentary and Drama Club's screening and discussion of "Pandemic: How to Prevent an Outbreak" was a significant step in fostering knowledge and awareness regarding pandemic prevention. We look forward to organizing more such events in the future to continue our mission of promoting education and dialogue within our institute.



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Glimpse of the event





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Biosystems and Environmental Club



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Tree Plantation Drive

Date: August 10, 2020

Location: College Campus

Introduction

Tree plantation drives are crucial for enhancing green spaces and promoting environmental sustainability. The "Tree Plantation Drive" at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex aimed to increase campus greenery and involve the college community in environmental conservation.

Event Objectives

The main objectives were:

1. **Increase Green Cover:** Plant a significant number of trees to improve campus aesthetics and contribute to environmental health.
2. **Educate Participants:** Provide knowledge on tree care and the benefits of afforestation.
3. **Foster Community Involvement:** Engage students, faculty, and staff in a collective environmental action.
4. **Promote Sustainability:** Encourage ongoing commitment to tree planting and environmental stewardship.

Event Outcome

The drive resulted in:

1. **Enhanced Campus Greenery:**
 - **Tree Planting:** Over 200 saplings were planted, including species like Banyan, Peepal, and Neem. These trees are expected to improve air quality and provide shade.
 - **Tree Adoption:** A "Tree Adoption" program was launched, allowing participants to take responsibility for specific trees, ensuring their care and growth.
2. **Educational Impact:**
 - **Workshops:** Participants learned about soil preparation, watering techniques, and pest control, which will aid in the long-term maintenance of the trees.
 - **Knowledge Sharing:** Informational pamphlets on tree care were distributed.
3. **Community Engagement:**
 - **Volunteering:** Over 150 students, faculty, and staff participated, demonstrating a strong collective commitment to environmental action.
 - **Media Coverage:** Local media reported on the drive, enhancing community awareness and involvement.
4. **Sustainable Practices:**
 - **Ongoing Care:** The tree adoption program ensures that the newly planted trees receive ongoing attention and care, contributing to their survival and growth.

Event Participants

The event included:

1. **Students and Staff:** Actively participated in planting and tree care.



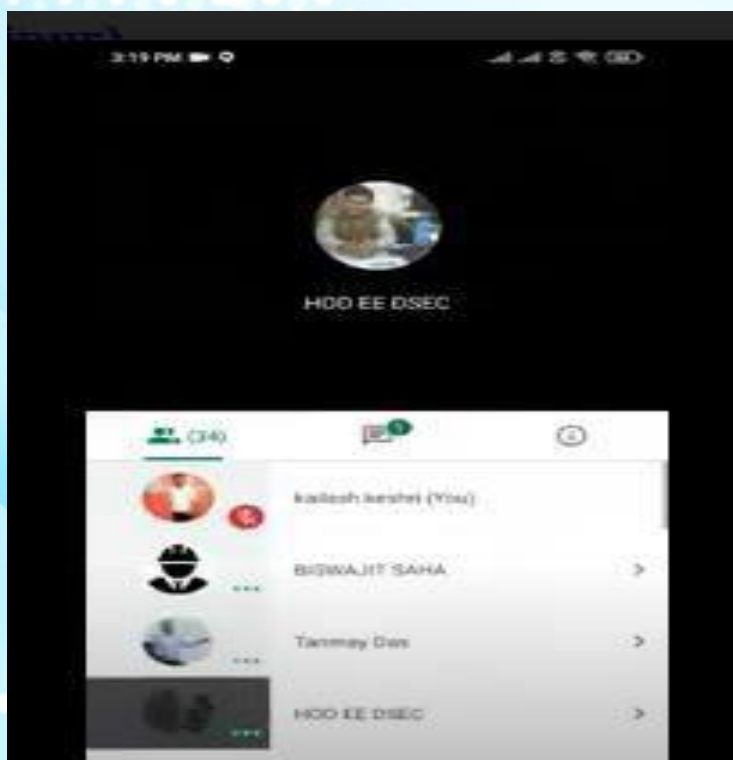
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2. **Forestry Expert:** Conducted workshops on tree care.
3. **Local Media:** Covered the event, highlighting its impact and community involvement.

Conclusion

The Tree Plantation Drive effectively increased campus greenery and engaged the community in environmental action. The event highlighted the importance of collective efforts in promoting sustainability and maintaining green spaces.

Glimpse of the event





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Biodiversity Awareness Campaign

Date: September 15, 2021

Mode: Online Platform

Introduction

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

Event Objectives

The campaign aimed to:

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

Event Outcome

The campaign resulted in:

1. **Increased Awareness:**
 - **Expert Talks:** Dr. A. Desai and Dr. R. Mehta provided valuable insights into biodiversity threats and conservation strategies.
 - **Documentary Screening:** The screening of "The Vanishing World" highlighted the plight of endangered species and their habitats, leading to a deeper understanding among viewers.
2. **Public Engagement:**
 - **Interactive Exhibits:** Exhibits on different ecosystems and endangered species attracted significant interest. Interactive activities, such as the "Biodiversity Quiz," further engaged attendees.
 - **Community Participation:** Panel discussions with environmental advocates emphasized practical conservation actions that participants could adopt.
3. **Actionable Insights:**
 - **Policy Recommendations:** Discussions led to the development of policy recommendations aimed at enhancing biodiversity protection at local and national levels.
 - **Practical Tips:** Attendees received practical tips on creating biodiversity-friendly habitats at home.
4. **Community Involvement:**
 - **Diverse Participation:** The event involved students, researchers, activists, and the general public, fostering a broad exchange of ideas and collaborative solutions.



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Event Participants

Participants included:

1. **Experts and Researchers:** Shared knowledge on biodiversity and conservation.
2. **Students and Faculty:** Actively participated in discussions and activities.
3. **Public and Activists:** Engaged in interactive sessions and advocacy.

Conclusion

The Biodiversity Awareness Campaign successfully raised awareness about biodiversity issues and promoted conservation efforts. The event highlighted the importance of public engagement and interdisciplinary collaboration in addressing ecological challenges.

Glimpse of the event





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(Community Connect) NSS Club



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Cloth Distribution Camp

Date- 11th September 2020

Time: 11.00 AM

Venue: Chhatakol Slum Area, 540 Dum Dum Road, Surer math, (Near Dum Dum Jn. Station), Kolkata-700074 West Bengal

No of Participants: 34

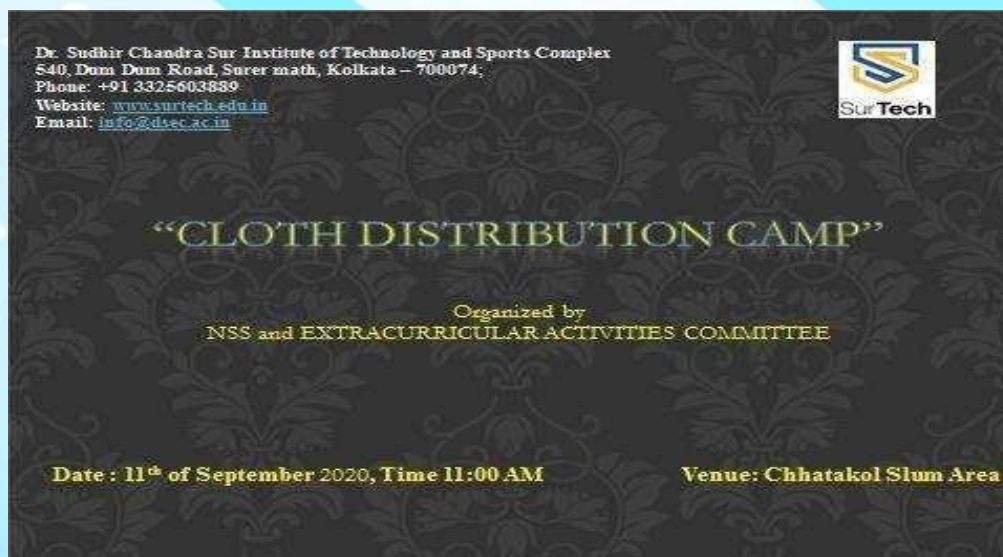
Objective: The purpose of this activity was to provide people with clothes for fulfilling their needs of survival.

The NSS and Extra Curricular Committee of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex in collaboration with NSS and Extracurricular Activities Committee arranged a “Cloth Distribution Camp” under the Social Awareness Scheme in nearby Chhatakol Slum Area on 11th September, 2020. The camp was arranged to help the needy people by providing them with some clothes with which they can survive at least with some comfort surviving the heat, rain and cold. The NSS team reached the nearby Chhatakol slum area where they distributed clothes to children and adults, both male and female. Senior citizens were also provided with clothes as per their requirements. The NSS team has also distributed blankets to those poor people. Near about 50 blankets were distributed and children were also given with some chocolates as a token of love for them. The smile on their faces on receiving the clothes clearly reflected that this activity had helped them to find a little bit of happiness amidst the struggle for survival these people go through for earning their daily breads. The NSS team has promised these poor families to stand by their side at the time of their any needs to help them fight against their poverty. The distribution of the clothes has been appreciated by the people of that slum which will help them to survive the different seasons with a little bit of comfort.

Name of the Event	Coordinator	No. of Participants
<i>Cloth Distribution Camp</i>	Prof. Debasmita Manna	34



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Banner of Cloth Distribution Camp on 11.09.2020



Photos of Cloth Distribution Camp on 11.09.2020



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Health Check-up Vaccination Camp

Date- 19th May 2021

Time: 11.00 AM

Venue: 3rd floor (Room No. 418), Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

No of Participants: 123

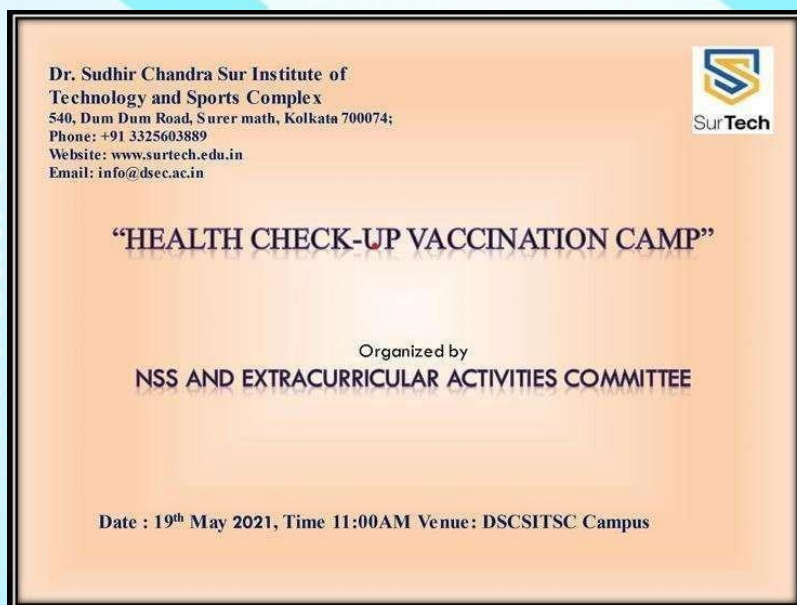
Objective: The purpose of this activity was to help people in accessing free medical health check-up facilities from the institute

The NSS and Extra- Curricular Committee of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex along with all staff members and students had organized a “Health Check- Up Vaccination Camp on 19th May, 2021. The camp catered to a diverse group of participants, offering essential vaccinations such as influenza, hepatitis, and COVID-19 boosters, alongside routine check-ups for blood pressure, glucose levels, and general health assessments. The event was well-organized, with clear communication and efficient management ensuring minimal wait times and a smooth experience for attendees. Many participants expressed their gratitude for the opportunity to receive these vital health services free of charge. The camp not only promoted individual health but also strengthened community engagement and awareness about preventive care.

Name of event	Coordinator	Number of participants
Health Check-Up Vaccination Camp	Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex	123



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Banner of Health Check-up Vaccination Camp on 19.05.2021



Some Photos of Health Check-up Vaccination Camp on 19.05.2021



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Literary Club

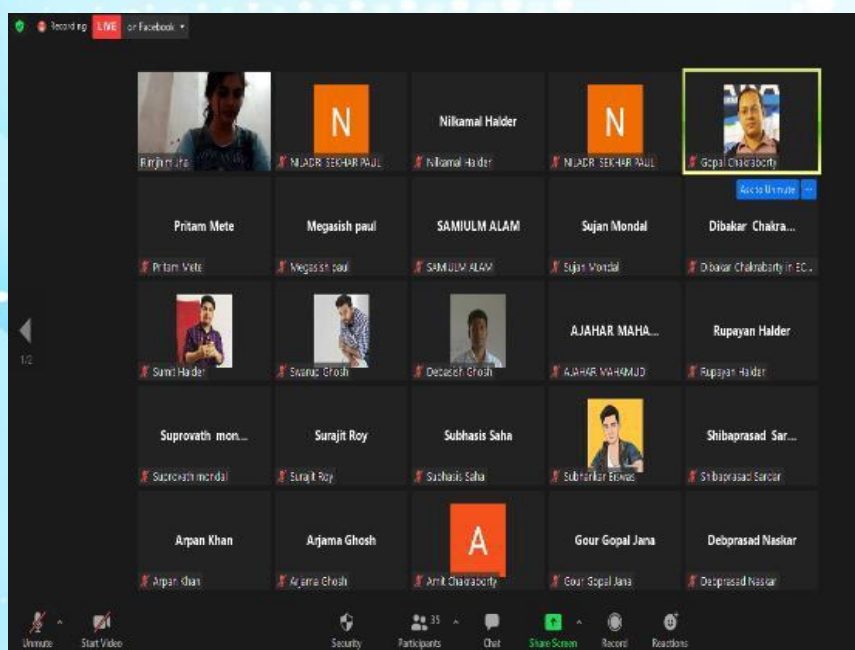


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Events organized by the club:

Online Drawing Competition (2020)

The Literary Club of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex has organized an Online Drawing Competition on 4th August, 2020. The Online Drawing Competition held on [insert date] provided a virtual platform for artists of all ages to showcase their drawing skills. Hosted on [insert platform], the event aimed to encourage creativity, offer a space for artistic expression, and connect artists from different regions. This report outlines the competition's format, highlights, and overall outcomes. The successfully provided a virtual space for artists to express their creativity and connect with others. The event was well-received, with high levels of participation and positive feedback from attendees.



Online Drawing Competition on 04.08.2020



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Online Speech Competition (2021)

The Literary Club of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex has conducted an online “Speech Competition” on 22nd April 2021, with the students of all departments. The competition was segmented into 3 levels. In the first level, the participants were allowed to speak on a topic of their choice. Based on their speaking skills, subject knowledge, and confidence level the number of participants were selected to qualify for the second level. Several participants have spoken with relevance to their chosen topics. There was no bar in choice of languages for speaking. In the second level, the participants were given topics for speaking within 2 minutes of time. The participants who qualified the second level were promoted to the third level where the speakers must take up random speaking on topics without being allowed any time to think. The topics for 2nd and 3rd levels of the competition were decided by the jury members who judged the merits of the candidates while speaking. Students who participated in the competition have spoken extremely well. The speakers with impressive oratory skills qualified for the higher levels of the competition.



Online Speech Competition on 22.04.2021

Summary

The events organized by the club in this year has helped in involving students into activities that focus on enhancing creative skills, covering everything from genre-specific techniques to adaptivity skills for the application of online platforms to articulate ideas and reveals their talents in any form.



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Yoga and Meditation Club

Title: Event report of Webinar on World Health Day

Date: April 17, 2021

Platform: Online

Speaker: Dr. Ranadhi Das, MBBS, MD, PGCCDM, Diabetologist and General Medicine.

Introduction

The Yoga and Meditation Club of Dr. Sudhir Ch. Sur Institute of Technology and Sports Complex celebrated World Health Day on 17th April, 2021 by arranging a webinar on health awareness. The theme of the webinar was “Our Health our Wealth”. The key speaker of the program was Dr. Ranadhi Das, MBBS, MD, PGCCDM, Diabetologist and General Medicine.

Event Objectives

The objective of the program was to spread awareness among the students regarding maintenance of sanitation, and keeping oneself clean. The speaker stressed on the line, “The prevention of a disease altogether is better than the cure.”

Event Overview

Before the event began, distinguished speaker Dr. Ranadhi Das provided a quick overview of health awareness and its significance. Excellent health has many benefits, which highlights how important it is in today's busy and demanding society. The distinguished speaker discussed diabetes origins and treatments. More than 50 students participated in the program. Upon the conclusion of the class, attendees were afforded the chance to pose inquiries and obtain personalized counsel.

Event Outcomes

- The knowledge of health concerns, risk factors, and preventive strategies improves for participants. People are more equipped to make health-related decisions as a result of this increased health literacy.
- Workshops offer comprehensive knowledge about particular ailments, such as heart disease, diabetes, or mental health problems, including causes, symptoms, and methods of treatment.
- Better self-care habits could be adopted by participants, such as regular exercise, relaxation methods, and prophylactic health measures like immunizations and screenings.



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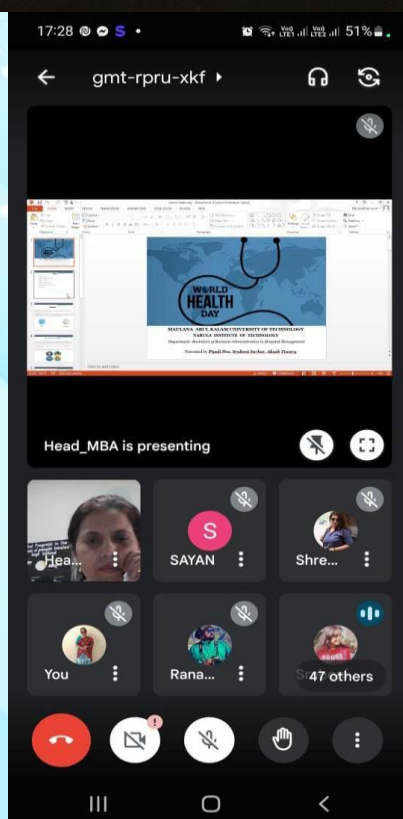


Figure: Glimpse of Webinar on Diabetes



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Sports Club



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Title: Chess Tournament

Date: 13/08/2020 to 14/08/2020

Time: 03:30pm onwards

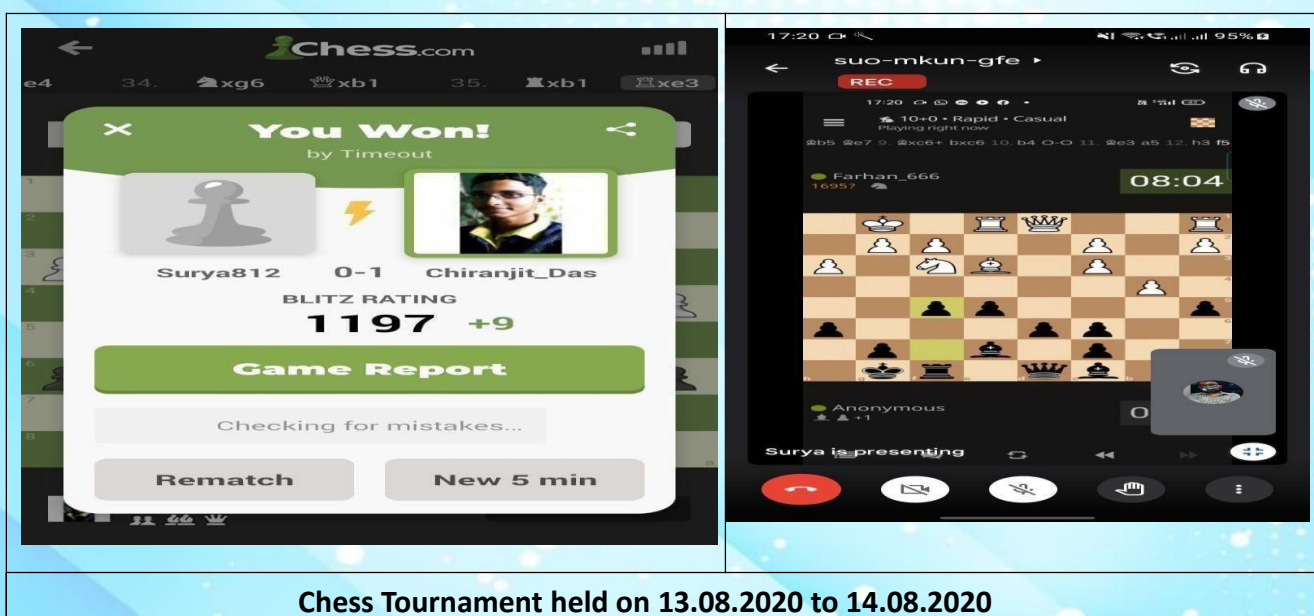
Mode: Online

No of Participants: 64

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

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex has organized a Chess Tournament from 13/08/2020 to 14/08/2020 via online mode. Hon'ble Principal Sir was inaugurated the tournament. At the end of the Chess Tournament, the winner and the runners up were appreciated. Over the entire event ended up with a great happy and successful cherishing moments.

Outcome of the Event: Decoding and analysis, thinking strategically and foreseeing the consequences were the key highlights of the tournament.



Chess Tournament held on 13.08.2020 to 14.08.2020



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Title: Badminton Tournament

Date:

Time: 3:00pm onwards

Venue: College Ground

No of Participants: 48

Objective: To improve Mental Wellbeing, Mobility, Flexibility

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex has organized a Badminton Tournament from 03/03/2021 to 05/03/2021. During the inaugural session Principal Sir delivered a motivational speech to encourage the participants. The tournament was full of uncountable smashes, top- notch defense, depth touches, individual brilliance and incredible teamwork. The winner and the runners up were awarded by Principal Sir. The student's enthusiasm and spirit were remarkable.

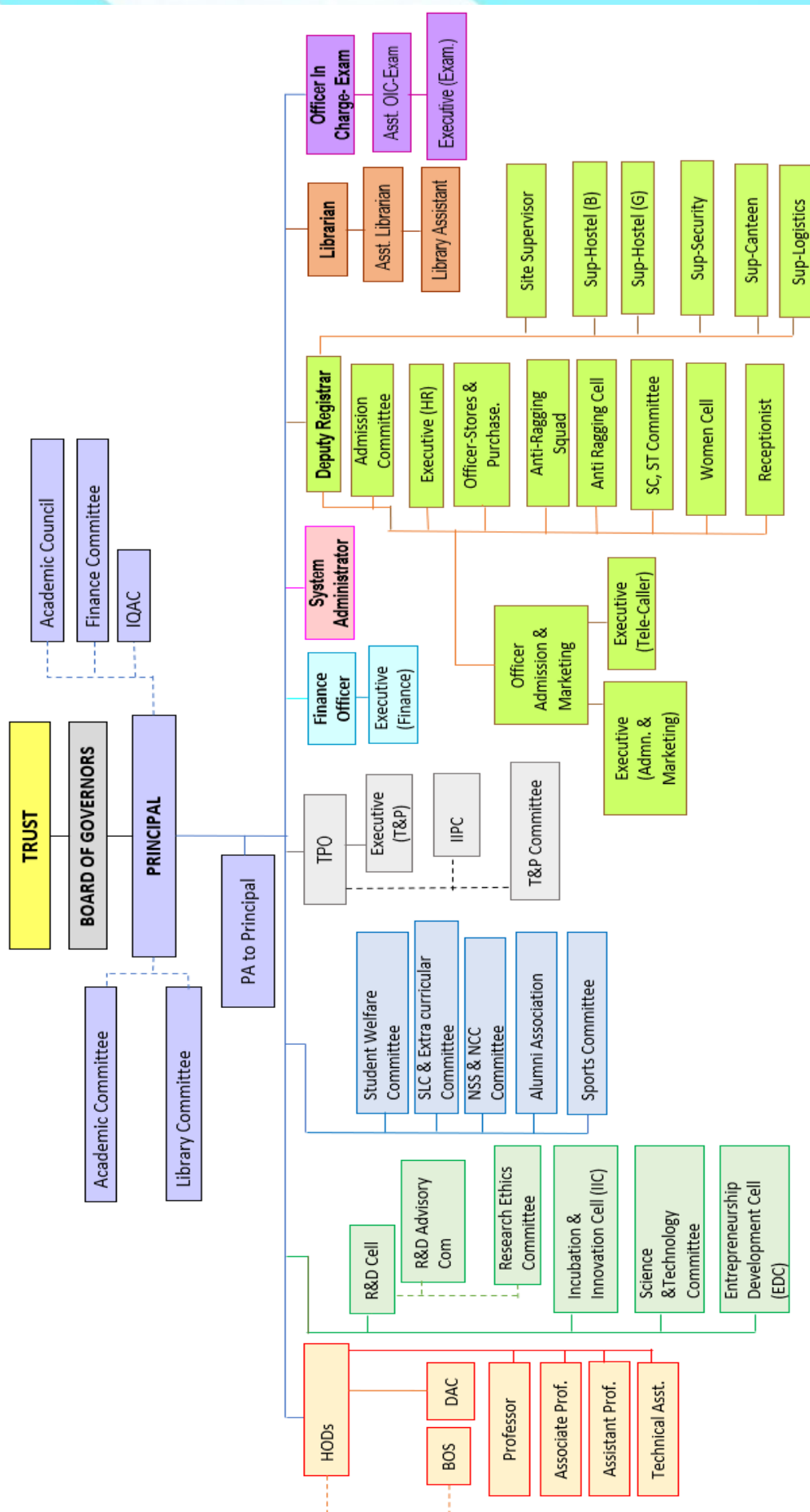
Outcome of the Event: Improving Strategic thinking, flexibility, mental resilience were the main highlights of this tournament.

Few glimpses of the tournament



Badminton Tournament held from 03.03.2021 to 05.03.2021

Institutional Organogram



Administrative Heads



Prof. (Dr.) Om Prakash Sharma
Principal
Dr. Sudhir Chandra Sur Institute of
Technology and Sports Complex



Ms. Dazy Rani
Assistant Registrar
Dr. Sudhir Chandra Sur Institute of
Technology and Sports Complex



Mr. Vivek Shaw
Controller of examination
Dr. Sudhir Chandra Sur Institute of
Technology and Sports Complex

Departmental Heads

Serial No.	Name	Designation	Name of the Department
1	Dr. Abhigyan Ganguly	Associate Professor	ECE
2	Dr. Dipankar Das	Professor	BSH
3	Dr. Mallika De	Professor	CSE
4	Dr. Sayantan Chakraborty	Associate Professor	EE
5	Dr. Prasun Dutta	Associate 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)	180	180
B.Tech. Electronics & Communication Engineering	ECE(003)	60	54
B.Tech. Electrical Engineering	EE(016)	60	48
B.Tech. Civil Engineering	CE(013)	60	45
B.Tech. Mechanical Engineering	ME(007)	30	24
B.Tech. Automobile Engineering	AUE(032)	60	45
B.Tech. Robotics Engineering	Robotics(320)	30	6
B.Tech. Computer Science and Engineering (Lateral Entry)	CSE (Lateral Entry) 001	6	6
B.Tech. Electronics & Communication Engineering (Lateral Entry)	ECE (Lateral Entry) 003	12	5
B.Tech. Electrical Engineering (Lateral Entry)	EE (Lateral Entry) 016	6	3
B.Tech. Civil Engineering (Lateral Entry)	CE (Lateral Entry) 013	6	12
B.Tech. Mechanical Engineering (Lateral Entry)	ME (Lateral Entry) 007	12	2
B.Tech. Automobile Engineering (Lateral Entry)	AUE (Lateral Entry) 032	6	2
M.Tech. Mechanical Engineering	M.Tech. ME(124)	18	12
M.Tech. Communication Engineering	M.Tech. ECE(705)	9	5

Scholarship

SCHOLARSHIP SCHEME 2020-21 (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 2020 -21) 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
JISCE NIT GNIT AEC
GKCEM (JV)
- Students having qualified scores in GATE are eligible for availing **PG Scholarship** provides by the AICTE.

Alumni Scholarship for B.Tech. Lateral Entry Students

- Scholarship of Rs.60,000/- @ Rs.10,000/- per semester (on Tuition fee is Rs.2,52,000, total course fee is 2,92,650 for 2020-21) is applicable only to the students who have completed their three year Diploma course from any of the following institutions: JISSP

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

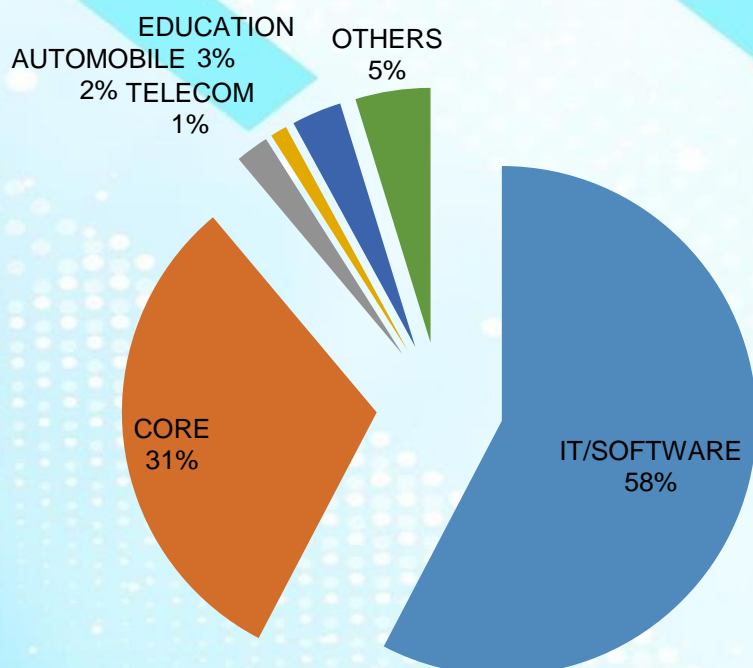
Students of Tripura residentials are eligible for availing Scholarship total of Rs 40000/- (on Tuition fee of Rs. 252000, total course fee Rs. 292650/- for 2020-21)

Other Scholarship Schemes

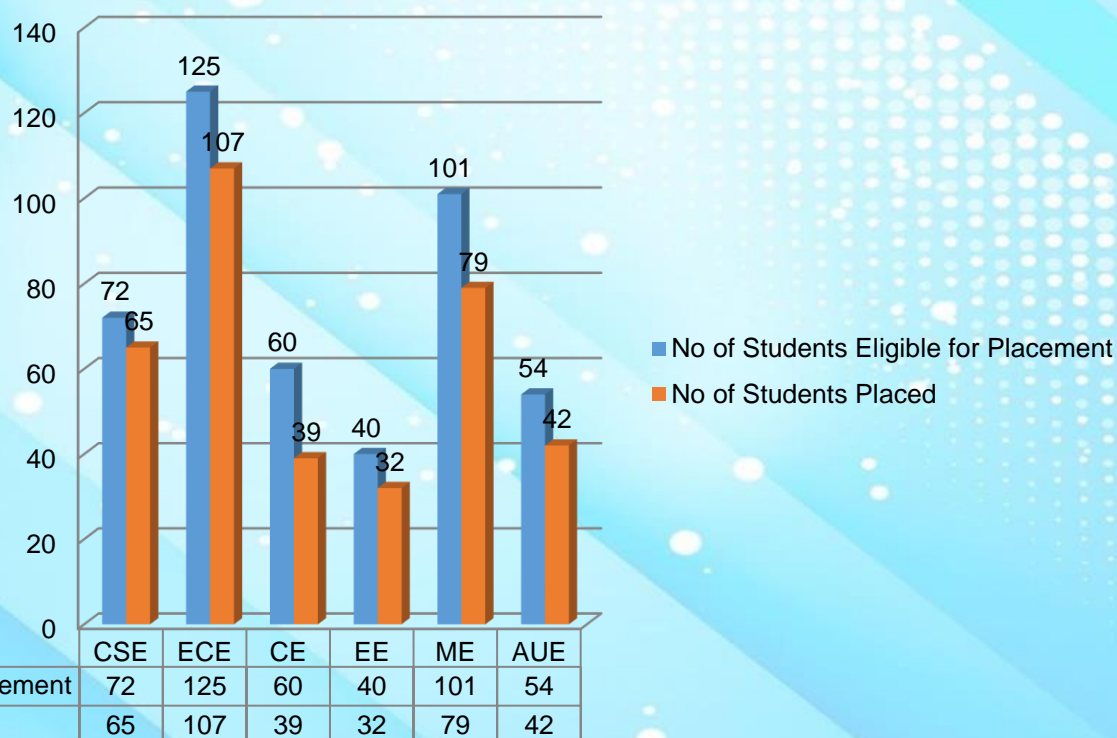
- Students belonging to **Sikh Minority** are eligible for availing special scholarship.
- Students are eligible to get **Half/Full freeship** (on Tuition Fee) having valid financial issues.
- **Girls students**, those who secured higher marks are eligible to get **Merit Scholarship**
- Students having higher marks, admitted in **Core branches** like ECE, EE, CE, ME, AUE, Robotics are entitled to get scholarship.
- Students from any stream, secured higher marks are eligible to get **Merit-cum-Means** Scholarship
- Students having TFW Rank in WBEE 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 2021



Placement Status 2021



Training & Placement

Details of placement of outgoing students during AY 2020-21

Sl. No.	Name of student placed	Stream	Year of graduation	Name of the employer	Pay package at appointment (in Lakhs)
1	Abhishek Anand	AUE	2021	Bajaj Auto Pvt. Ltd.	1.38
2	Akash Roy	AUE	2021	MADHUS GARAGE	2.98
3	Animesh Roy	AUE	2021	Ola Car	3.99
4	Anubhaw Dubey	AUE	2021	MADHUS GARAGE	2.98
5	Arin Halder	AUE	2021	Rivigo	3.00
6	Avinash Kumar Roy	AUE	2021	Tata Aig	2.40
7	Avi Patra	AUE	2021	Rivigo	3.00
8	Avishek Pal	AUE	2021	Ola Car	3.99
9	Biswarup Singha	AUE	2021	Planet Spark	7.23
10	Chiranjit Sarkar	AUE	2021	Tata Aig	2.40
11	Dibyendu Tarafder	AUE	2021	MADHUS GARAGE	2.98
12	Jay Kumar Koiry	AUE	2021	Tata Aig	2.40
13	Jonty Dey	AUE	2021	Rivigo	3.00
14	Md Nadim Ansari	AUE	2021	Chegg India	4.50
15	Rituraj Munshi	AUE	2021	OTR & INDUSTRIAL TYRE SERVICES INDIA PVT LTD"	1.44
16	Rohit Barua	AUE	2021	MADHUS GARAGE	2.98
17	Sagar Biswas	AUE	2021	OTR & INDUSTRIAL TYRE SERVICES INDIA PVT LTD"	1.44
18	Saikat Mitra	AUE	2021	Planet Spark	7.23
19	Samrat Chakraborty	AUE	2021	Go Speedy Go	3.36
20	Samyabrata Bhattacharyya	AUE	2021	Planet Spark	7.23
21	Saptarshi Adak	AUE	2021	RAJSRIYA AUTOMOTIVE	1.44
22	Satyajit Paul	AUE	2021	Bajaj Auto Pvt. Ltd.	1.38
23	Sayan Pramanick	AUE	2021	Amazon	1.69
24	Shankha Shuvra Banerjee	AUE	2021	OTR & INDUSTRIAL TYRE SERVICES INDIA PVT LTD"	1.44
25	Shuvam Basak	AUE	2021	RAJSRIYA AUTOMOTIVE	1.44
26	Siddhartha Saha	AUE	2021	Ayant Software	1.50
27	Sk Sahadatali	AUE	2021	Ayant Software	1.50
28	Soumik Ghosh	AUE	2021	Tafe	2.22
29	Soumyadeep Dev Roy	AUE	2021	Planet Spark	7.23
30	Sourav Chakrobarty	AUE	2021	Tafe	2.22
31	Sourav Ghosh	AUE	2021	Bajaj Auto Pvt. Ltd.	1.38
32	Subham Chandra Mahato	AUE	2021	RAJSRIYA AUTOMOTIVE	1.44
33	Subhasish Bhadra	AUE	2021	Bajaj Auto Pvt. Ltd.	1.38

Training & Placement

34	Subhradeep Maity	AUE	2021	Tafe	2.22
35	Sumit Samanta	AUE	2021	Chegg India	4.50
36	Sunny Kumar	AUE	2021	Bajaj Auto Pvt. Ltd.	1.38
37	Sushmit Dan	AUE	2021	Tata Aig	2.40
38	Tamoghna Ghosh	AUE	2021	Amazon	1.69
39	Towsif Ahmad	AUE	2021	Tafe	2.22
40	Tuhin Das	AUE	2021	Go Speedy Go	3.36
41	Tunir Majumder	AUE	2021	TCS	3.37
42	Waris Ahmed	AUE	2021	Go Speedy Go	3.36
43	Abhijit Karmakar	CE	2021	KEC International	3.35
44	Akash Kumar	CE	2021	Integers Telecom Services Inc	3.00
45	Ankita Adhikary	CE	2021	Pinnacle Infotech	2.16
46	Ankit Bhowmik	CE	2021	Verzeo	2.85
47	Anwesha Mondal	CE	2021	TCS	3.37
48	Appayan Acharjee	CE	2021	ACC Ltd.	2.40
49	Arabinda Dutta	CE	2021	M/s BPC India Private Limited.	2.04
50	Arindam Bhattacharyya	CE	2021	L&T Ltd	4.20
51	Arnab Dey	CE	2021	RAJSRIYA AUTOMOTIVE	1.44
52	Arnab Laha	CE	2021	Byjus	5.00
53	Avinav Nandy	CE	2021	Tanvi Construction & Co	1.80
54	Bikash Kumar Shaw	CE	2021	Integers Telecom Services Inc	3.00
55	Bikram Sau	CE	2021	M/s BPC India Private Limited.	2.04
56	Biswajit Ghorai	CE	2021	Tanvi Construction & Co	1.80
57	Debargha Chakraborty	CE	2021	M/s BPC India Private Limited.	2.04
58	Debojyoti Bagchi	CE	2021	Pinnacle Infotech	2.16
59	Dipam Biswas	CE	2021	Kinlong Hardware India Pvt. Ltd.	2.28
60	Gaurav Mishra	CE	2021	RAJSRIYA AUTOMOTIVE	1.44
61	Himadri Panigrahi	CE	2021	Kinlong Hardware India Pvt. Ltd.	2.28
62	Indranil Ghosh	CE	2021	Vedantu	3.30
63	Indranil Paul	CE	2021	Kinlong Hardware India Pvt. Ltd.	2.28
64	Kaustav Gan	CE	2021	ACC Ltd.	2.40
65	Pranab Patra	CE	2021	Vedantu	3.30
66	Rittick Sarkar	CE	2021	ANG India	2.16
67	Sagarika Malakar	CE	2021	Verzeo	2.85
68	Sagnic Chanda	CE	2021	Tanvi Construction & Co	1.80
69	Shouvick Mandal	CE	2021	RAJSRIYA AUTOMOTIVE	1.44
70	Shreyashi Chaudhury	CE	2021	TCS	3.37
71	Shuvam Pahari	CE	2021	Pinnacle Infotech	2.16
72	Soumen Jha	CE	2021	Chegg India	4.50
73	Soumita Boral	CE	2021	Pinnacle Infotech	2.16

Training & Placement

74	Souvik Ghosh Dastidar	CE	2021	Sauryajyoti Renewables Pvt Ltd	1.20
75	Subham Kumar Singh	CE	2021	Whitehat Jr	4.50
76	Subhojit Ghosh	CE	2021	Chegg India	4.50
77	Subhojit Kar	CE	2021	Sauryajyoti Renewables Pvt Ltd	1.20
78	Sujoy Ghosh	CE	2021	Integers Telecom Services Inc	3.00
79	Suman Dev Roy	CE	2021	Chegg India	4.50
80	Supriyo Biswas	CE	2021	KEC International	3.35
81	Uddipta Banerjee	CE	2021	Byjus	5.00
82	Abhinaba Mukherjee	CSE	2021	Indusnet Technologies	4.10
83	Aditya Prajapati	CSE	2021	TCS	3.37
84	Agnideep Podder	CSE	2021	Wipro	3.50
85	Aishik Sett	CSE	2021	Tech Mahindra	3.35
86	Anagh Bandyopadhyay	CSE	2021	Ayant Software	1.50
87	Angana Das	CSE	2021	CTS	4.01
88	Anindya Modi	CSE	2021	CTS	4.01
89	Anirban Pal	CSE	2021	TCS	3.37
90	Anjan Das	CSE	2021	ITC Infotech	4.25
91	Ankan Sarkar	CSE	2021	Byjus	5.00
92	Anurag Dutta	CSE	2021	Cuelogic	2.58
93	Aritra Karmakar	CSE	2021	ARC Document Solutions Pvt. Ltd.	4.00
94	Arko Dutta	CSE	2021	Capgemini	3.80
95	Arnab Kumar Roy	CSE	2021	CBNIT	2.40
96	Arpan Das	CSE	2021	Embee Software	2.24
97	Arpan Laha	CSE	2021	NAGARRO	3.00
98	Ashish Kumar Singh	CSE	2021	Hexaware	4.00
99	Atithya Mondal	CSE	2021	CTS	4.01
100	Ayan Banerjee	CSE	2021	Huawei Technology	3.47
101	Baishakhi Mukherjee	CSE	2021	ITC Infotech	4.25
102	Bipul Chakraborty	CSE	2021	Bitwise	3.00
103	Debasmita Dasgupta	CSE	2021	Amazon	1.69
104	Debleena Sen	CSE	2021	24*7 Software	1.86
105	Debojyoti Bhattacharjee	CSE	2021	Hexaware	4.00
106	Debopriya Mukherjee	CSE	2021	Ayant Software	1.50
107	Dipika Pal	CSE	2021	Artech Infosystem	4.68
108	Jagadiswar Midya	CSE	2021	Amazon	1.69
109	Jayasree Dey	CSE	2021	Amazon	1.69
110	Khondekar Mustak Riyaj	CSE	2021	Capgemini	3.80

Training & Placement

111	Koyel Das	CSE	2021	Byjus	5.00
112	Kunal Das	CSE	2021	24*7 Software	1.86
113	Md Rashid	CSE	2021	24*7 Software	1.86
114	Mirmohammad Russel	CSE	2021	Tech Mahindra	3.35
115	Mohsin Parwez Khan	CSE	2021	UST BLUECONCH	4.50
116	Muktarul Hossain	CSE	2021	ARC Document Solutions Pvt. Ltd.	4.00
117	Muskan Khatoon	CSE	2021	Tech Mahindra	3.35
118	Nidhi Shah	CSE	2021	Hexaware	4.00
119	Nilanjan Mukherjee	CSE	2021	TCS	3.37
120	Pratik Nandan	CSE	2021	Whitehat Jr	4.50
121	Pritam Nandi	CSE	2021	Verzeo	2.85
122	Priya Kumari	CSE	2021	Artech Infosystem	4.68
123	Rahul Pal	CSE	2021	TCS	3.37
124	Rahul Saha	CSE	2021	Wipro	3.50
125	Ramita Dey	CSE	2021	Embee Software	2.24
126	Ranit Das	CSE	2021	Tech Mahindra	3.35
127	Rima Kumari	CSE	2021	Verzeo	2.85
128	Rohit Shaw	CSE	2021	TCS	3.37
129	Sagnik Mal	CSE	2021	TCS	3.37
130	Samit Das	CSE	2021	CTS	4.01
131	Sayan Sen	CSE	2021	UST BLUECONCH	4.50
132	Sayantan Chakravarty	CSE	2021	SUVENTURE	2.40
133	Shahbaz Hussain	CSE	2021	Mindtree	4.08
134	Shreya Ghosh	CSE	2021	IBM	4.25
135	Shreyasi Mukherjee	CSE	2021	Accenture	4.50
136	Sk Md Nisar	CSE	2021	SmartBrains Engineers & Technology Pvt. Ltd.	2.22
137	Sourabh Sinha Mahapatra	CSE	2021	Ayant Software	1.50
138	Sourav Das Adhikary	CSE	2021	SmartBrains Engineers & Technology Pvt. Ltd.	2.22
139	Sourav Singha Roy	CSE	2021	ARC Document Solutions Pvt. Ltd.	4.00

Training & Placement

140	Sujan Mondal	CSE	2021	ARC Document Solutions Pvt. Ltd.	4.00
141	Suprakash Maity	CSE	2021	Embee Software	2.24
142	Suptim Das	CSE	2021	Indusnet Technologies	4.10
143	Susovan Datta	CSE	2021	ARC Document Solutions Pvt. Ltd.	4.00
144	Tanmoy Mukherjee	CSE	2021	SmartBrains Engineers & Technology Pvt. Ltd.	2.22
145	Tuhin Dhar	CSE	2021	Mindtree	4.08
146	Tuhin Nayak	CSE	2021	Capgemini	3.80
147	Aakashsar Kar	ECE	2021	Integers Telecom Services Inc	3.00
148	Aashutosh Jaiswal	ECE	2021	Hexaware	4.00
149	Aayush Kumar Singh	ECE	2021	Synpulse	6.05
150	Abirbhab Saha	ECE	2021	Infosys	3.60
151	Aditya Gaurav	ECE	2021	Vedantu	3.30
152	Aditya Kumar Mishra	ECE	2021	24*7 Software	1.86
153	Ahanjit Ghosh	ECE	2021	Mindtree	4.08
154	Aninkan Ghatak	ECE	2021	Huawei Technology	3.54
155	Ankita Kumari	ECE	2021	Indusnet Technologies	4.10
156	Ankur Kumar Das	ECE	2021	Capgemini	3.80
157	Antara Saha	ECE	2021	Greenwave Solution	3.52
158	Arghya Bakshi	ECE	2021	Embee Software	2.24
159	Arihant Kumar Sethia	ECE	2021	TCS	3.37
160	Arindam Paul	ECE	2021	TCS	3.37
161	Arit Kumar Ghosh	ECE	2021	Accenture	4.50
162	Arkaprava Ghorai	ECE	2021	Huawei Technology	3.47
163	Arpan Basuli	ECE	2021	Wipro Technology	3.50
164	Barnadeb Nath	ECE	2021	Hexaware	4.00
165	Chandralekha Mondal	ECE	2021	TCS	3.37
166	Debajyoti Ghosh Dastidar	ECE	2021	Synpulse	6.05
167	Debangan Dawn	ECE	2021	CBNIT	2.40
168	Debanjan Das	ECE	2021	TCS	3.37

Training & Placement

169	Debosmita Ganguli	ECE	2021	Capgemini	3.80
170	Dhruba Roy	ECE	2021	TCS	3.37
171	Dibyendu Karmakar	ECE	2021	CBNIT	2.40
172	Dipankar Khorat	ECE	2021	CBNIT	2.40
173	Divya Tiwary	ECE	2021	Innolabz	3.60
174	Diya Sen	ECE	2021	Huawei Technology	3.54
175	Firdaus Ahmed	ECE	2021	CBNIT	2.40
176	Gourav Chakraborty	ECE	2021	Byjus	5.00
177	Himanshu Sharma	ECE	2021	Mindtree	4.08
178	Jaydeep Banerjee	ECE	2021	Planet Spark	7.23
179	Jaysree Banik	ECE	2021	CBNIT	2.40
180	Jinia Guha	ECE	2021	Knoldus	1.80
181	Jitamdeb Nath	ECE	2021	Huawei Technology	3.47
182	Koustab Maity	ECE	2021	Synpulse	6.05
183	Kuntal Pal	ECE	2021	TCS	3.37
184	Kushagra Kumar	ECE	2021	SmartBrains Engineers & Technology Pvt. Ltd.	2.22
185	Kushal Das	ECE	2021	Cuelogic	2.58
186	Lipi Pandit	ECE	2021	CTS	4.01
187	Madhurima Nandy	ECE	2021	SmartBrains Engineers & Technology Pvt. Ltd.	2.22
188	Madhu Sawan	ECE	2021	SmartBrains Engineers & Technology Pvt. Ltd.	2.22
189	Manas Upadhyay	ECE	2021	Synpulse	6.05
190	Manjeet Raj	ECE	2021	Vedantu	3.30
191	Manojit Paul	ECE	2021	CBNIT	2.40
192	Manoj Kumar Mishra	ECE	2021	Mindtree	4.08
193	Mitul Patel	ECE	2021	TCS	3.37
194	Monalisa Ghosh	ECE	2021	Hexaware	4.00
195	Moumita Das	ECE	2021	Huawei Technology	3.54
196	Murshed Ali Naskar	ECE	2021	TCS	3.37
197	Pabitra Ghosh	ECE	2021	TCS	3.37

Training & Placement

198	Parnashree Mitra	ECE	2021	ARC Document Solutions Pvt. Ltd.	4.00
199	Payel Dutta	ECE	2021	24*7 Software	1.86
200	Pranab Bhowmick	ECE	2021	Cuelogic	2.58
201	Pranab Kumar Ghosh	ECE	2021	Wipro Technology	3.50
202	Pranab Paul	ECE	2021	Mindtree	4.08
203	Priyanka Saha	ECE	2021	Wipro Technology	3.50
204	Priya Sarkar	ECE	2021	TCS	3.37
205	Rahul Chatterjee	ECE	2021	24*7 Software	1.86
206	Rahul Mitra	ECE	2021	Synpulse	6.05
207	Rajanya Guha	ECE	2021	CBNIT	2.40
208	Rajdeep Mitra	ECE	2021	Huawei Technology	3.47
209	Rajiv Kumar Singh	ECE	2021	Wipro Technology	3.50
210	Raj Modi	ECE	2021	24*7 Software	1.86
211	Ranjit Panda	ECE	2021	Huawei Technology	3.47
212	Razi Perween	ECE	2021	Accenture	4.50
213	Rintana Das	ECE	2021	Wipro Technology	3.50
214	Sabarna Mazumder	ECE	2021	Cuelogic	2.58
215	Saikat Manna	ECE	2021	Wipro Technology	3.50
216	Satyam Kumar Jha	ECE	2021	SmartBrains Engineers & Technology Pvt. Ltd.	2.22
217	Sayan Ganguly	ECE	2021	CBNIT	2.40
218	Sayan Ghosh	ECE	2021	CTS	4.01
219	Sayan Ghosh	ECE	2021	Capgemini	3.80
220	Sayanipa Bose	ECE	2021	Capgemini	3.80
221	Sayantani Saha	ECE	2021	Mindtree	4.08
222	Shani Majumdar	ECE	2021	Embee Software	2.24
223	Shreyansh Gupta	ECE	2021	SmartBrains Engineers & Technology Pvt. Ltd.	2.22
224	Shubhajit Kundu	ECE	2021	CBNIT	2.40
225	Souhardya Mukherjee	ECE	2021	Synpulse	6.05
226	Soujanya Mullick	ECE	2021	ARC Document Solutions Pvt. Ltd.	4.00

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227	Soumyajit Mishra	ECE	2021	Knoldus	1.80
228	Soumyakanti Panja	ECE	2021	Knoldus	1.80
229	Sourajit Nan	ECE	2021	Persistant System Ltd	4.51
230	Sourav Banerjee	ECE	2021	Planet Spark	7.23
231	Sourav Chakraborty	ECE	2021	Greenwave Solution	3.52
232	Sourav Kumar Shaw	ECE	2021	TCS	3.37
233	Spandan Biswas	ECE	2021	Huawei Technology	3.54
234	Srichandra Mitra	ECE	2021	Capgemini	3.80
235	Srota Dey	ECE	2021	Planet Spark	7.23
236	Subhadeep Roy Chowdhury	ECE	2021	ARC Document Solutions Pvt. Ltd.	4.00
237	Subhankar Pal	ECE	2021	ARC Document Solutions Pvt. Ltd.	4.00
238	Subhojit Saha	ECE	2021	Synpulse	6.05
239	Sudipam Ghosh	ECE	2021	Vedantu	3.30
240	Sujoy Kumar Bhattacharya	ECE	2021	Byjus	5.00
241	Sukalyan Kundu	ECE	2021	SmartBrains Engineers & Technology Pvt. Ltd.	2.22
242	Sumit Saha	ECE	2021	CTS	4.01
243	Supratim Bhattacharjee	ECE	2021	Byjus	5.00
244	Sushanta Saha	ECE	2021	Byjus	5.00
245	Susmita Paul	ECE	2021	Huawei Technology	3.47
246	Swagat Mondal	ECE	2021	Innolabz	3.60
247	Swarnali Saha	ECE	2021	Cuelogic	2.58
248	Tamajit Nag	ECE	2021	Cuelogic	2.58
249	Ujjwal Anand	ECE	2021	Vedantu	3.30
250	Vishwajeet Kumar	ECE	2021	ARC Document Solutions Pvt. Ltd.	4.00
251	Vivek Pandey	ECE	2021	Integers Telecom Services Inc	3.00
252	Yash Kumar	ECE	2021	SmartBrains Engineers & Technology Pvt. Ltd.	2.22
253	Zafereq Bal	ECE	2021	SmartBrains Engineers & Technology Pvt. Ltd.	2.22
254	Abhishek Gupta	EE	2021	Embee Software	2.59
255	Abhishek Sengupta	EE	2021	ANG India	2.59

Training & Placement

256	Abhisikta Bhattacharya	EE	2021	Byjus	5.00
257	Abhra Samadder	EE	2021	Ayant Software	1.50
258	Achyut Chakraborty	EE	2021	Wipro Technology	3.50
259	Amit Kanta Koner	EE	2021	SmartBrains Engineers & Technology PVT LTD	2.22
260	Anjan Saha	EE	2021	Embee Software	2.24
261	Arnab Sinha	EE	2021	Pinnacle Infotech	2.16
262	Arpan Sarkar	EE	2021	Verzeo	2.85
263	Bipin Kumar Yadav	EE	2021	Wipro Technology	3.50
264	Biplab Gupta	EE	2021	KEC International	3.35
265	Biplab Pramanik	EE	2021	SmartBrains Engineers & Technology PVT LTD	2.22
266	Biswajit Saha	EE	2021	Embee Software	2.24
267	Braj Kishor Ray	EE	2021	KEC International	3.35
268	Kailash Keshri	EE	2021	TCS	3.37
269	Palash Debnath	EE	2021	ANG India	2.16
270	Pinki Sadhukhan	EE	2021	Ayant Software	1.50
271	Poulami Bag	EE	2021	Accenture	4.50
272	Prantik Pattanayak	EE	2021	Pinnacle Infotech	2.16
273	Pratik Chakraborty	EE	2021	Verzeo	2.85
274	Pratim Basu	EE	2021	Wipro Technology	3.50
275	Pritam Debnath	EE	2021	ANG India	2.16
276	Pritthiraj Chakraborty	EE	2021	Integers Telecom Services Inc	3.00
277	Ravi Kumar	EE	2021	SmartBrains Engineers & Technology PVT LTD	2.22
278	Ravi Singh	EE	2021	Pinnacle Infotech	2.16
279	Ria Shaw	EE	2021	CTS	4.01
280	Roshan Kundu	EE	2021	Ayant Software	1.50
281	Sarojit Pal	EE	2021	SmartBrains Engineers & Technology PVT LTD	2.22
282	Shovan Bala	EE	2021	Integers Telecom Services Inc	3.00
283	Soham Pal	EE	2021	Byjus	5.00
284	Sumanta Naskar	EE	2021	ANG India	2.16

Training & Placement

285	Susmit Sarkar	EE	2021	Integers Telecom Services Inc	3.00
286	Aasim Anwar	ME	2021	Kinlong Hardware Pvt. Ltd.	2.28
287	Abhijeet Kumar	ME	2021	ARC Document Solution	4.00
288	Abhishek Ghosh	ME	2021	Rivigo	3.00
289	Abhishek Maity	ME	2021	Pinnacle Infotech	2.16
290	Ajit Kumar	ME	2021	TCS	3.37
291	Amandeep Singh	ME	2021	ARC Document Solution	4.00
292	Amber Mishra	ME	2021	Rivigo	3.00
293	Ananyo Saha	ME	2021	Kinlong Hardware Pvt. Ltd.	2.28
294	Anikash Roy	ME	2021	RAJSRIYA AUTOMOTIVE	1.44
295	Aninda Das	ME	2021	VV Autotest	4.20
296	Anindya Banerjee	ME	2021	RAJSRIYA AUTOMOTIVE	1.44
297	Anirban Ghatak	ME	2021	Amazon	1.69
298	Anirban Ghosh	ME	2021	RAJSRIYA AUTOMOTIVE	1.44
299	Aniruddha Saha	ME	2021	Planet Spark	7.23
300	Anupam Mukherjee	ME	2021	Planet Spark	7.23
301	Anurag Rakshit	ME	2021	Kinlong Hardware Pvt. Ltd.	2.28
302	Arijit Bhowmick	ME	2021	QH Talbros	2.16
303	Arijit Chakraborty	ME	2021	KEC INTERNATIONAL	3.35
304	Arindam Bandopadhyay	ME	2021	Kinlong Hardware Pvt. Ltd.	2.28
305	Arindam Das	ME	2021	RAJSRIYA AUTOMOTIVE	1.44
306	Arindam Paul	ME	2021	KEC INTERNATIONAL	3.35
307	Aritra Banik	ME	2021	Pinnacle Infotech	2.16
308	Aritra Krishna Banik	ME	2021	KEC International	3.35
309	Arjeous Choudhury	ME	2021	Amazon	1.69
310	Arka Saha	ME	2021	AB Polypacks	3.00
311	Arunava Ghosh	ME	2021	Debson Pump	2.40
312	Ashim Kumar Saha	ME	2021	AB Polypacks	3.00
313	Avijeet Kumar Rawat	ME	2021	Pinnacle Infotech	2.16

Training & Placement

314	Ayan Bandyopadhyay	ME	2021	Amazon	1.69
315	Chandramouli Mitra	ME	2021	RAJSRIYA AUTOMOTIVE	1.44
316	Chiranjit Jasu	ME	2021	TCS	3.37
317	Debdeep Ghosh	ME	2021	AB Polypacks	3.00
318	Debolina Chatterjee	ME	2021	Amazon	1.69
319	Dhritiman Mondal	ME	2021	Chegg India	4.50
320	Dhritiman Mondal	ME	2021	VV Autotest	4.20
321	Dibyajeet Bhattacharjee	ME	2021	Debson Pump	2.40
322	Gaurab Bhowmick	ME	2021	Codersdata	1.50
323	Gautam Kumar Sah	ME	2021	Planet Spark	7.23
324	Kumar Vikram	ME	2021	AB Polypacks	3.00
325	Manish Kumar	ME	2021	Chegg India	4.50
326	Md Azad	ME	2021	Pinnacle Infotech	2.16
327	Md Saif Ali Khan	ME	2021	AB Polypacks	3.00
328	Md Shibli	ME	2021	VV Autotest	4.20
329	Mithilesh Kumar Jha	ME	2021	Greater Kolkata College of Engineering & Management	2.63
330	Noman Kashif	ME	2021	Amazon	1.69
331	Prantik Roy Chowdhury	ME	2021	Codersdata	1.50
332	Pritam Pain	ME	2021	Planet Spark	7.23
333	Pritam Patra	ME	2021	Pinnacle Infotech	2.16
334	Rajarshi Mukhopadhyay	ME	2021	Kinlong Hardware Pvt. Ltd.	2.28
335	Rakesh Giri	ME	2021	KEC International	3.35
336	Ramandeep Singh	ME	2021	QH Talbros	2.16
337	Ravi Kumar	ME	2021	TCS	3.37
338	Rishi Singh	ME	2021	Chegg India	4.50
339	Riya Das	ME	2021	ARC Document Solution	4.00
340	Rohan Roy	ME	2021	Pinnacle Infotech	2.16
341	Sandip Gatait	ME	2021	Debson Pump	2.40
342	Santanu Maity	ME	2021	AB Polypacks	3.00

Training & Placement

34 3	Saptarshi Kumar Mitra	ME	2021	Pinnacle Infotech	2.16
34 4	Sarthak Dutta	ME	2021	Planet Spark	7.23
34 5	Sayantan Chakraborti	ME	2021	ARC Document Solution	4.00
34 6	Sombit Mandal	ME	2021	QH Talbros	2.16
34 7	Somu Bera	ME	2021	KEC International	3.35
34 8	Soumajit Talukdar	ME	2021	Planet Spark	7.23
34 9	Souradeep Bhattacharjee	ME	2021	Amazon	1.69
35 0	Souvik Bhattacharya	ME	2021	Planet Spark	7.23
35 1	Souvik Sen	ME	2021	Planet Spark	7.23
35 2	Suban Mollick	ME	2021	Amazon	1.69
35 3	Subhajit Das	ME	2021	Chegg India	4.50
35 4	Subhajyoti Kundu	ME	2021	Chegg India	4.50
35 5	Sudam Giri	ME	2021	AB Polypacks	3.00
35 6	Sudipta Mitra	ME	2021	QH Talbros	2.16
35 7	Sujoy Dutta	ME	2021	Kinlong Hardware Pvt. Ltd.	2.28
35 8	Sumit Hazra	ME	2021	Debson Pump	2.40
35 9	Suvajit Kangsa Banik	ME	2021	Codersdata	1.50
36 0	Tamaghna Sarkar	ME	2021	QH Talbros	2.16
36 1	Tanuj Das	ME	2021	Chegg India	4.50
36 2	Uday Sankar Saha	ME	2021	Codersdata	1.50
36 3	Utsav Kumar	ME	2021	Rivigo	3.00
36 4	Uttam Bhattacharya	ME	2021	ARC Document Solution	4.00

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
2020-21	Alshamsalam	B.Tech in AUE	2021	JIS, Kalyani	M.Tech. Mechanical Engineering
	Amitkumar Sharma	B.Tech in AUE	2021	JIS, Kalyani	M.Tech. Mechanical Engineering
	Arnabdebnath	B.Tech in AUE	2021	Narula Institute of Technology, Kolkata	M.Tech Automobile Engineering
	Promitsen	B.Tech in AUE	2021	Narula Institute of Technology, Kolkata	M.Tech Automobile Engineering
	Sauravpal	B.Tech in AUE	2021	Narula Institute of Technology, Kolkata	M.Tech Automobile Engineering
	Debyasnita Sarkar	B.Tech in CE	2021	Regional College of Management, Bangalore	MBA
	Suchhanda Mondal	B.Tech in CE	2021	NIT Durgapur	M.Tech in Geotechnical Engineering
	Tanujit Malakar	B.Tech in CE	2021	Maulana Abul Kalam Azad University of Technology	M.Tech in GeoInformatics
	Mrinal Kumar Saha	B.Tech in CE	2021	Narula Institute of Technology	M.Tech in Structural Engineering
	Sayan Singha Roy	B.Tech in CE	2021	Narula Institute of Technology	M.Tech in Structural Engineering
	Arjab Baran Khan	B.Tech in CE	2021	Narula Institute of Technology	M.Tech in Structural Engineering
	Sukdeb Paul	B.Tech in CE	2021	Narula Institute of Technology	M.Tech in Structural Engineering
	Sudhir Bhattacharyya	B.Tech in CE	2021	Maulana Abul Kalam Azad University of Technology	M.Tech in GeoInformatics
	Arnab Raha	B.Tech in CE	2021	Narula Institute of Technology	M.Tech in Geotechnical Engineering
	Samrat Saha	B.Tech in CE	2021	ICFAI University	MBA
	Indrajit Paul	B.Tech in CE	2021	Institute of Engineering and Management	MBA
	Debabrota Kar	B.Tech in CE	2021	JIS College of Engineering	MBA
	Anupam Sen	B.Tech in CE	2021	National Institute of Construction Management and Research	MBA
	Jayee Bhattacharjee	BTech in CSE	2021	NSIT, Ahmedabad	M.Tech in CSE
	Nabanita Dutta	BTech in CSE	2021	University of the west England BRISTOL	Master of Science in Data Science
	Anshika Chaturvedi	BTech in CSE	2021	University of KENT	Master of Science in AI
	Arindam Das	BTech in CSE	2021	Maulana Abul Kalam Azad University of Technology	M.Tech
	Abira Paul	B.Tech in ECE	2021	HIT	MBA
	Amitava Ghosh	B.Tech in ECE	2021	Techno India	M.TECH
	Amrita Ghosh	B.Tech in ECE	2021	HIT	MBA
	Anish Shukla	B.Tech in ECE	2021	JISU	M.TECH
	Ankita Ghosh	B.Tech in ECE	2021	JISU	M.TECH
	Antara Pratihara	B.Tech in ECE	2021	HIT	MBA
	Debjit Lahiri	B.Tech in ECE	2021	Techno India	M.TECH
	Sabbi Jain	B.Tech in ECE	2021	IEM	M.TECH
	Subham Islam	B.Tech ME	2021	Swami Vivekananda Institute of Science and Technology	MBA
	Sanjoy Debnath	B.Tech ME	2021	Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex	M Tech in Mechanical Engineering

Training & Placement

List of Some Reputed Recruiters













Construct
Certainty, with
Technology






DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

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 2020-21

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 41,958 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 DSCSITSC Library have CD-ROMS, E-journal, E-Books, magazines, Newspaper, B.O.G. reports, subject dictionaries, career guide books, ready references and previous years' question papers (Online + offline). The library provides a free and congenial atmosphere for sharing awareness, wisdom and information.

The whole Library is under the surveillance of CCTV.

Area: Total Carpet area 7346 sq.ft.

Library Opening Hours

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

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

Library Resources (Printed Document)

Text Books: 30,222

Reference Books: 11,759

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

Previous year question papers are also available in printed form.

E-Resources

E-books: 300+

E-Journal: 195+

Database : More than 50,000+ Indexed Journals

CD/DVD: 57+

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

195 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 – 300.

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 DSCSITSC central Library, mainly in CDs and DVDs. These are accessioned as NB (Non Book). More than 57 CDs, DVDs are available in our collection on different subjects under the domain of Engineering.

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

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Memorandum of Understanding (MoU) 2020-21

Memorandum of Understanding (MoU) 2020-21

Year	Partner/Institution	Date	Scope of Collaboration
2020-21	MEGH ROBOTICS PVT. LTD. & RC HOBBYTECH SOLUTIONS PVT. LTD.	14.08.2020	Industry Training, Industry Visit, FDP, Placement Assistance, Seminar/Webinar
	HYUNDAI MOTOR INDIA LIMITED	30.09.2020	Seminars/Webinar/Workshop, Internship and Training, Mentoring in Student Projects, Industry Visit
	Nagar College, Murshidabad	28.09.2020	Collaborative Research Activities, Seminar/Webinar, Faculty FDP etc.

Hyundai Motor India Limited



Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex

Dum Dum, Kolkata- 700074

Kind Attn: Dr. Om Prakash Sharma

Dear Sir,

Sub: Renewal of the Agreement between HMIL & Polytechnic

This has reference to the Agreement executed between Hyundai Motor India Limited (HMIL) and Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex (Polytechnic) for imparting Hyundai Certificate Course along with the Polytechnic Syllabus to the students on the terms and conditions set out in the ORIGINAL AGREEMENT.

Further to our discussions on renewal of the ORIGINAL AGREEMENT, we hereby, through this Letter, extend the Term of the ORIGINAL AGREEMENT for a further period of FOUR (04) years commencing from 30th Sep 2020 and ending on 29th Sep 2024 on the same terms and conditions as agreed in the ORIGINAL AGREEMENT.

As a token of your having accepted the extension of the ORIGINAL AGREEMENT, please endorse your signature at the space provided below and return the same to us for our records.

Yours faithfully

For HYUNDAI MOTOR INDIA LIMITED

S Punnaivanam

Vice President, National Service Head
Hyundai Motor India Ltd.

For Polytechnic,

Confirmed By

Name: *Dr. Om Prakash Sharma*
Designation: *Principal*

Dr. Om Prakash Sharma
Principal
BE. ME. (MBM, Jodhpur), Ph.D. (MNIT Jaipur)
MIEEE, FMIEL, LMIETE, LMISTE, MCSI
Dr. Sudhir Chandra Sur Institute of Technology
& Sports Complex
540, Dum Dum Road, Surermath, Kolkata-700074

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Hyundai Motor India Limited

Registered Office: Plot No. H-1, Sipcot Industrial Park, Indagallukottai,

Sriperumbudur-631001, Kancheepuram District, Tamil Nadu-602017, India

CIN (Corporate Identity Number): U29309TN1996PLC035377, T-91 (48) 47100000

Corporate Office: 2nd & 6th Floor, Corporate One (Baan Building),

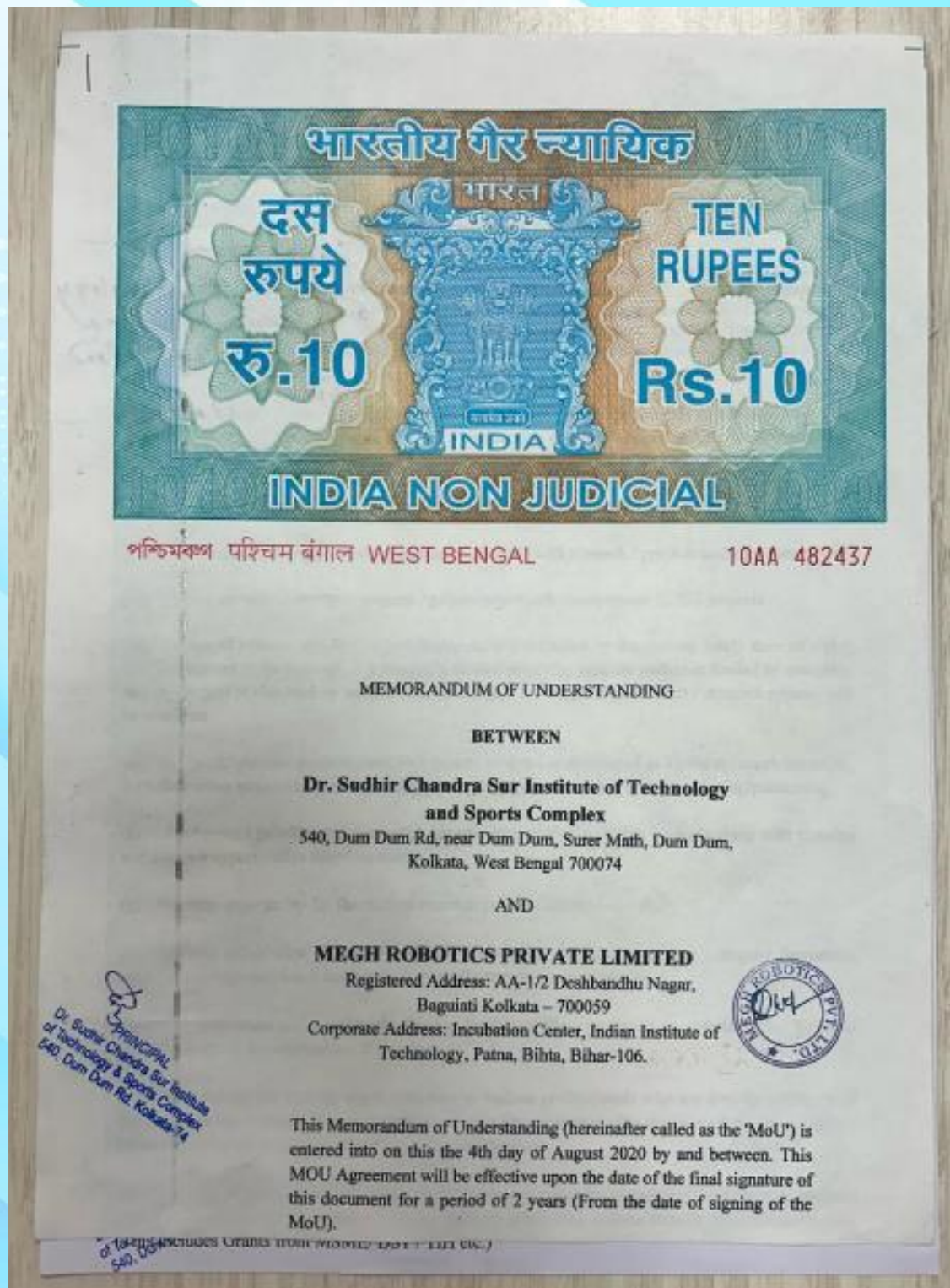
Plot No. 5, Commercial Centre, Jasola, New Delhi-110025, India

T-91 (1) 6602 2000 F-91 (1) 6602 2201-2

www.hyundai.co.in

Memorandum of Understanding (MoU) with Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex and Hyundai Motor India Limited on 30/09/2020

MEGH ROBOTICS PRIVATE LIMITED



Memorandum of Understanding (MoU) with Dr. Sudhir Chandra Sur Degree Engineering College and MEGH ROBOTICS PRIVATE LIMITED on 04/08/2020

Nagar College



Memorandum of Understanding (MoU) with Dr. Sudhir Chandra Sur Degree Engineering College and Nagar College on 28/09/2020

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IT Resources 2020-21

IT Resources

Hardware

SERVER - 2

DESKTOP - 476

LAPTOP- 7

LCD Projector -17

Switches - 28

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

Printers – 40

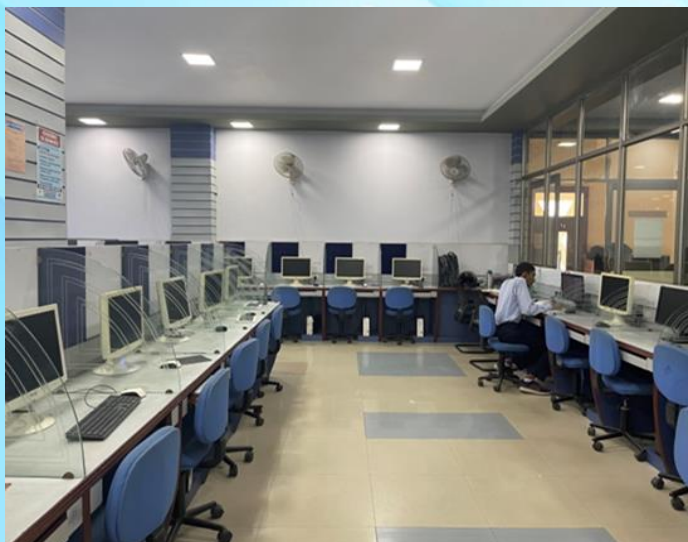
Scanners – 06

Photocopiers -1

Video Conferencing Systems-1

Wifi Devices = 30 Bio Metric Device = 2

CCTV Cameras - 106



IT Resources

Services

WiFi Bandwidth –

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

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

Microsoft Exchange mail server: managed by Hash Technologies

WiFi Facility throughout the campus: yes

Website hosting all Website Details: managed by Hash Technologies

Software

Licensed Software :-

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

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

IT Resources

Applica- tion Soft- ware	Department	Software
	Library	Software(LIBMAN 5.3).
	AUE	Autocad 2005-win Student edu – single user License. CATIA V5 (ED2) Academic Latest Edition licensesIncluding one (01) year ALC – 05 User Bundle(Perpetual 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



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Department of Basic Science and Humanities

ANNUAL REPORT 2020-21

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 Institute of Technology and Sports Complex.

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 Institute of Technology and Sports Complex

Department of Basic Science & Humanities

BASIC SCIENCE & HUMANITIES DEPARTMENTAL NEWS AT A GLANCE

- Mr. Vivek Shaw Received JIS Samman 2021 best Lecture Video Demonstration in Institutional Level
- Mr. Vivek Shaw Attended in 5 Days Faculty Development Program on Latex with Hands on Experience & Innovative Teaching in Digital Environment, organized by GNIT.
- Mr. Vivek Shaw Attended a webinar on International Conference on Innovation quality Enrichment and Excellence in Education , Organized by JIS University
- Mr. Vivek Shaw Attended a webinar on The Art of creating instructional video, organized by JISCE
- Mr. Vivek Shaw Attended a webinar on Recent advances in Mathematics, organized by West Bengal State University.
- Mr. Vivek Shaw attained a webinar on Creativity Talent & Excellence organized by JISU.
- Mr. Vivek Shaw attained a webinar on Remote online proctored examination organised by Hiremee.
- Mr. Vivek Shaw attained a webinar on Preparing students for the future of work organized by CNBC-TV18
- Mr. Vivek Shaw attained a webinar on Education Tech summit organised by CNBC-TV18
- Mr. Vivek Shaw attained a webinar on COVID 19 and our responsibility organized by GNIDSR
- Mr. Vivek Shaw attained a webinar on Mathematical Modeling: Theory and Applications organized by West Bengal State University.
- Dr Biswajit Gayen Attended in 5 Days Faculty Development Program on Entrepreneurship Development organized by Sathyabama Institute of Science and Technology, Chennai
- Dr Biswajit Gayen published a Journal “The History of Synthetic Organic Chemistry: A Journey from Urea to Taxol” on Institute of Science, Education and Culture

Department of Basic Science & Humanities

BASIC SCIENCE & HUMANITIES DEPARTMENTAL NEWS AT A GLANCE

- Dr Biswajit Gayen completed a Course Pericyclic reaction and organic photochemistry on NPTEL.
- Dr Biswajit Gayen attended a webinar on Design and Applications of Artificial Molecular Machine and “Origin and Evaluation of RNAs and Proteins: A Case Study organized by Raja Peary Mohan College, Hoogly
- Dr Biswajit Gayen attended a webinar on Today's Undergraduate Chemistry and Future Prospects organized by Bethune College, Kolkata
- Dr Biswajit Gayen attended a webinar on An Introduction to Quantum Information & Quantum Computation organised by Raja Peary Mohan College, Hoogly
- Dr Biswajit Gayen attended a webinar on Fundamentals of Infection, Immunity and Vaccine organized by Fakir Chand College
- Dr Biswajit Gayen attended a webinar on Introductory Seminar on Astrophysics and Cosmology organized by ICARD, NBU
- Ms. Pallabi Bose attended a 5 days FDP on Latex with Hands on Experience and Innovative Teaching in Digital environment, organized by GNIT
- Ms. Pallabi Bose attended a webinar on Tools for making your thesis complete organized by Usha Rama College of Engineering & Technology
- Ms. Pallabi Bose attended a webinar on A simple model for how irregular solar strength changed the ice ages in the past organized by JISCE
- Ms. Pallabi Bose attended a webinar on Seven Bridges of Königsberg an over 250 years old problem and the research topics it started and its relevance in modern times organized by JISCE

Department of Basic Science & Humanities

- Dr Ruchi Shaw attended a 5 days FDP on Latex with Hands on Experience and Innovative Teaching in Digital environment, organized by GNIT
- Dr Ruchi Shaw attended a webinar on Entrepreneurship organised by ABP Education
- Dr Ruchi Shaw attended a webinar on Nano-Biotechnology enabled biomedical sensor devices for point of care disease diagnosis & the effectiveness of protected areas in biodiversity conservation in Tunisia organized by Rajendranath College of Polytechnic
- Dr Ruchi Shaw published a Journal Creating Synergy of Microporous Hydrophilic– Organophilic Surfaces in Zeolite@Nano-Titania Particles for Rapid Removal of Diverse Pollutants in Water on 4th November 2020, Advanced Materials Interfaces, Wiley
- Dr Ruchi Shaw published a Journal Enhancing corrosion stability and shelf life of nanoscale zerovalent iron via encapsulation in porous Ze-TiO₂ matrix: An interface for simultaneous oxidation and adsorption of As(III) on 20th December 2020, Colloids and Surfaces A: Physicochemical and Engineering Aspects, Elsevier
- Ms Nibedita Biswas attended a 5 days FDP on Stress Management, organized by ATAL.
- Dr Bipasha Bhowmick attended a 5 days FDP on Multidisciplinary approach towards emerging trends in science and humanities organized by Ramachandra College of Engineering
- Dr Bipasha Bhowmick attended a 5 days FDP on Quantum Computing organised by NIT PATNA in association with Microsoft
- Dr Bipasha Bhowmick attended a 5 days FDP on Quantum Information and Computation organised by NIT sikkim
- Dr Bipasha Bhowmick attended a webinar on Machine learning in Physics organised by West Bengal state University
- Dr Bipasha Bhowmick attended a webinar on Artificial Intelligence Emerging Future in Present Era organised by Vivekananda College
- Dr Bipasha Bhowmick attended a webinar on The Story of Gravity: From the Apple to the Black Hole and the Gravitational Wave organized by Dinabandhu Mahavidyalaya & IQAC
- Dr Bipasha Bhowmick attended a webinar on Career Development Scheme organised by IQAC cell, Siddhinath Mahavidyalaya
- Dr Bipasha Bhowmick attended a 5days webinar on Novel Materials & Devices for Supercomputing organised by National Institute of Science & Technology, Berhampur
- 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.

Department of Basic Science & Humanities

- Dr Dipankar Das Participated in **National webinar (virtual) on “Emotional Intelligence”** organized by Department of Applied Physics, Jabalpur Engineering College, Jabalpur under Atma nirbhar Madhya Pradesh Policy sponsored by TEQIP III, dated on 28th September, 2020.
- Dr Dipankar Das Completed 5-day online FDP on “Foundation and Advancements in Cyber Security” during 4th -8th May, 2021, organized by Greater Kolkata College of Engineering and Management in association with A.K. Choudhury School of Information Technology, C.U.
- Dr Dipankar Das Completed 5-day online workshop on Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education” during 2-6 November, 2020, organized by All India Council for Technical Education(AICTE).
- 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 Innovation Ambassador training (Foundation Level, Total 16 Sessions of 30 contact hours) conducted by MoE's Innovation Cell & AICTE during the period from 30th June - 30th July 2021 in online mode.
- Dr Dipankar Das Completed Online Short Term Training Program on “Emerging Tools and Technologies in Material Science and Engineering” organized by Department of Applied Physics, Jabalpur Engineering College, Jabalpur, Madhya Pradesh, India during 21st-25th September 2020.
- Dr. Srijata Mukherjee attended a 5 days FDP on Latex with Hands on Experience and Innovative Teaching in Digital environment, organized by GNIT
- Dr Srijita Mukherjee attended a webinar on Entrepreneurship organised by ABP Education
- Mr Anindya Chakraborty attended a 5 days FDP on Stress Management, organized by ATAL.
- Mr Nilanjan Singha Roy attended a 5 days FDP on Stress Management, organized by ATAL.
- Mr Rama Prasad Patra attained a webinar on A simple model for how irregular solar strength changed the ice ages in the past organized by JISCE
- Mr Rama Prasad Patra attained a webinar on Seven Bridges of Konigsbergan over 250 years old problem and the research topics it started and its relevance in modern times organized by JISCE
- Ms Mohuya Mukherjee attained a webinar on A simple model for how irregular solar strength changed the ice ages in the past organized by JISCE
- Ms. Mohuya Mukherjee attained a webinar on Seven Bridges of Konigsbergan over 250 years old problem and the research topics it started and its relevance in modern times organized by JISCE

Department of Basic Science & Humanities

BASIC SCIENCE AND HUMANITIES DEPARTMENTAL NEWS AT A GLANCE

- Mr. Bidyut Majumder attended a webinar on A simple model for how irregular solar strength changed the ice ages in the past organized by JISCE
- Mr. Bidyut Majumder attended a webinar on Seven Bridges of Konigsbergan over 250 years old problem and the research topics it started and its relevance in modern times organized by JISCE
- Mr Rakesh Kumar Singh attended a webinar on A simple model for how irregular solar strength changed the ice ages in the past organized by JISCE
- Mr Rakesh Kumar Singh attended a webinar on Seven Bridges of Konigsbergan over 250 years old problem and the research topics it started and its relevance in modern times organized by JISCE
- Ms. Namrata Pandey Attended in 5 Days Faculty Development Program on Stress Management, organized by ATAL
- Ms. Ritam Bhattacharjee attended a webinar on A simple model for how irregular solar strength changed the ice ages in the past organized by JISCE
- Ms. Ritam Bhattacharjee attended a webinar on Seven Bridges of Konigsbergan over 250 years old problem and the research topics it started and its relevance in modern times organized by JISCE

Department of Basic Science & Humanities

BASIC SCIENCE & HUMANITIES DEPARTMENTAL NEWS AT A GLANCE

- Department of Basic Science & Humanities has organized a Digital Parent Teacher Meet on 10.09.2020 from 7 pm onwards for the Students of B.Tech 1st year Students in the Google meet platform
- Department of Basic Science & Humanities has successfully conducted the Induction Program, 2020 for newly admitted 1st year students.
- Department of Basic Science & Humanities of Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex 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" in the month of may 2020.
- Department of Basic Science & Humanities has organized a cultural programme for Pre Puja celebration "ANJALI"
- Department of Basic Science & Humanities take initiations for awareness on Rastriya Ekta Diwas
- Department of Basic Science & Humanities has organized a cultural programme to celebrate Mother Language day on 21st February, 2021.

Department of Basic Science & Humanities

BASIC SCIENCE AND HUMANITIES Departmental achievements

- Department of Basic Science and Humanities organized a webinar on Simple Techniques for Stress Management, 6th July 2020, in collaboration with Brahma Kumaris
- Department of Basic Science and Humanities organized a webinar on Idea - O - Meter: Grooming, 18th July 2020, speaker Ms. Aakansha Manglani
- More than 50 1st year students do several courses and earned certificates on NPTEL platform.
- Simran Sharma, a 1st year CSE student awarded 1st position in virtual dance intercollege competition.
- Mr Anubhav Mishra, a 1st year CSE student awarded 3rd position in virtual inter college debate competition.

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

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

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

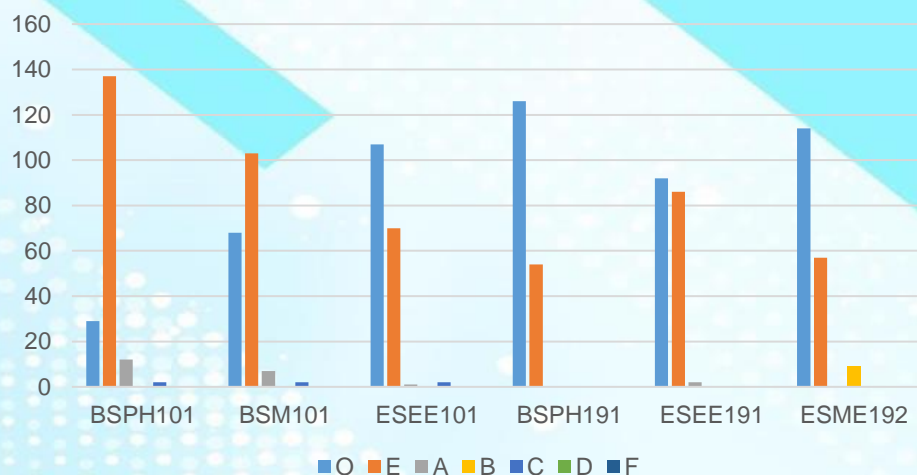
Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Department of Basic Science and Humanities

Result Analysis 2020-21

Department of Basic Science and Humanities

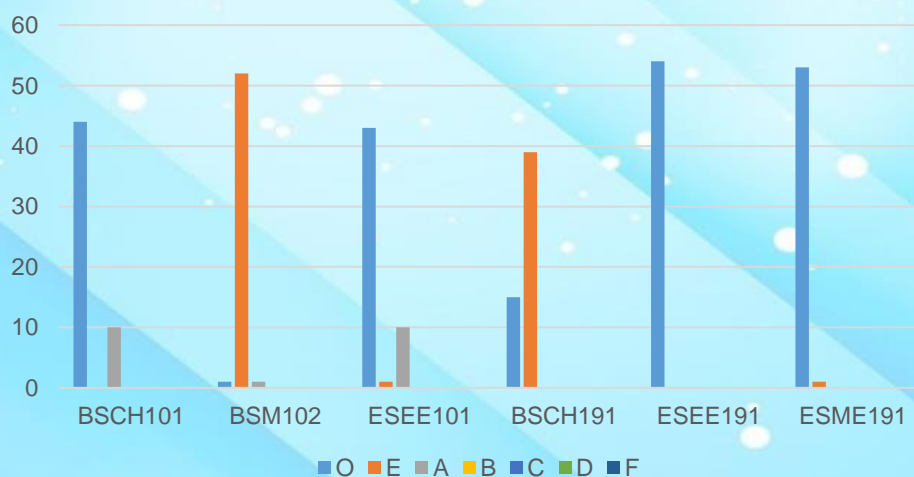
CSE, 1st Semester



CSE, 2nd Semester



ECE, 1st semester

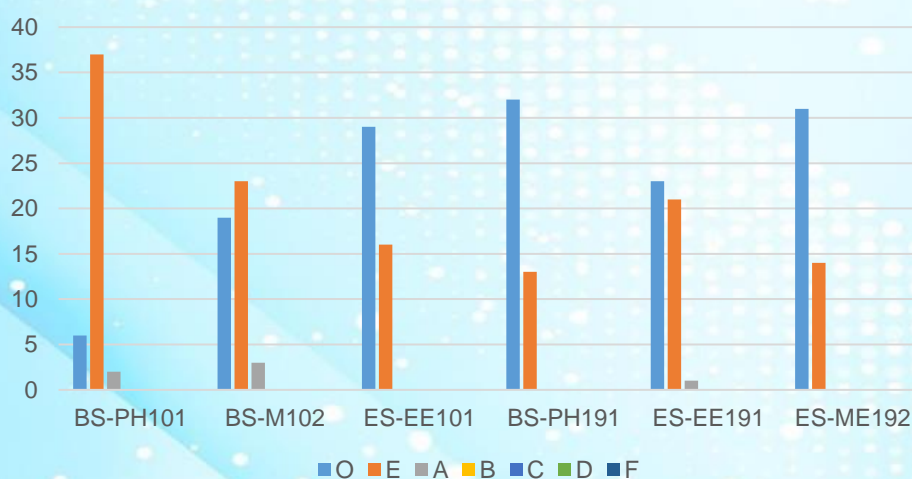


Department of Basic Science and Humanities

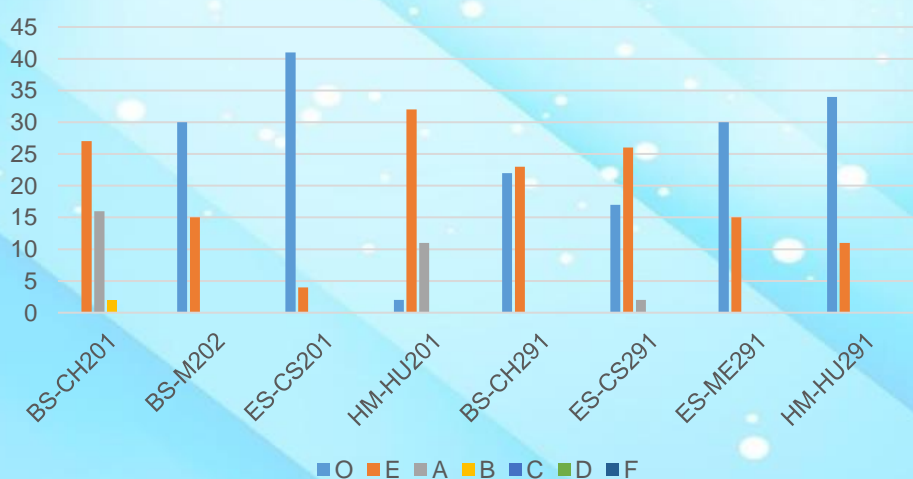
ECE, 2nd semester



AUE, 1st semester

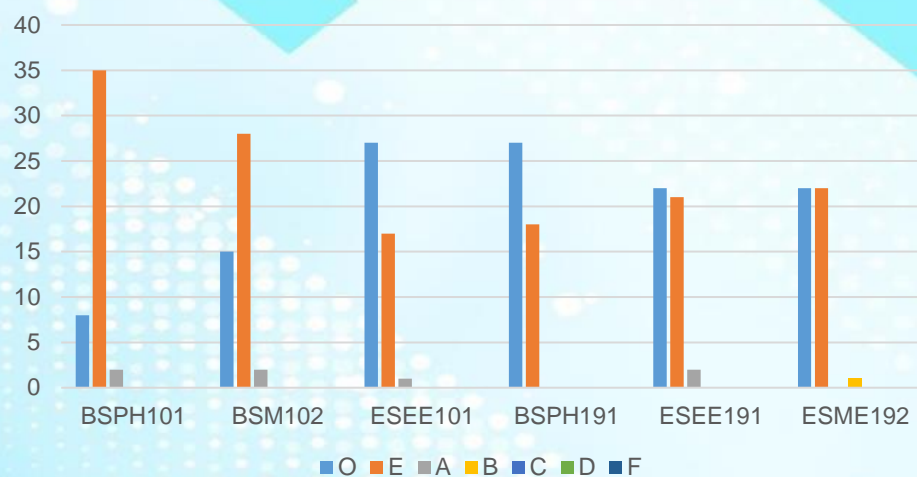


AUE, 2nd semester

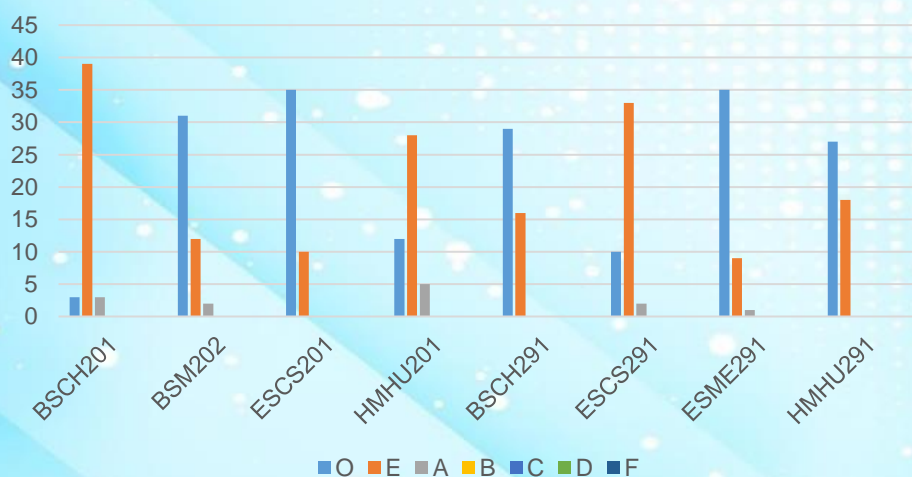


Department of Basic Science and Humanities

CE, 1st semester



CE, 2nd semester



DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

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Department of Civil Engineering

ANNUAL REPORT 2020-21

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: Students 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: Students 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: Students 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 INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX was established in the year 2012. It offers comprehensive programs in both B.Tech and Diploma Engineering courses. Our department boasts robust infrastructure, bolstered by cutting-edge laboratories. Our team comprises accomplished academics hailing from prestigious institutions such as IIT, NIT, IEST, JU, and other renowned establishments. We are committed to nurturing holistic development through industrial visits, seminars, workshops, debates, quizzes, and various community initiatives.

Embedded within our academic curriculum are soft skill programs that enhance students' employability prospects. To ensure continuous academic monitoring and attendance, we regularly conduct parent-teacher meetings. For enhanced feedback, mentor-mentee interactions occur periodically within the department.

Beyond the curriculum, we engage students in laboratory experiments that surpass syllabus requirements, inviting experts and scientists from reputable organizations. Every mentor in the department encourages students to complete NPTEL online courses. Our campus features a remarkable indoor stadium, hosting annual sports events and college tournaments, encompassing both outdoor and indoor games. Students display active participation in academic, cultural, and sports competitions.

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

Department of Civil Engineering

HOD Message

Esteemed colleagues and students,

I am elated to address you as the Head of the Civil Department and share my enthusiasm for the remarkable strides and accomplishments we have achieved collectively. As we embark on a new chapter in this academic year, I extend my warmest salutations and convey my heartfelt gratitude for your unwavering dedication and pursuit of excellence. The Civil Department has always been a bastion of innovation and knowledge within our institution, and this newsletter stands as a tribute to the outstanding feats and contributions made by our esteemed faculty, staff, and students. Through this platform, our intention is to spotlight the triumphs of our department, impart valuable insights, and cultivate a sense of unity and

collaboration. Our department boasts a legacy of producing proficient and adept civil engineers who leave an indelible mark on society. In our onward journey, let us steadfastly uphold the principles of integrity, professionalism, and ethical accountability that define our field.

Within these pages, we will illuminate the diverse spectrum of research and academic pursuits undertaken by our faculty and students. From avant-garde research initiatives to impactful community endeavours, each undertaking reflects our commitment to effecting positive change in the world. Amidst the global challenges of climate change and urbanization, civil engineering assumes a pivotal role in shaping a sustainable and resilient future. Let us utilize this platform to engage in discourse about the role of civil engineering in advocating sustainability, environmental preservation, and comprehensive development.

Department of Civil Engineering

Beyond academic milestones, this newsletter will also showcase narratives that celebrate the vibrant culture and camaraderie of our department. From workshops and seminars to extracurricular accomplishments and student triumphs, our aim is to present a holistic panorama of our department's growth.

I strongly encourage each and every one of you to play an active role in shaping this newsletter. Your insights, contributions, and feedback are invaluable in crafting a genuine representation of our department's ethos. Let us partake in candid conversations, share our experiences, and inspire each other to ascend to new pinnacles of excellence. My gratitude extends to our exceptional faculty and staff, whose unflagging endeavours and dedication lay the foundation for nurturing the upcoming generation of civil engineers. Equally, I am immensely proud of our students, whose passion and fervor continue to propel us forward.

To all, I extend my thanks for your unwavering support and steadfast commitment to the Civil Department. Together, let us seize the opportunities that beckon, surmount challenges, and etch a lasting legacy that shapes the trajectory of civil engineering.

Dr. Sushovan Sarkar

HOD, Department of Civil Engineering

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

Department of Civil Engineering

CIVIL DEPARTMENTAL NEWS AT A GLANCE

Dr. Biswabandhu Chatterjee has successfully supervising Ph.D. researchers in the year 2021. Topic of the research is “Performance Study of a Moving Bed Biological Reactor in a Lab-scale Media-based Aquaponics System”

Dr. Biswabandhu Chatterjee has successfully supervising Ph.D. researchers in the year 2021. Topic of the research is “GIS based monitoring of Hydrocarbon Plumes in Groundwater Zones across Central, Western, Southern, and Eastern India”

Dr. Buddhadeb Bhattacharjee has successfully supervising Ph.D. researchers in the year 2020 which is ongoing. Topic of the research is “Feasibility Study of Applying Capacitive Deionization towards Low-cost Desalination Treatment of Brackish Water”

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

Dr. Biswabandhu Chatterjee has been awarded Ph.D. Degree from Indian Institute of Engineering Science and Technology (IEST), Shibpur in the year 2021.

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

Mr, Debasish Roy was pursuing Ph.D. In Jadavpur University since 2021

Mrs Nilanjana Banik was pursuing Ph.D. From Jadavpur University since 2020

Dr. Sushovan Sarkar has published a book. Sarkar, S. and Mazumder, D., 2021. Fixed Bed Hybrid Bioreactor: Theory and Practice. Springer Nature.

<https://link.springer.com/book/10.1007/978-981-33-4546-1> (Book Publication by Springer Singapore)

Department of Civil Engineering

CIVIL DEPARTMENTAL NEWS AT A GLANCE

Souvik Chakraborty has published a journal paper. Souvik Chakraborty and Subhasish Das (2020). Analysis of Arsenic Content in Groundwater over the Years of Coastal Belt at Purba Medinipur in West Bengal. Indian Science Cruiser, 34(6), pp. 22-30. <https://www.i-scholar.in/index.php/ISC/article/view/208218>

Dr. Sushovan Sarkar has published a journal paper. Aveek Ghosh, Rubaid Naskar, and Sushovan Sarkar (2021). The 2019 Novel Coronavirus (COVID-19) Pandemic: A Blessing For Planetary Health Amidst Climate Crisis. Indian Journal of Environmental Protection, 41(2), pp. 130-140. <https://www.e-ijep.co.in/41-2-130-140/>

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

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

Dr. Sushovan Sarkar has published a journal. Das, B., Sarkar, S. (2021). Sensitivity Study on the Classical Biofilm Model Using a Simplified Solution Method. In: Kumar, S., Kalamdhad, A., Ghangrekar, M. (eds) Sustainability in Environmental Engineering and Science. Lecture Notes in Civil Engineering, vol 93. Springer, Singapore. https://doi.org/10.1007/978-981-15-6887-9_4

Baibaswata Das has published a journal paper Saikat Chowdhury, Baibaswata Das, and Abhishek Hazra. Behavioural Study of R/C Natural Draught Cooling Tower under Gravity Load using Different Support Orientations. International Journal of Engineering and Advanced Technology (IJEAT), 10(1), pp. 188-193. DOI:10.35940/ijeat.A1775.1010120

Department of Civil Engineering

CIVIL DEPARTMENTAL NEWS AT A GLANCE

Mr. Baibaswata das Received JIS Samman for Highest number of Student Publication in Departmental Level

Mr. Baibaswata Das received JIS Samman for best Practical Video Demonstration in Departmental Level

Mr. Sourav Kumar Singha Received JIS Samman best Lecture Video Demonstration in Institutional Level

Mr. Souvik Chakraborty Received JIS Samman for Highest Number of Publication in

Departmental Level

Dr. Abhijit Kundu Attended in 5 Days Faculty Development Program on Smart Practices Towards Tomorrow's Electric Power Paradigm organized by Gargi Memorial Institute of Technology from 25.05.2021 to 29.05.2021.

Dr. Abhijit Kundu Attended in 5 Days Faculty Development Program on Advancement of Intelligent System and Computation organized by JIS College of Engineering from 20.04.2021 to 24.04.2021.

Dr. Abhijit Kundu Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021.

Mr. Baibaswata Das Attended in 5 Days Faculty Development Program on Managing Workplace Stress and Development Employee Wellbeing organized by IBM in association with Centre Spirituality and Wisdom, GLA, University, Mathura, from 15.03.2021 to 20.03.2021.

Mr. Baibaswata das Attended in 5 Days Faculty Development Program on IoT Applications in Smart Grid System organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Department of Civil Engineering

CIVIL DEPARTMENTAL NEWS AT A GLANCE

Mr. Baibaswata Das Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021.

Mr. Souvik Chakraborty Attended in 5 Days Faculty Development Program on Smart Practices Towards Tomorrow's Electric Power Paradigm organized by Gargi Memorial Institute of Technology from 25.05.2021 to 29.05.2021

Mr. Souvik Chakraborty Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021.

Mr. Souvik Chakraborty Attended in 5 Days Faculty Development Program on IoT Applications in Smart Grid System organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Mr. Debasish Roy Attended in 5 Days Faculty Development Program on Smart Practices Towards Tomorrow's Electric Power Paradigm organized by Gargi Memorial Institute of Technology from 25.05.2021 to 29.05.2021

Mr. Debasish Roy Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021

Mr. Debasish Roy Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021

Ms. Nilanjana Banik Attended in 5 Days Faculty Development Program on Smart Practices Towards Tomorrow's Electric Power Paradigm organized by Gargi Memorial Institute of Technology from 25.05.2021 to 29.05.2021

Ms. Nilanjana Banik Attended in 5 Days Faculty Development Program on IoT Applications in Smart Grid System organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Department of Civil Engineering

CIVIL DEPARTMENTAL NEWS AT A GLANCE

Ms. Nilanjana Banik Attended in 5 Days Faculty Development Program on Advancement of Intelligent System and Computations organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Mr. Krishnendu Kundu Attended in 5 Days Faculty Development Program on Advancement of Intelligent System and Computations organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Mr. Krishnendu Kundu Attended in 5 Days Faculty Development Program on Managing Workplace Stress and Development Employee Wellbeing organized by IBM in association with Centre Spirituality and Wisdom, GLA, University, Mathura, from 15.03.2021 to 20.03.2021

Mr. Krishnendu Kundu Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021

Dr. Sushovan Sarkar Attended in 5 Days Faculty Development Program on Advancement of Intelligent System and Computations organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Dr. Sushovan Sarkar Attended in 5 Days Faculty Development Program on IoT Applications in Smart Grid System organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Dr. Suhovan Sarkar Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021

Mr. Prasun Seal Attended in 5 Days Faculty Development Program on Managing Workplace Stress and Development Employee Wellbeing organized by IBM in association with Centre Spirituality and Wisdom, GLA, University, Mathura, from 15.03.2021 to 20.03.2021

Department of Civil Engineering

CIVIL DEPARTMENTAL NEWS AT A GLANCE

Mr. Prasun Seal Attended in 5 Days Faculty Development Program on IoT Applications in Smart Grid System organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Mr. Prasun Seal Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021

Dr. Biswabandhu Chatterjee Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021

Dr. Biswabandhu Chatterjee Attended in 5 Days Faculty Development Program on IoT Applications in Smart Grid System organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Dr. Biswabandhu Chatterjee Attended in 5 Days Faculty Development Program on Advancement of Intelligent System and Computations organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Department of Civil Engineering organized 5 Day's Workshop on "Application of Renewable Energy in Civil Engineering" from December 23, 2020, to December 28, 2020 in virtual platform.

Department of Civil Engineering conducted 1-month virtual In-house Internship for the students of CE 2021 batch.

The Civil Engineering Department of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex organized an informative virtual industrial visit to "SOUTHERN HEIGHTS," on 17.10.2020. for B.Tech 3rd and 4th Year students

Civil Engineering Department of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex organized an insightful virtual industrial visit to the "Rare Earth Project" developed by M/S Prasad Group. The project encompasses 12.5 lacs sq. ft. of construction on a 12-acre area in Phoolbagan, Kolkata on 04.06.2021

Department of Civil Engineering

CIVIL DEPARTMENTAL NEWS AT A GLANCE

Students of Department of Civil Engineering of Dr. Sudhir Chandra Sur Degree Engineering College has published E-magazine titled "CHALLENGE".

Students of Department of Civil Engineering of Dr. Sudhir Chandra Sur Degree Engineering College has published E-magazine titled "KINETIC FOOTFALL"

Students Department of Civil Engineering published the annual technical magazine titled "CIVIL REVIEW" volume 7 on 12.02.2021.

Department of Civil Engineering in association with IGBC Student chapter organized an Innovative Idea Competition on 28.11.2020 in virtual mode.

Department of Civil Engineering

Departmental achievements

Student's achievements :

Ms. Debyasmita Sarkar, B.Tech CE 2021 Passout Received JIS Samman for Highest Number of Publication in Institutional level

Saikat Choudhury (2016-20) authored article "Behavioral Study of R/C Natural Draught Cooling Tower under Gravity Load using Different Support Orientations" published in International Journal of Engineering and Advanced Technology (IJEAT) Vol 10, Issue-1, pp 188-193

Mr. Suvrajit Banerjee, student of CE Dept. 2022 batch received 1st prize in Interdepartmental Innovative Idea Competition organized by Department of CE.

Mr. Debadri Saha student of CE Department 2023 Batch received 2nd prize in Interdepartmental Innovative Idea Competition organized by Department of CE.

Sahana Ray student of CE Dept. 2023 batch awarded 2nd place in Inter college art competition organized by JIS University.

Suvrajit Banerjee student of CE Dept. 2022 batch awarded 3rd place in Inter college debate competition organized by Brainware University.

Soumita Borah student of CE Dept. 2021 batch awarded 3rd place in Inter College Chess competition organized by JIS University

Suvrajit Banerjee student of CE Dept. 2022 batch awarded 1st place in Inter college chess competition organized by Kaziranga University, Koraikhowa.

Appayan Acharjee student of CE Dept. 2021 batch awarded 1st runner of Inter-College Debate Competition organized by Krishnagar Adhyatmik Vishwavidyalaya, Rawly.

Debyasmita Sarkar student of CE Dept. 2021 batch got opportunity to study to study MBA in Regional College of Management, Bangalore.

Debobrata Kar student of CE Dept. 2021 batch got opportunity to study MBA in Construction Management in NICMAR.

Department of Civil Engineering

Departmental achievements

Student's achievements :

Tanujit Malakar, Sudhir Bhattacharya students of CE Dept. 2021 batch got opportunity to study M.Tech in GeoInformatics in Maulana Abul Kalam Azad University of Technology.

Mrinal Kumar Saha, Sayan Singha Roy, Arjab Baran Khan, Sukdev Paul students of CE Dept. 2021 batch got opportunity to study M.Tech in Structural Analysis in Narula Institute of Technology.

Arnab Raha, student of CE Dept. 2021 batch got opportunity to study M.Tech in GeoTechnical Engineering in Narula Institute of Technology.

Indrajit Paul student of CE Dept. 2021 batch got opportunity to study MBA in Institute of Engineering and Management (IEM).

Samrat Saha student of CE Dept. 2021 batch got opportunity to study MBA in ICFAI University.

Students of CE Department pledge and dedicate themselves to preserve and strengthen the ideals as epitomized by the Unity day on 31st October, 2020.

Department of Civil Engineering

Departmental achievements

Faculty's achievements :

Dr. Biswabandhu Chatterjee has successfully supervising Ph.D. researchers in the year 2021. Topic of the research is "Performance Study of a Moving Bed Biological Reactor in a Lab-scale Media-based Aquaponics System"

Dr. Biswabandhu Chatterjee has successfully supervising Ph.D. researchers in the year 2021. Topic of the research is "GIS based monitoring of Hydrocarbon Plumes in Groundwater Zones across Central, Western, Southern, and Eastern India"

Dr. Buddhadeb Bhattacharjee has successfully supervising Ph.D. researchers in the year 2020 which is ongoing. Topic of the research is "Feasibility Study of Applying Capacitive Deionization towards Low-cost Desalination Treatment of Brackish Water"

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

Dr. Biswabandhu Chatterjee has been awarded Ph.D. Degree from Indian Institute of Engineering Science and Technology (IIST), Shibpur in the year 2021.

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

Mr, Debasish Roy was pursuing Ph.D. In Jadavpur University since 2021

Mrs Nilanjana Banik was pursuing Ph.D. From Jadavpur University since 2020

Dr. Sushovan Sarkar has published a book. Sarkar, S. and Mazumder, D., 2021. Fixed Bed Hybrid Bioreactor: Theory and Practice. Springer Nature.

<https://link.springer.com/book/10.1007/978-981-33-4546-1> (Book Publication by Springer Singapore)

Souvik Chakraborty has published a journal paper. Souvik Chakraborty and Subhasish Das (2020). Analysis of Arsenic Content in Groundwater over the Years of Coastal Belt at Purba Medinipur in West Bengal. Indian Science Cruiser, 34(6), pp. 22-30. <https://www.i-scholar.in/index.php/ISC/article/view/208218>

Dr. Sushovan Sarkar has published a journal paper. Aveek Ghosh, Rubaid Naskar, and Sushovan Sarkar (2021). The 2019 Novel Coronavirus (COVID-19) Pandemic: A Blessing For Planetary Health Amidst Climate Crisis. Indian Journal of Environmental Protection, 41(2), pp. 130-140. <https://www.e-ijep.com.in/41-2-130-140/>

Department of Civil Engineering

Departmental achievements

Faculty's achievements :

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

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

Dr. Sushovan Sarkar has published a journal. Das, B., Sarkar, S. (2021). Sensitivity Study on the Classical Biofilm Model Using a Simplified Solution Method. In: Kumar, S., Kalamdhad, A., Ghangrekar, M. (eds) Sustainability in Environmental Engineering and Science. Lecture Notes in Civil Engineering, vol 93. Springer, Singapore. https://doi.org/10.1007/978-981-15-6887-9_4

Baibaswata Das has published a journal paper Saikat Chowdhury, Baibaswata Das, and Abhishek Hazra. Behavioural Study of R/C Natural Draught Cooling Tower under Gravity Load using Different Support Orientations. International Journal of Engineering and Advanced Technology (IJEAT), 10(1), pp. 188-193. DOI:10.35940/ijeat. A1775.1010120

Mr. Baibaswata das Received JIS Samman for Highest number of Student Publication in Departmental Level

Mr. Baibaswata Das received JIS Samman for best Practical Video Demonstration in Departmental Level

Mr. Sourav Kumar Singha Received JIS Samman best Lecture Video Demonstration in Institutional Level

Mr. Souvik Chakraborty Received JIS Samman for Highest Number of Publication in Departmental Level

Dr. Abhijit Kundu Attended in 5 Days Faculty Development Program on Smart Practices Towards Tomorrow's Electric Power Paradigm organized by Gargi Memorial Institute of Technology from 25.05.2021 to 29.05.2021.

Department of Civil Engineering

Departmental achievements

Faculty's achievements :

Dr. Abhijit Kundu Attended in 5 Days Faculty Development Program on Advancement of Intelligent System and Computation organized by JIS College of Engineering from 20.04.2021 to 24.04.2021.

Dr. Abhijit Kundu Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021.

Mr. Baibaswata Das Attended in 5 Days Faculty Development Program on Managing Workplace Stress and Development Employee Wellbeing organized by IBM in association with Centre Spirituality and Wisdom, GLA, University, Mathura, from 15.03.2021 to 20.03.2021.

Mr. Baibaswata das Attended in 5 Days Faculty Development Program on IoT Applications in Smart Grid System organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Mr. Baibaswata Das Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021.

Mr. Souvik Chakraborty Attended in 5 Days Faculty Development Program on Smart Practices Towards Tomorrow's Electric Power Paradigm organized by Gargi Memorial Institute of Technology from 25.05.2021 to 29.05.2021

Mr. Souvik Chakraborty Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021.

Mr. Souvik Chakraborty Attended in 5 Days Faculty Development Program on IoT Applications in Smart Grid System organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Mr. Debasish Roy Attended in 5 Days Faculty Development Program on Smart Practices Towards Tomorrow's Electric Power Paradigm organized by Gargi Memorial Institute of Technology from 25.05.2021 to 29.05.2021

Mr. Debasish Roy Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021

Department of Civil Engineering

Departmental achievements

Faculty's achievements :

Mr. Debasish Roy Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021

Ms. Nilanjana Banik Attended in 5 Days Faculty Development Program on Smart Practices Towards Tomorrow's Electric Power Paradigm organized by Gargi Memorial Institute of Technology from 25.05.2021 to 29.05.2021

Ms. Nilanjana Banik Attended in 5 Days Faculty Development Program on IoT Applications in Smart Grid System organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Ms. Nilanjana Banik Attended in 5 Days Faculty Development Program on Advancement of Intelligent System and Computations organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Mr. Krishnendu Kundu Attended in 5 Days Faculty Development Program on Advancement of Intelligent System and Computations organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Mr. Krishnendu Kundu Attended in 5 Days Faculty Development Program on Managing Workplace Stress and Development Employee Wellbeing organized by IBM in association with Centre Spirituality and Wisdom, GLA, University, Mathura, from 15.03.2021 to 20.03.2021

Mr. Krishnendu Kundu Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021

Dr. Sushovan Sarkar Attended in 5 Days Faculty Development Program on Advancement of Intelligent System and Computations organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Dr. Sushovan Sarkar Attended in 5 Days Faculty Development Program on IoT Applications in Smart Grid System organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Dr. Suhovan Sarkar Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021

Department of Civil Engineering

Departmental achievements

Faculty's achievements :

Mr. Prasun Seal Attended in 5 Days Faculty Development Program on Managing Workplace Stress and Development Employee Wellbeing organized by IBM in association with Centre Spirituality and Wisdom, GLA, University, Mathura, from 15.03.2021 to 20.03.2021

Mr. Prasun Seal Attended in 5 Days Faculty Development Program on IoT Applications in Smart Grid System organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Mr. Prasun Seal Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021

Dr. Biswabandhu Chatterjee Attended in 5 Days Faculty Development Program REACH-2021 organized by Department of CE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex from 05.04.2021 to 09.04.2021

Dr. Biswabandhu Chatterjee Attended in 5 Days Faculty Development Program on IoT Applications in Smart Grid System organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Dr. Biswabandhu Chatterjee Attended in 5 Days Faculty Development Program on Advancement of Intelligent System and Computations organized by JIS College of Engineering from 16.06.2021 to 21.06.2021

Saikat Choudhury (2016-20) authored article "Behavioural Study of R/C Natural Draught Cooling Tower under Gravity Load using Different Support Orientations" published in International Journal of Engineering and Advanced Technology (IJEAT) Vol 10, Issue-1, pp 188-193

Department of Civil Engineering

Departmental achievements

Faculty Publications :

Aveek Ghosh, Rubaid Naskar, and Sushovan Sarkar (2021). The 2019 Novel Coronavirus (COVID-19) Pandemic: A Blessing for Planetary Health Amidst Climate Crisis. Indian Journal of Environmental Protection, 41(2), pp. 130-140. <https://www.e-ijep.co.in/41-2-130-140/>

Rubaid Naskar, Sushovan Sarkar, Nityananda Ghosh, and Samir Mukherjee. (2020). Fungal contamination and exposures in different water resources, hazards and remediation. Journal of the Indian

Chemical Society, Vol. 97, No. 9b (Sept 2020), 1407–1415. <https://doi.org/10.5281/zenodo.5656681>

Chakraborty, S. and Das, S., (2020). PRESENT SCENARIO OF GROUNDWATER TABLE IN SALINE PRONE AREAS OF PURBA MEDINIPUR IN WEST BENGAL, INDIA. In: Topics in Intelligent Computing and Industry Design (ICID) 2(1) (2020) 09-13. Contemporary Issues in Computing (CIC), DOI: <http://doi.org/10.26480/cic.01.2020.09.13>

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DOI:10.35940/ijeat.A1775.1010120

Sarkar, S. and Mazumder, D., 2021. Fixed Bed Hybrid Bioreactor: Theory and Practice. Springer Nature.

<https://link.springer.com/book/10.1007/978-981-33-4546-1> (Book Publication by Springer Singapore)

Souvik Chakraborty and Subhasish Das (2020). Analysis of Arsenic Content in Groundwater over the Years of Coastal Belt at Purba Medinipur in West Bengal. Indian Science Cruiser, 34(6), pp. 22-30.

<https://www.i-scholar.in/index.php/ISC/article/view/208218>

Das, B., Sarkar, S. (2021). Sensitivity Study on the Classical Biofilm Model Using a Simplified Solution, Method. In: Kumar, S., Kalamdhad, A., Ghangrekar, M. (eds) Sustainability in Environmental Engineering and Science. Lecture Notes in Civil Engineering, vol 93. Springer, Singapore.

https://doi.org/10.1007/978-981-15-6887-9_4

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

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

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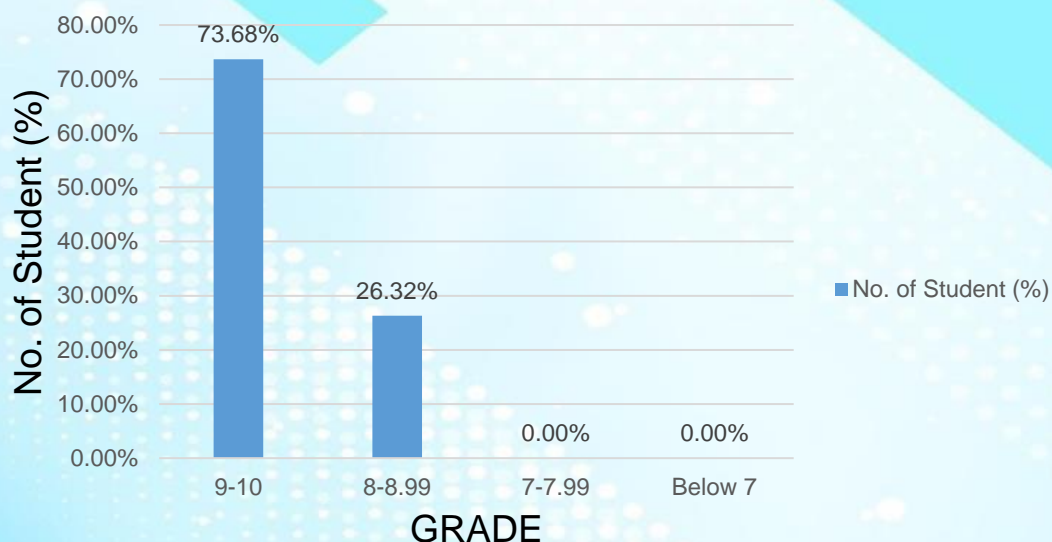
Department of Civil Engineering

Result Analysis 2020-21

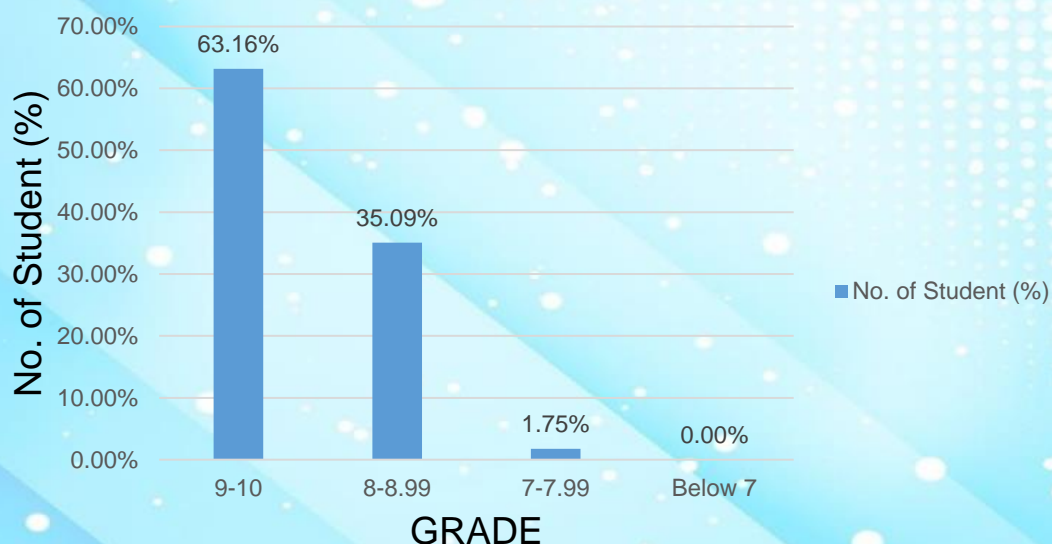
Department of Civil Engineering

2nd Year

SGPA-Wise Result Analysis (3rd Semester)



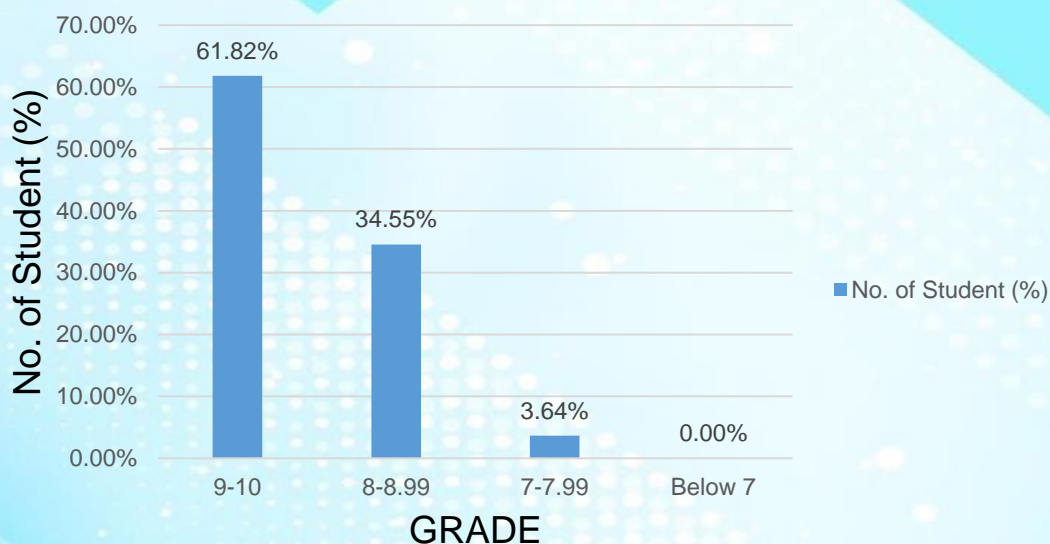
SGPA-Wise Result Analysis (4th Semester)



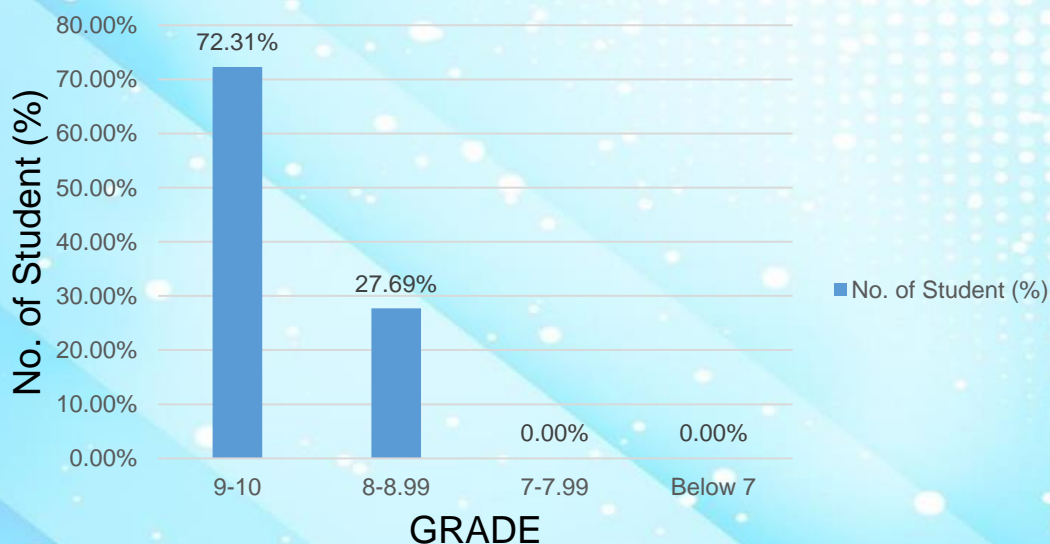
Department of Civil Engineering

3rd Year

SGPA-Wise Result Analysis (5th Semester)



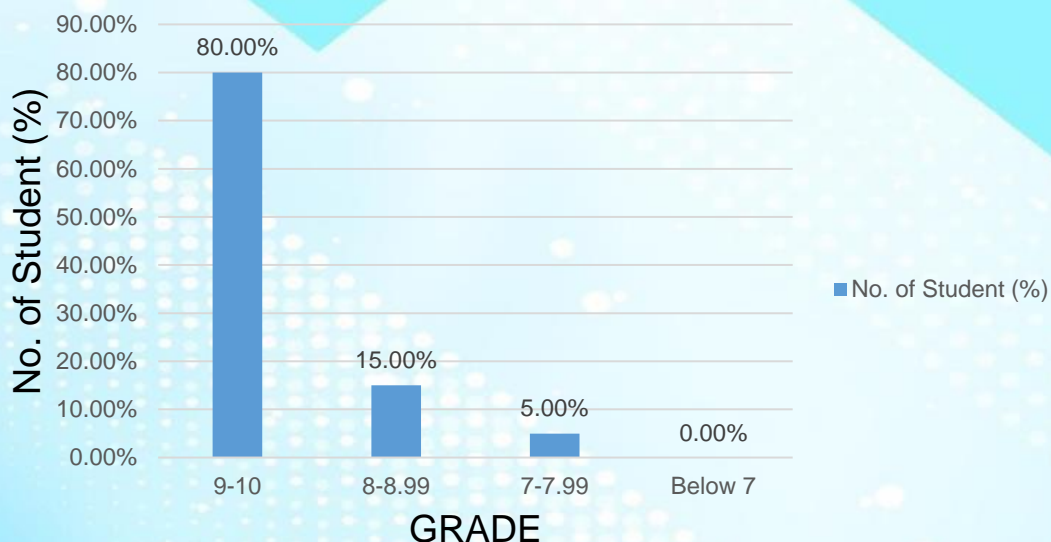
SGPA-Wise Result Analysis (6th Semester)



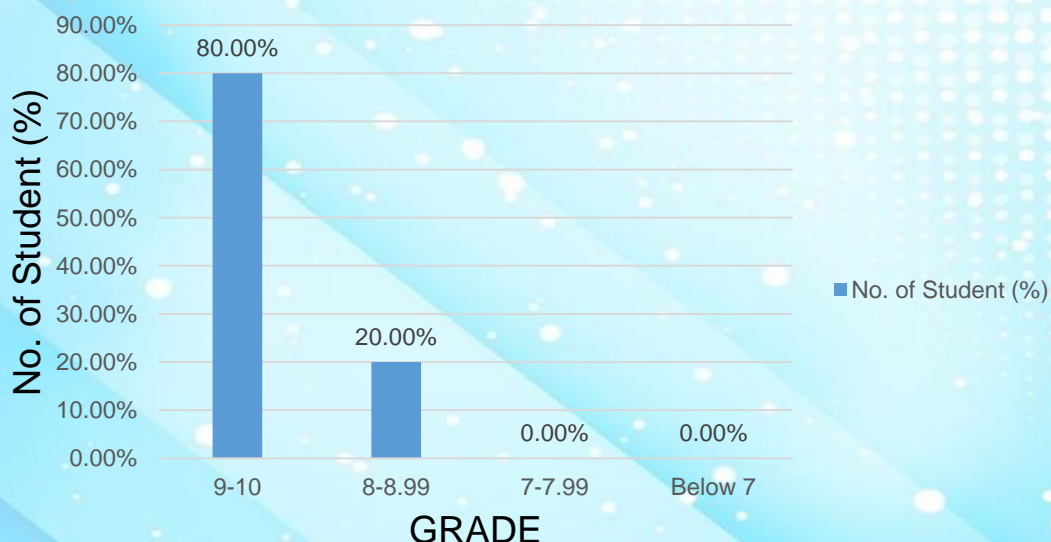
Department of Civil Engineering

4th Year

SGPA-Wise Result Analysis (7th Semester)



SGPA-Wise Result Analysis (8th Semester)



DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

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Department of Automobile Engineering

ANNUAL REPORT 2020-21

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)

• PS01: 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.

• PS02: 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.

•PS03: 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 Institute of Technology and Sports Complex initiated its Automobile Engineering Department simultaneously. 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 cultivate highly skilled and capable automotive engineers with practical experience and up-to-date knowledge of automotive technology advancements. This ensures a steady supply of qualified professionals to bridge the gap between industry demands and academic training. The department's cutting-edge laboratory facilities facilitate hands-on instruction in various specialized areas of automobile engineering. Students delve into diverse engineering disciplines, including mechanical, electrical, electronic, and industrial design, fostering a comprehensive understanding. Additionally, the department actively fosters professional growth and industry engagement among its students by supporting student chapters affiliated with prestigious organizations like the Society of Automotive Engineers (SAE).

Department of Automobile Engineering

•HOD Message

Dear colleagues and students,

I am pleased to share the Newsletter from the Automobile Engineering Department of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex. This Newsletter provides insights into all departmental activities, highlighting the involvement of our faculty members and students in various endeavours, events, and proceedings.

We believe in your ability to make the most of these opportunities in your lives. It's crucial to rise resiliently after facing challenges; it's from these moments that stories of perseverance are born. The Department of Automobile Engineering is dedicated to supporting you in all your pursuits. Therefore, focus on your coursework, pay attention to your personal growth, and strive to enhance it daily. Remember, we're here to assist you every step of the way.

As the mentor of the Automobile Engineering Department, along with our entire faculty, I assure you of our commitment to your education and well-being. We're here to support and guide you towards success.

Dr. Prasun Dutta

Head of the Department

Automobile Engineering Department, DSCSITSC

Department of Automobile Engineering

•Faculty Achievements

1. Mr. Arindam Mukherjee participated in the Online Faculty Development Program on “Additive Manufacturing” from 21/09/2020 to 05/09/2020 Organized by Vasireddy Venkatadri Institute of Technology
1. Mr. Kalyan Mukherjee participated in the Online Faculty Development Program on “Alternate Fuels” from 21/09/2020 to 25/09/2020 Organized by Don Bosco Institute of Technology
1. Mr. Shankha Ghosh participated in the Online Faculty Development Program on “Rejuvenating Learning with World Class Business Improvement Approach – Lean Six Sigma” from 28/06/2021 to 02/07/2021 Organized by Dharmaling Desai University
1. Mr. Pritam Bhattacharjee participated in the Virtual Faculty Development Program on “Emerging Trends in Mechanical Engineering” from 07/12/2020 to 11/12/2020 organized by the Department of Mechanical Engineering, Maharishi Markandeshwar

Department of Automobile Engineering

•Student Achievements



**Mahapurusha Srimanta
Sankaradeva Viswavidyalaya**

CERTIFICATE OF ACHIEVEMENT

IS HEREBY PRESENTED TO

RITWIKA SEN

From **Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex**

For winning the **SECOND PLACE** in Inter college Quiz Competition

Held on January 14, 2021.

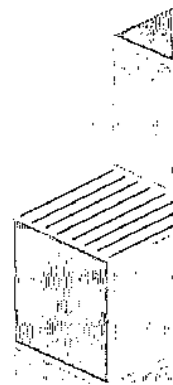
Hridul Hazanika

Vice-Chancellor



Dikshita Kakoti

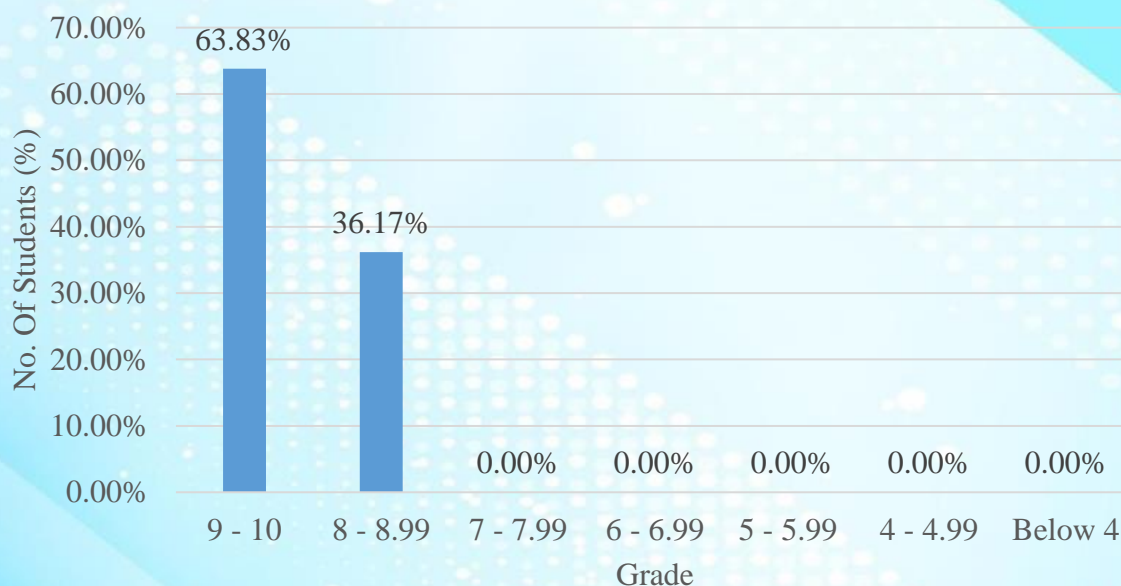
Coordinator



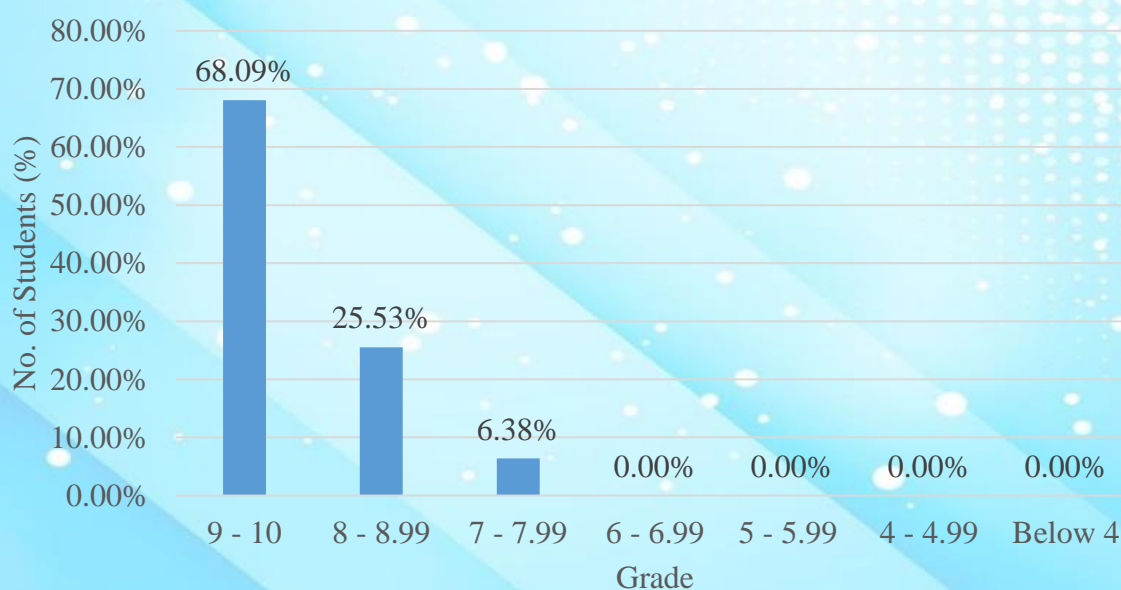
Department of Automobile Engineering

Result Analysis

YGPA wise Result Analysis (2nd Year, YGPA2)

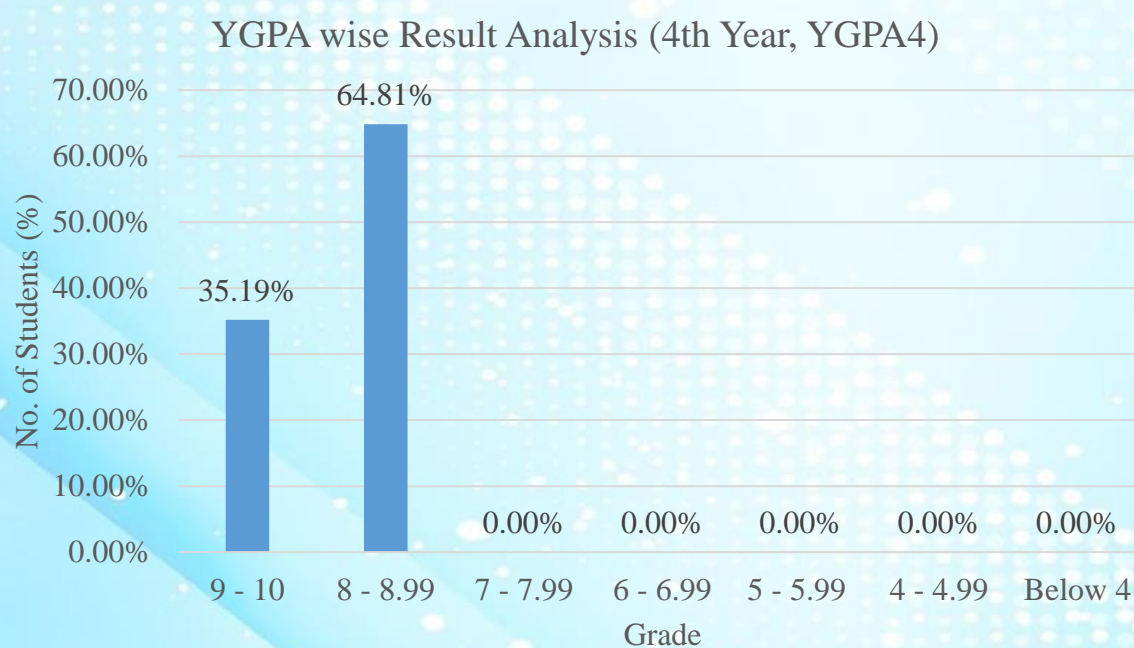


YGPA wise Result Analysis (3rd Year, YGPA3)



Department of Automobile Engineering

Result Analysis



DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

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Department of Computer Science & Engineering

ANNUAL REPORT 2020-21

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 Institute of Technology and Sports Complex

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.

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

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.

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

Topics covered included sensor interfacing, data acquisition, wireless communication protocols, and cloud integration. Participants also explored real-world IoT use cases and learned how to troubleshoot common hardware and software issues, preparing them to develop innovative IoT solutions.

Ethical Hacking (17-05-2021 to 21-05-2021)

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

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

Introduction to Django (17-05-2021 to 21-05-2021)

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

Blockchain (17-05-2021 to 21-05-2021)

This course provided participants with a comprehensive understanding of blockchain technology and its diverse applications across industries..

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

➤ FDP ATTENDED

Faculty Development Program (FDP) on Cloud Computing and Big Data Analytics

Date: 21/12/2020 to 25/12/2020

Venue: [Venue Name/Institution Name]

Organized by: [Organizing Institution/Department]

Faculty Participants:

- Madhusmita Mishra
Designation: Assistant Professor
- Debdatta Chatterjee
Designation: Assistant Professor
- Sanjoy Bhattacharjee
Designation: Assistant Professor
- Ruchira Dutta
Designation: Assistant Professor
- Rupam Panja
Designation: Assistant Professor
- Monu Bhagat
Designation: Assistant Professor
- Bandana Khan
Designation: Assistant Professor
- Arpita Saha Chowdhury
Designation: Assistant Professor
- Arnab Hazra
Designation: Assistant Professor
- Jayanta Mondal
Designation: Assistant Professor

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

- Anjan Kumar Payra

Designation: Assistant Professor

- Mallika De

Designation: Professor

- Rinku Supakar

Designation: Assistant Professor

Overview:

The Faculty Development Program (FDP) on Cloud Computing and Big Data Analytics held from 21st December 2020 to 25th December 2020 provided a comprehensive platform for faculty members to enhance their understanding and skills in these rapidly evolving domains. The program aimed to explore the latest trends, technologies, and applications in cloud computing and big data analytics, equipping participants with the knowledge required to leverage these technologies effectively in teaching and research.

Objectives:

- To familiarize faculty members with the fundamentals of cloud computing and big data analytics.
- To explore advanced concepts and techniques in cloud computing and big data analytics.
- To provide hands-on experience with relevant tools and platforms.
- To discuss the applications of cloud computing and big data analytics across various sectors.

Sessions and Activities:

The FDP featured a series of interactive sessions, workshops, and practical exercises conducted by experts in the field of cloud computing and big data analytics. The sessions covered a wide range of topics including:

- ☐ Introduction to cloud computing and its service models (IaaS, PaaS, SaaS)
- ☐ Big data fundamentals, challenges, and opportunities
- ☐ Cloud storage and data management
- ☐ Big data processing frameworks (e.g., Hadoop, Spark)
- ☐ Machine learning and data mining techniques for big data analytics
- ☐ Case studies and real-world applications of cloud computing and big data analytics

Department of Computer Science & Engineering

Departmental achievements

Student's achievements :

Inter-College Achievements

First Place Winners:

1. Quiz Competition: Ejaj Ahmed emerged victorious in the inter-college quiz competition, showcasing profound knowledge and quick thinking skills.
2. Quiz Competition: Rajarshi Chakrabarty secured the top position in the quiz competition, displaying an exceptional grasp of diverse subjects.
3. Painting Competition: Dipu Chakma exhibited unparalleled creativity and artistic flair, clinching the first place in the inter-college painting competition.
4. Debate Competition: Sagar Dutta demonstrated remarkable oratory skills and persuasive arguments, securing the first place in the inter-college debate competition.
5. Recitation Competition: Tithi Paul captivated the audience with her enchanting rendition, claiming the first position in the inter-college recitation competition.

Department of Computer Science & Engineering

Departmental achievements

Student's achievements :

Inter-College Achievements

Second Place Winners:

1. Quiz Competition: Ritwika Sen showcased her intellect and depth of knowledge, earning the second place in the fiercely contested inter-college quiz competition.
2. Debate Competition: Anwesha Sarma presented insightful arguments and eloquent speeches, securing the second position in the inter-college debate competition.

Third Place Winner:

1. Solo Singing Competition: Srishti Mishra mesmerized the audience with her melodious voice, earning the third place in the inter-college solo singing competition.

Congratulations to all the winners for their outstanding achievements, dedication, and perseverance in representing their colleges with excellence. Each participant has contributed to making the competitions a memorable and enriching experience, showcasing the talent and intellect present within the inter-college community.

Department of Computer Science & Engineering

Departmental achievements

Faculty's achievements :

Research Highlights in Computer Science and Engineering

1. Identifying Essential Proteins Using Modified-Monkey Algorithm (MMA)

- Author: Anjan Kumar Payra
- Journal: Computational Biology and Chemistry
- ISSN: 1476-9271
- Link

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

- Summary: Anjan Kumar Payra's research introduces a novel approach for identifying essential proteins using the modified-monkey algorithm (MMA). Essential proteins play pivotal roles in cellular processes and are crucial for an organism's survival. Payra's study employs computational techniques to analyze protein-protein interaction networks and predict essential proteins based on various network features and protein attributes. The results demonstrate the efficacy of the MMA algorithm in accurately identifying essential proteins, offering promising applications in biological research and drug discovery.

2. A Comparative Study of Meta Heuristic Models to Assess the Type of Breast Cancer Disease

- Author: Mallika De
- Journal: IETE Journal of Research
- ISSN: 0377-2063
- Link :

(<https://www.tandfonline.com/doi/full/10.1080/03772063.2020.1775139>)

-Summary: Mallika De's research presents a comparative study of meta heuristic models for assessing the type of breast cancer disease. Breast cancer encompasses various subtypes, each requiring accurate classification for tailored treatment approaches. De's study compares different meta heuristic models to evaluate their performance in classifying breast cancer types based on clinical data and biomarkers. The findings offer insights into the strengths and limitations of each model, guiding researchers in selecting the most suitable approach for breast cancer classification tasks.

Department of Computer Science & Engineering

Departmental achievements

Faculty's achievements :

Research Highlights in Computer Science and Engineering

3. A New Method of Lighting Using Internet of Things and Gesture

- Author: Madhusmita Mishra
- Journal: Journal of Emerging Technologies and Innovative Research
- ISSN: 2349-5162
- Link: (<https://www.jetir.org/papers/JETIR2002133.pdf>)
- Summary: Madhusmita Mishra introduces a innovative method of lighting control utilizing the Internet of Things (IoT) and gesture recognition technology. The research proposes integrating IoT devices with gesture recognition sensors to enable intuitive and responsive lighting adjustments. By analyzing hand gestures, the system dynamically adjusts lighting conditions based on user preferences and environmental factors. Mishra's study explores the potential applications of this technology in various settings, highlighting its efficiency, convenience, and energy-saving benefits.

These research highlights showcase significant contributions to the field of Computer Science and Engineering, spanning from protein essentiality prediction to breast cancer classification and smart lighting systems. Each study offers valuable insights and potential applications that contribute to the advancement of knowledge and technology in their respective domains.

Department of Computer Science & Engineering

Departmental achievements

Faculty's achievements :

Research & Publication :

Author: Madhusmita Mishra

Conference: Sustainable Environmental Engineering and Science (SEES) 2019

Year: 2020

ISBN: 978-981-15-6887-9

Publisher: Springer Singapore

Link:(https://doi.org/10.1007/978-981-15-6887-9_3)

Madhusmita Mishra's research presented at the International conference on Sustainable Environmental Engineering and Science (SEES) 2019 focuses on the critical issue of groundwater contamination prevention. Groundwater contamination poses significant environmental and public health risks, making effective prevention strategies imperative.

The research assesses various prevention methods and strategies aimed at mitigating groundwater contamination. Mishra delves into the complexities of groundwater pollution sources, including industrial activities, agricultural runoff, and improper waste disposal. By analyzing case studies and empirical data, the study evaluates the effectiveness of existing prevention measures and identifies areas for improvement.

Key findings of Mishra's research include insights into the importance of regulatory frameworks, technological advancements, and community engagement in preventing groundwater contamination. The study emphasizes the need for interdisciplinary approaches that integrate scientific research, policy development, and community outreach to address this multifaceted environmental challenge.

Overall, Mishra's research contributes valuable insights to the field of environmental engineering and science, offering practical recommendations for policymakers, environmental practitioners, and community stakeholders. By advocating for proactive measures and sustainable practices, Mishra's work aims to safeguard precious groundwater resources and promote environmental sustainability for future generations.

This research publication serves as a significant contribution to the ongoing dialogue on sustainable environmental management and underscores the importance of collective efforts in preserving and protecting our natural resources.

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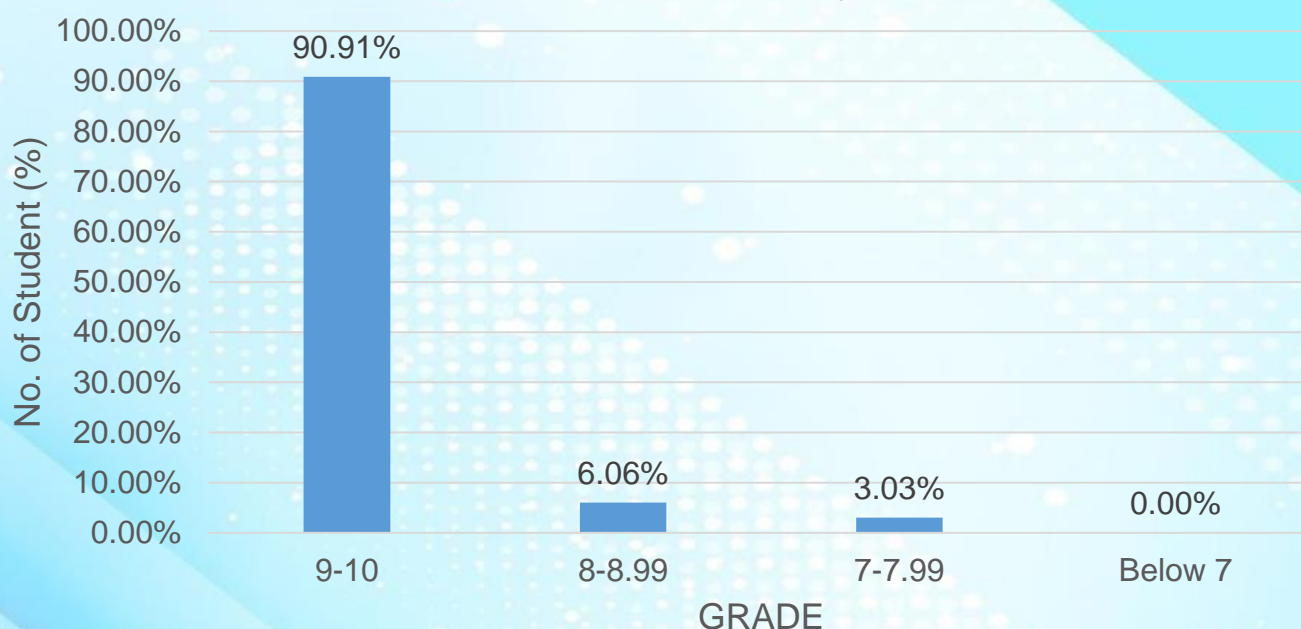
Department of Computer Science & Engineering

Result Analysis 2020-21

Department of CSE

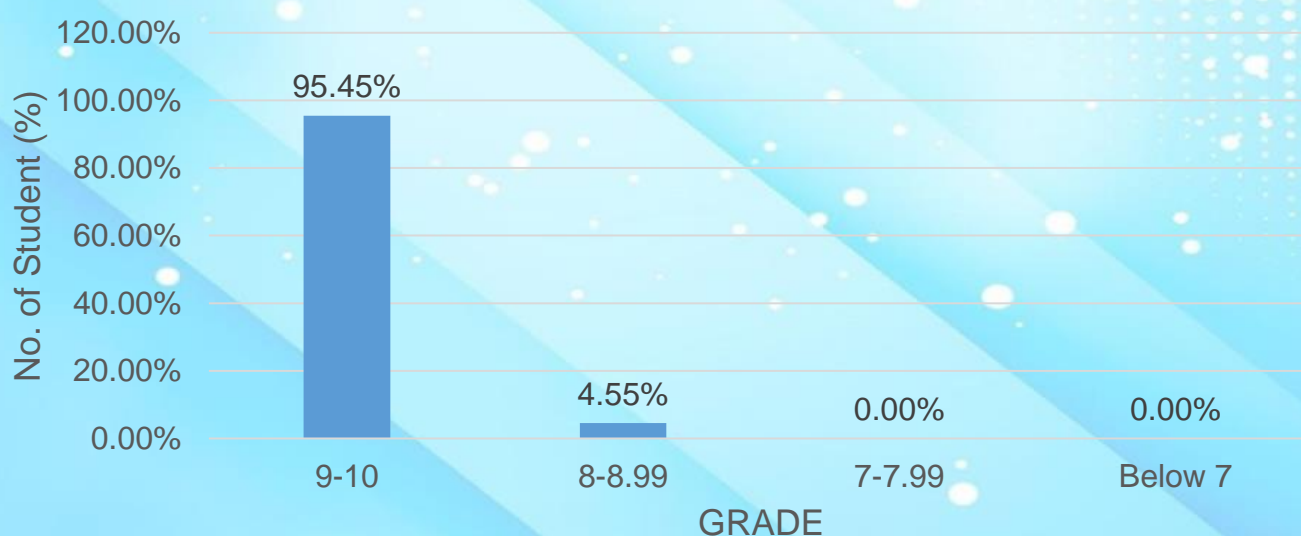
3rd Semester

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



4th Semester

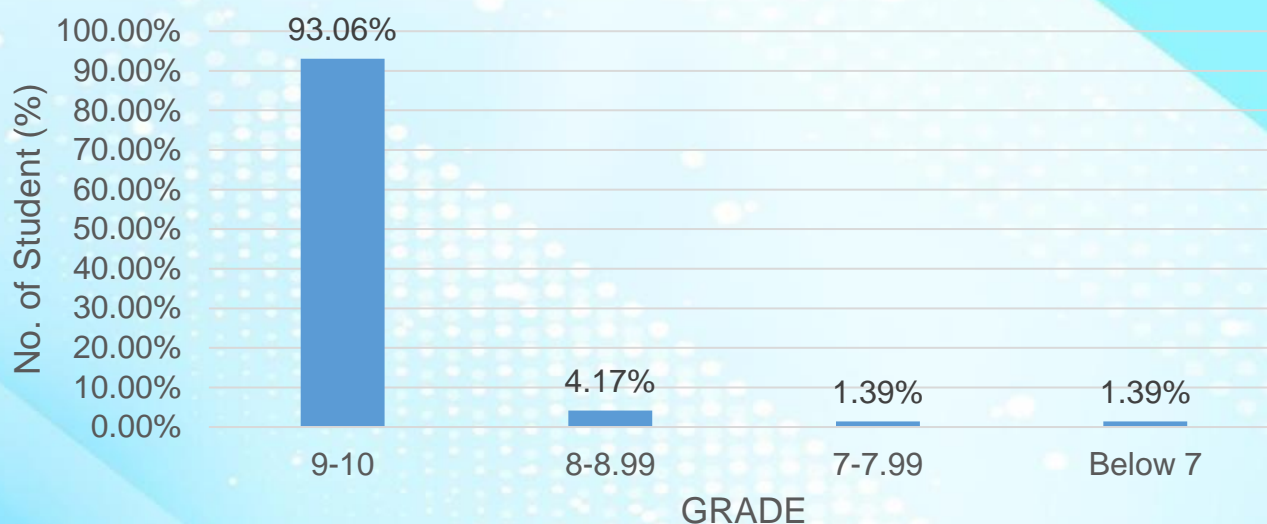
SGPA-Wise Result Analysis (2021 EVEN SEM 2ND YEAR)



Department of CSE

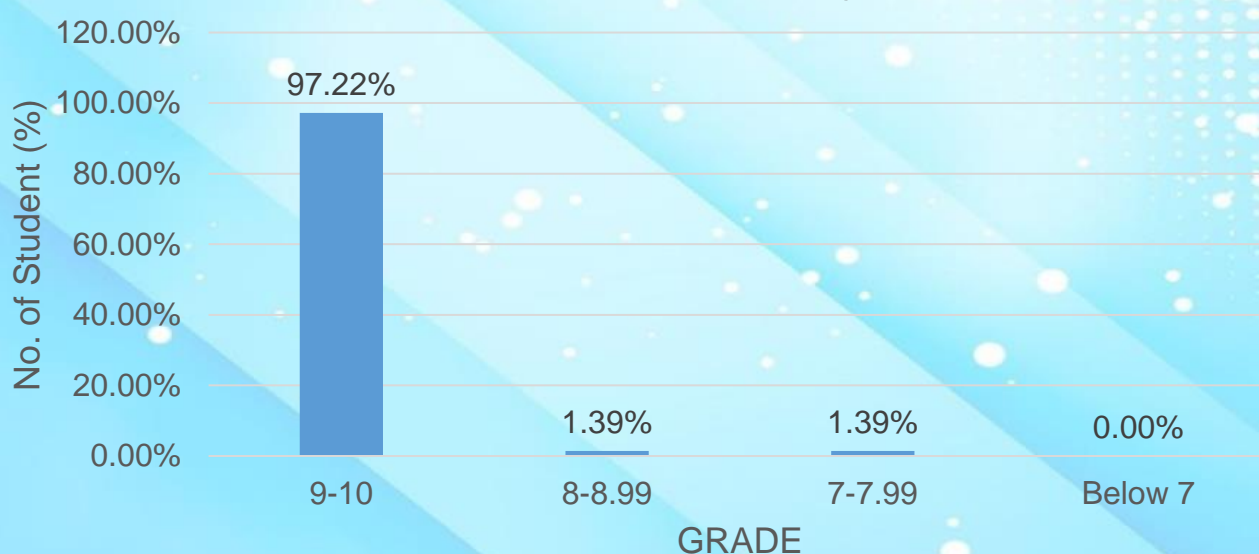
5th Semester

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



6th Semester

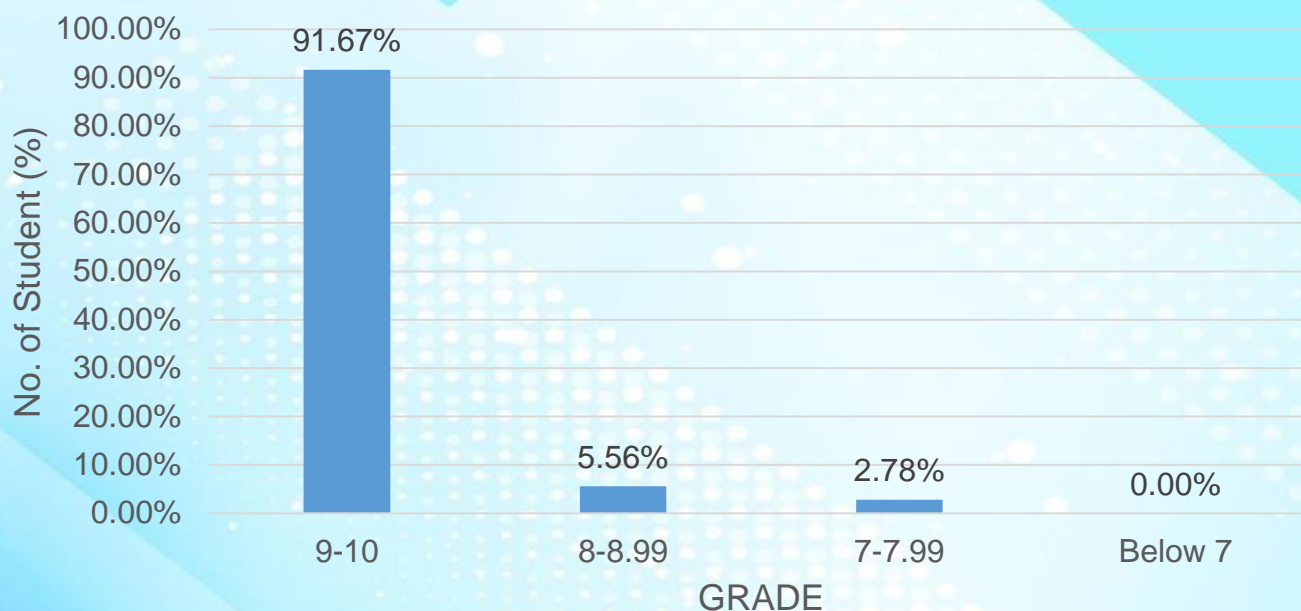
SGPA-Wise Result Analysis (2021 EVEN SEM 3RD YEAR)



Department of CSE

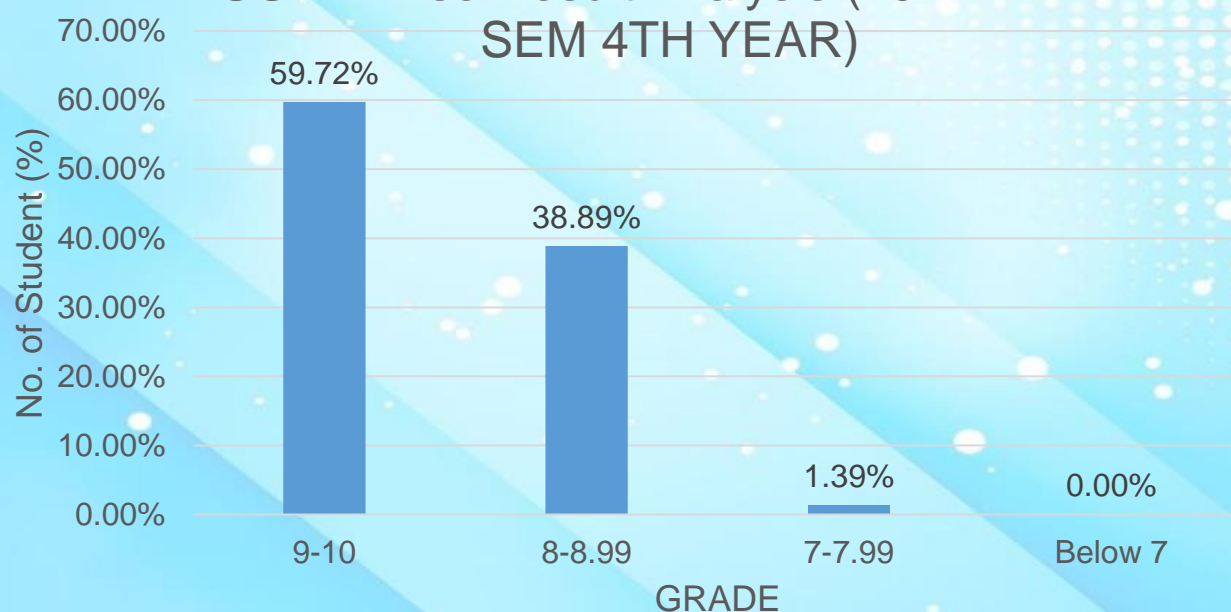
7th Semester

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



8th Semester

SGPA-Wise Result Analysis (2021 EVEN SEM 4TH YEAR)



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Department of Electronics and Communication Engineering

ANNUAL REPORT 2020-21

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)

PEO1: 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..

PEO2: Engineering Design Skills: To provide the students with the required problem-solving abilities for general engineering design practice.

PEO3: Problem Solving Ability: To develop engineering graduates who can solve problems and go onto advanced study and research in various fields.

PEO4: 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.

PEO5: 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.

PEO6: 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)

PSO1: 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.

PSO2: To develop creative concepts and solutions in RF & Communication, Networking, Embedded Systems, and VLSI in order to adapt to new information and communication technologies.

PSO3: The capacity to apply acquired technical knowledge to find employment in the electronics and communications industries as well as to succeed as an entrepreneur.

Department of Electronics and Communication Engineering

Brief Overview of the Department

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

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

Department of Electronics and Communication Engineering

HOD Message

Dear colleagues and students,

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

Department of Electronics and Communication Engineering

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

Dr. Abhigyan Ganguly

**HOD, Department of Electronics and Communication Engineering
Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex**

Department of Electronics and Communication Engineering

ECE DEPARTMENTAL NEWS AT A GLANCE

Students' Achievement

- Ms. Debosmita Ganguli from Department of Electronics and Communication Engineering 2017-2021 batch has secured Elite+ Silver certificate from NPTEL and has been declared as one of the Top 5% Topper in Technical English for Engineers course.
- Selection of Paper in IEEE Solid State Circuit Society (SSCS) Kolkata Chapter in Student Paper Contest 2021 (SPC2021) 2. Secured 1st Position in this contest 3. Paper will be published after 1 month for the following student: Debosmita Ganguli, Barna Debnath, Sourajit Nan.
- Rivu Layek, Shayantika Dhar, Bishal Majhi, Debasree Paul as a group has been selected as 6th runner up in Accenture Innovation Challenge, 11th November, 2021.

Students' Awards

1	Best Student awards (Jis samman)	JIS Group	Ritikwa Pal
2	Best Innovation awards (Jis samman)	JIS Group	Souvik Ganguly
3	Virtual Quiz Competition	Narula Institute of Technology	Rikta Pal Ribhu Debnath Mrittika Ghosh
4	Inter College Debate Competition	Dr. Sudhir Chandra Sur Institute of Technology	Sneha Banik
5	IMPULSE Project Competition	Dr. Sudhir Chandra Sur Institute of Technology	Abirbhab Saha Aashutosh Jaiswal Payel Dutta Kushagra Kumar Madhu Sawan Yash Kumar
6	Virtual Intra College Quiz Competition	B.P. Poddar Institute Of Technology And Management	Moumita Chakraborty Paulami Saha Praveen Kumar Singh
7	Incognito – project competition	BBIT	Debanjan Das, Debanjan Dawn Barna Debnath Arpan Basuli Arkaprava Ghorai Arit Kr. Ghosh
8	Coding Mania	Aryabhatta Institute Of Technology	Sayantika Singha Roy Priyam Chakraborty Manish Parbat
09	Smart India Hackathon	UPES Dehradun	Shreya Das Rohan Roy
10	Innovation Challenge	NMIMS School of Management and Engineering	Shreyashi Mallick Sanjali Singh

Department of Electronics and Communication Engineering

ECE DEPARTMENTAL NEWS AT A GLANCE

Students' Achievement

Students' Awards

11	Innovative Techies	Kalasalingam Academy of Research and Education	Sumit Saha
12	Code-War	Gandhi Institute For Technology	Chiranjit Das
13	Virtual Idea Challenge1.0	Sanjivani College of Engineering	Sayak Patra

Department of Electronics and Communication Engineering

Departmental achievements

Faculty's achievements :

Name of The Dept.	Name of the Applicant	Name of Inventors	Title of Patent	National/ International	Applied/ Published / Granted	Date	Details of the Patent
ECE	Anirbit Sengupta	Anirbit Sengupta	Sustainable Internet of Biomass Things(S-IoWBMT) for cleaner production	National	Applied	11/8/2021	27032/2021-CO/L
ECE	Anirbit Sengupta	Anirbit Sengupta	IoSLT-Internet of Smart Lighting Things	National	Applied	18/11/ 2021	27839/2021-CO/L
ECE	Anirbit Sengupta	Anirbit Sengupta	Help over-A Service Provider Management App	National	Applied	8/3/2021	L 105 942/2021
ECE	Anirbit Sengupta	Anirbit Sengupta	Design and Development of In system Programming(ISP) NXP Micro controller Using RS232 Protocol	National	Applied	8/3/2021	L/105757/2021

Department of Electronics and Communication Engineering

Departmental achievements

Faculty's achievements :

SL No	Name , Designation & Department	Seminar/ Workshop	National/ International	Duration	
				From	To
1	Ms. Anuva Ganguly Mukherjee, Assistant Professor ECE	STTP	National	09/08/2021	14/08/2021
2	Ms. Ananya Banerjee, Assistant Professor ECE	STTP	National	09/08/2021	14/08/2021
3	Ms. Manali Dhar, Assistant Professor ECE	STTP	National	09/08/2021	14/08/2021

Department of Electronics and Communication Engineering

Departmental achievements

Faculty's achievements :

Name	Details
Prof. Anuva Ganguly	Completed Coursera course on Introduction to Semiconductor Devices 1
Prof. Debasmita Manna	Completed Coursera course on Wireless Communication for Everybody
Prof. Ananya Banerjee	Completed Coursera course on Introduction to Semiconductor Devices2
Prof. Anuva Ganguly	Publication of book chapter by Prof. Anuva Ganguly
Prof. Manali Dhar	Enrolled in Ph.D program at NIT, Durgapore
Prof. Debasmita Manna	Enrolled in Ph.D program at NIT Durgapore
Prof. Ananya Banerjee	Enrolled in Ph.D program at NIT Durgapore
Prof. Anirbit Sengupta	Qualitative Research Methods
Prof. Anirbit Sengupta	IOT(Internet of Things) Wireless &Cloud Computing Engineering Technologies

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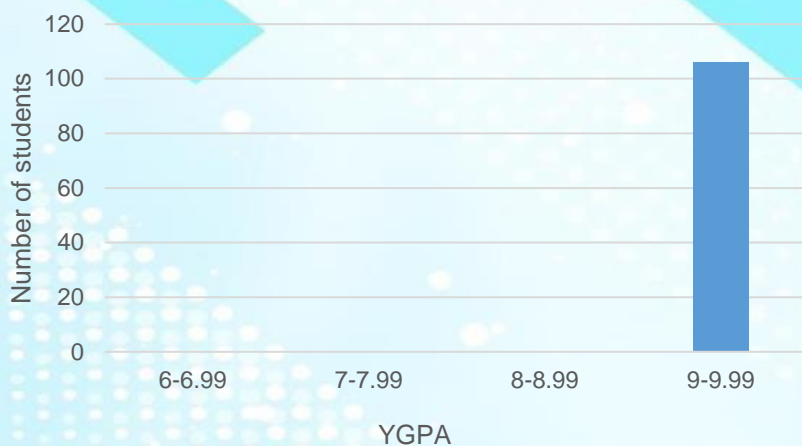
Department of Electronics and Communication Engineering

Result Analysis 2020-21

Department of Electronics and Communication Engineering

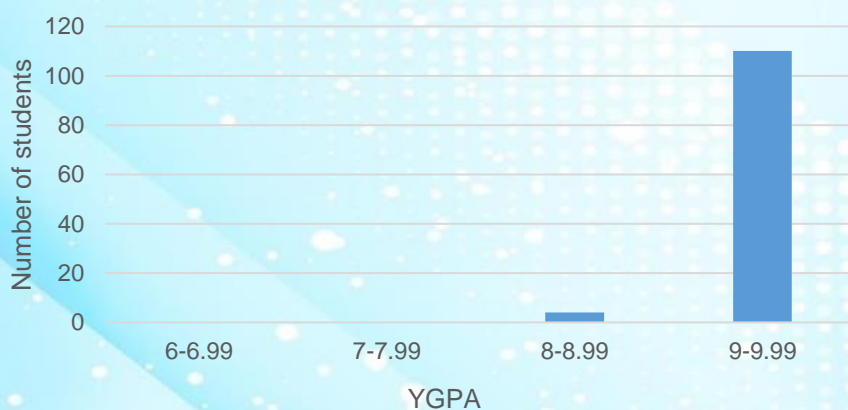
2nd Year

ECE, 2nd Year



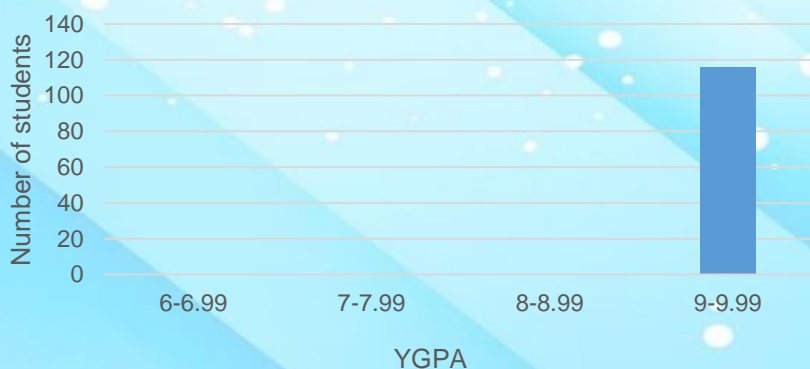
3rd Year

ECE, 3rd Year



4th Year

ECE, 4th Year



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Department of Electrical Engineering

ANNUAL REPORT 2020-21

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 Sur Institute of Technology & Sports Complex. 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 Institute of Technology & Sports Complex, 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 Institute of Technology and Sports Complex

Department of Electrical Engineering

DEPARTMENTAL NEWS AT A GLANCE

Department of Electrical Engineering organized and attended the following events:

- Mr. Prathita Roy has participated in a FDP on Online Course on Examination Reforms conducted by AICTE from 29.04.2021-02.05.2021
- Mr. Prathita Roy and Mrs. Rumrum Banerjee have participated in a FDP on "Energy Engineering" organized by AICTE Training And Learning (ATAL) Academy ,National Institute of Technology Delhi from 25.12.2020-29.12.2021
- Mr. Prathita Roy and Mrs. Rumrum Banerjee have participated in a FDP on "Leadership & Excellence" organized by AICTE Training And Learning (ATAL) Academy, KIIT SCHOOL OF MANAGEMENT, KIIT from 13.01.2021-17.01.2021
- FDP on Machine Learning using Python from 05.04.2021-09.04.2021
- Mr. Prathita Roy and Mrs. Rumrum Banerjee have participated in an International Webinar on "Artificial Intelligence in cloud computing and IoT" organized by IEEE Sponsored, Centre of Excellence- Power Engineering and Clean Energy Integration, Galgotias University on 18.07.2020
- Mr. Prathita Roy and Mrs. Rumrum Banerjee have participated in a National Webinar on "Nuances of Scientific Publishing" organized by IEEE Sponsored, Centre of Excellence- Power Engineering and Clean Energy Integration, Galgotias University on 18.07.2020
- Mr. Prathita Roy and Mrs. Rumrum Banerjee have participated in an International Webinar on " Role of the Smart Grid in Facilitating the Integration of Renewables" organized by GU Centre of Excellence Power Engineering and Clean Energy Integration in collaboration with IEEE SB, Galgotias University on 27.07.2020
- Webinar on 'Practical Applications using Arduino organized by Department of Electrical Engineering of Dr Sudhir Chandra Sur Institute of Technology & Sports Complex under the aegis of Institute of Engineers, India, Student Chapter in association with Ardent Computech Pvt Ltd on 03.10.2020
- Industrial talk on 'IoT based Smart Grid' organized by Department of Electrical Engineering of Dr Sudhir Chandra Sur Institute of Technology & Sports Complex under the aegis of Institute of Engineers, India, Student Chapter in association with Micro Pro Pvt Ltd. on 21.11.2020
- Webinar on 'Industrial Applications of Artificial Intelligence & Machine Learning' organized by Department of Electrical Engineering of Dr Sudhir Chandra Sur Institute of Technology & Sports Complex under the aegis of Institute of Engineers, India, Student Chapter & IIC-MHRD in association with Micro Pro Pvt Ltd. on 26.02.2021

Department of Electrical Engineering

DEPARTMENTAL NEWS AT A GLANCE

Department of Electrical Engineering organized and attended the following events:

- Mr. Prathita Roy has organized a Webinar on " Tank Water Level Controller" on 10.07.2020 under the aegis of Institute of Engineers, India, Student Chapter
- Mr. Prathita Roy has organized a Webinar on "CONNECT⇒EE----A grooming session by alumni" on 08.08.2020 under the aegis of Institute of Engineers, India, Student Chapter
- India's first Virtual Industrial visit at Hyderabad Institute of Electrical Engineers (HIEE) by students of EE Department on 23.07.2020
- Farewell "AU-REVOIR" of EE 2020 Batch on 06.08.2020
- A Career Counselling Session organized by Department of EE for budding & promising EE Aspirants on 05.09.2020
- A Webinar on " Distributed Generation & Smart Grid" organized by Power & Energy Society, Department of EE & IEI Kolkata, Student Chapter on 18.09.2020
- A Webinar on Practical Applications using Arduino by Power & Energy Society, Department of EE & IEI Kolkata, Student Chapter on 03.10.2020
- An Industrial Talk on 'IoT based Smart Grid' organized by Power & Energy Society, Department of EE & IEI Kolkata, Student Chapter on 21.11.2020
- Innovative Idea Competition 2020 organized by Department of EE
- A Webinar on "My Story-Motivational Session by Successful Innovators" organized by Power & Energy Society, Department of EE & IEI Kolkata, Student Chapter on 23.12.2020
- Webinar on Industrial Applications of Artificial Intelligence & Machine Learning organized by Department of Electrical Engineering on 26.02.2021
- Virtual PTM of EE Department on 16.06.2021
- A Virtual workshop on the industrial application of IoT (IIoT) on 18.06.2021
- What after XI & XII ?- A Career Counselling Session with School Students organized by Power & Energy Society, Department of EE & IEI Kolkata, Student Chapter on 25.06.2021
- What after Diploma ?- A Career Counselling Session with Diploma Students organized by Power & Energy Society, Department of EE & IEI Kolkata, Student Chapter on 29.06.2021
- Webinar on 'Applications of eCAD in Electrical Engineering' organized by Department of Electrical Engineering of Dr Sudhir Chandra Sur Institute of Technology & Sports Complex under the aegis of Institute of Engineers, India, Student Chapter in association with Ardent Computech Pvt Ltd. on 09.04.2021
- Departmental wall magazine "Surge" published on 11.06.2021 based on the theme New normal to a new future: A sustainable response to Covid 19
- Departmental wall magazine "Surge" published on 12.12.2021 based on the theme National Energy Conservation Day

Department of Electrical Engineering

Departmental achievements

Student's achievements :

- DEBADEEP SEN, student of Electrical Engineering 2020passout Batch got opportunity to study M.Tech at NIT KURUKSHETRA
- SUDIPTA DAS, student of Electrical Engineering 2020 passout Batch got opportunity to study M.Tech at Narula Institute of Technology,Agarpara
- SUSWAGATA SATPATHY, student of Electrical Engineering 2020 passout Batch got opportunity to study M.Tech at Birla Institute of Technology – Mesra
- Tathagata Bose, Amit Sharma, Urmimala Chatterjee ,Alankita Acharjee,EE-3rd Year got “AICTE organized Chatra-Biswakarma Award-2020”
- Tathagata Bose, Amit Sharma, Urmimala Chatterjee ,Alankita Acharjee,EE-3rd Year got 1st Prize in “Innovative Idea Competition-2020”.

Department of Electrical Engineering

Departmental achievements

Faculty's achievements :

- Mr. Prathita Roy has awarded Academic Excellence Award: Best Practical Demonstration Video of 2020 at Departmental Level
- Mr. Prathita Roy has awarded Man of the Match at JIS Samman 2021, Inter College Cricket Tournament

Department of Electrical Engineering

Departmental achievements

Faculty Publications :

- Anirban Chowdhury, Ranjit Roy, Kamal Krishna Mandal, "Techno-socio-economic improvements due to optimal location of EV charging station at IEEE 22 bus using Cuckoo Search Algorithm" published in: 2022 22nd National Power Systems Conference (NPSC), pp. 77-81, DOI: 10.1109/NPSC57038.2022.10069267
- Anirban Chowdhury, Ranjit Roy, Kamal Krishna Mandal, "Techno-Socio-Economic Improvements by PV based DG & BESS Integration in Radial Distribution Networks using CSA" published in: 2021 International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT), pp. 1-5, DOI: 10.1109/ICAECT49130.2021.9392520
- Anirban Chowdhury, Ranjit Roy, Kamal Krishna Mandal, "Optimal allocation of Wind Turbine & SVC using Cuckoo Search Algorithm for enhancement of techno-socio-environmental benefits in distribution network" published in: 2020 21st National Power Systems Conference (NPSC) pp.- 1-5 DOI: 10.1109/NPSC49263.2020.9331856
- Anirban Chowdhury, Ranjit Roy, Kamal Krishna Mandal, "Optimal Allocation of Wind Based DG for Enhancement of Technical, Economic and Social Benefits using Jaya Algorithm for Radial Distribution Networks" published in: 2020 International Conference on Convergence to Digital World - Quo Vadis (ICCDW), <https://doi.org/10.1109/ICCECE48148.2020> , DOI: 10.1109/ICCDW45521.2020.9318659
- Anirban Chowdhury, Ranjit Roy, Kamal Krishna Mandal, "Techno-Socio-Economic Benefits using CS Algorithm in Radial Distribution" Published in: 2020 IEEE India Council International Subsections Conference (INDISCON), pp.- 175-179 DOI: 10.1109/INDISCON50162.2020.00045
- Tanmay Das, Ranjit Roy, Kamal Krishna Mandal, "Impact of the penetration of distributed generation on optimal reactive power dispatch" a journal on Protection and Control of Modern Power Systems publisher: Springer Singapore, volume: 5, pp.- 1-26
- Tanmay Das, Ranjit Roy, Kamal Krishna Mandal, "Integrated PV system with Optimal Reactive Power Dispatch for Voltage Security using JAYA Algorithm" published in: 2021 7th International Conference on Electrical Energy Systems (ICEES), pp.- 56-61 DOI: 10.1109/ICEES51510.2021.9383711

Department of Electrical Engineering

Departmental achievements

Student Publications :

- Ria Shaw, Sumanta Naskar (EE-2021 passout batch) have published a conference paper titled "A Review on the Advanced Techniques Used for the Capturing and Storage of CO₂ from Fossil Fuel Power Plants " at Springer Singapore on 02.09.2020 under the guidance of Mr. Anirban Chowdhury and Mr. Tanmay Das, pp.- 193-197, publisher: Springer Singapore

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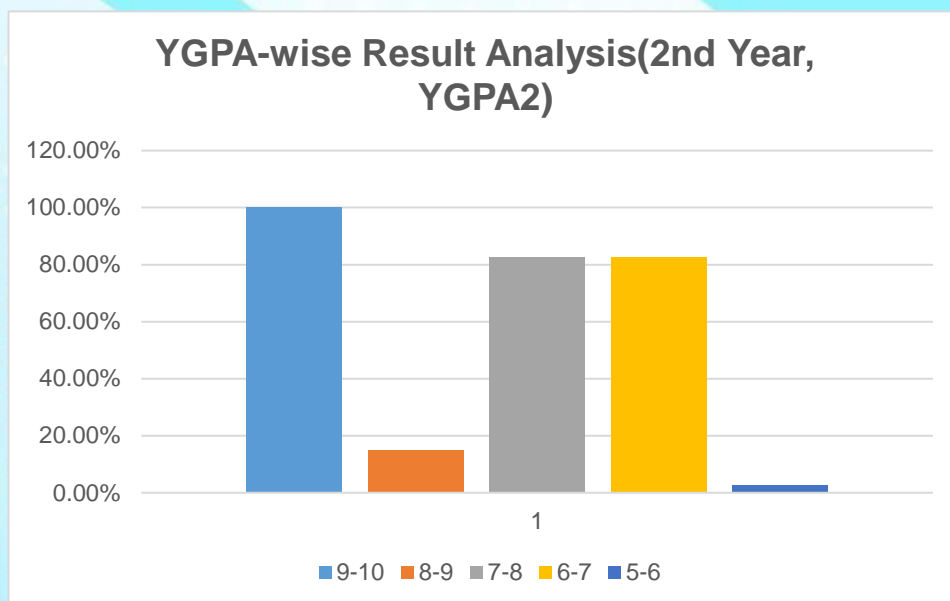
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WBSCTVESD and Approved by AICTE

Department of Electrical Engineering

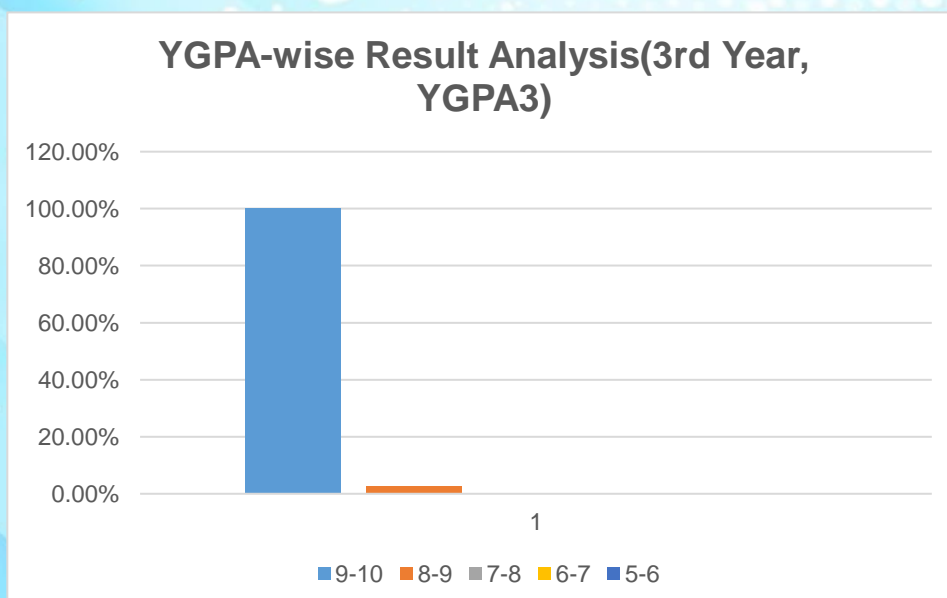
Result Analysis 2020-21

Department of Electrical Engineering

2nd Year

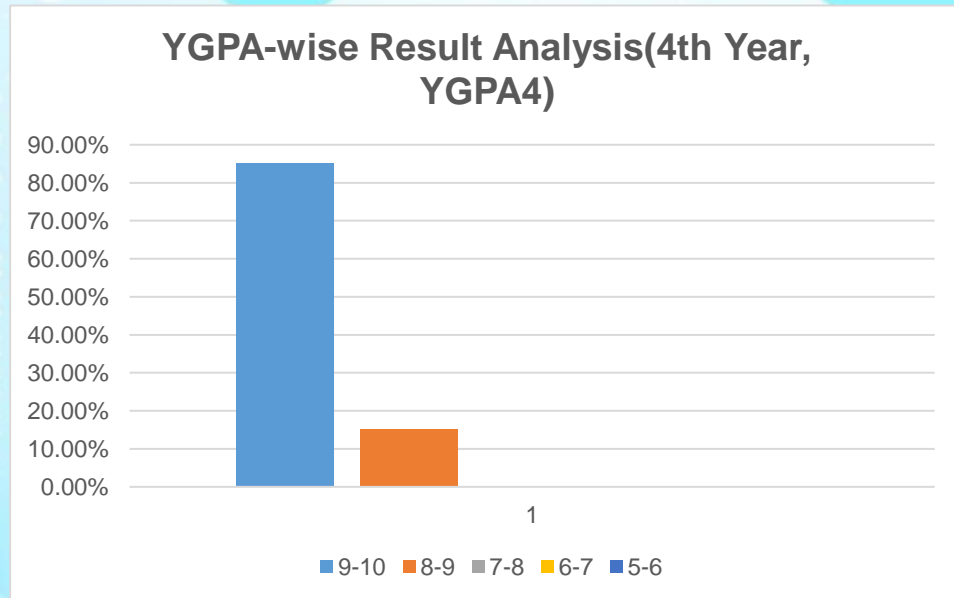


3rd Year



Department of Electrical Engineering

4th Year



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Department of Mechanical Engineering

ANNUAL REPORT 2020-21

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 Institute of Technology and sports complex (formerly 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

A disease is termed as a pandemic when it spreads all over the globe and in most countries of the world. COVID-19 was declared as a pandemic by WHO (World Health Organization) after its spread was confirmed in more than 100 countries. Since the time COVID-19 came to India, there have been new terms emerging every day. From pandemic, social distancing to quarantine, there are many newer terms which were introduced to us during this period. Though government has been trying to make it as clear as possible for the general public. India is now following lockdown and practice social distancing or home quarantine. But “Health care workers, police force and other social workers” are doing their duties on the frontlines against COVID-19. We might say ‘hero’ too much these days, for their courageous, selfless and kind. Their determination to help others, at risk to yourself, is truly inspiring. I appreciate my team members for their continuous effort in bringing out this newsletter and this time exclusively our struggle against COVID19. It gives me immense pleasure in seeing the articles by faculty and students on different activity and the department of mechanical engineering seems to be pro-active in organizing many online programs. We are very much grateful to the Principal, DSCSDEC and management of JIS group for their blessing and support to accomplish all such kind of activities

**Dr. Probhas
Bose**

**HOD, Department of Mechanical Engineering
Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex**

Department of Mechanical Engineering

MECHANICAL DEPARTMENTAL NEWS AT A GLANCE

Dr. K. L. Sahoo, from CSIR-NML Jamshedpur was invited as an speaker for a Webinar on “Materials Processing- A Step Forward For Excellence”, on 19th May 2021, from 11:00 AM onwards.

Mr. Bhabani Singh and Ms. Dolly Sharma from Vision Automation Solutions was invited as speakers for a webinar on “Covid-19: Scope & Future of Robotics Technology in Industry” on 26th June, 2020, from 11.00 am to 1:00 pm.

Students of the Department of Mechanical Engineering digitally published the departmental wall magazine “Orbis Pandemus” on 25/05/2021.

Mechanical Engineering 3rd yr. student Md. Farhan Ahmad, reached the second stage in the final round in Inter college competition organized by BCC&I and JIS University.

Department of Mechanical Engineering digitally celebrated “RABINDRA JAYANTI” on 9th May, 2021 to mark the 160th Birth Anniversary of Kabiguru Rabindranath Tagore with our departmental students and faculties.

Department of Mechanical Engineering digitally celebrated “NETAJI JAYANTI” on 23rd January, 2021 from 10 am onwards to mark the 125th Birth Anniversary of Netaji Subhas Chandra Bose with our departmental students and faculties.

Dr. Molinath Mukherjee is from Apollo Gleneagles Hospitals, Kolkata, Dr. Md. Taslim Shamim from Amri Hospital , Kolkata, and DT. NIDHI PRAKASH, Clinical Dietitian/Nutritionist was invited as speakers for a webiinar on “COVID-19 LIFESTYLE MODIFICATION” on 17.05.2021

Department of Mechanical Engineering organized a webinar on “Sustainable Development By the Use of Green Technoloy & Metal Casting” on 17.10.2020.

Department of Mechanical Engineering organized a webinar on “Numerical Simulation and Modelling of Friction Stir Welding” on 23.10.2020.

Department of Mechanical Engineering

MECHANICAL DEPARTMENTAL NEWS AT A GLANCE

Student's Publications :

Kumar Nath U, Sen R. A comparative review on renewable energy application, difficulties and future prospect. 2021 Innovations in Energy Management and Renewable Resources (52042). 2021 Feb 5:1-5.

Paul S, Dey T, Saha P, Dey S, Sen R. Review on the development scenario of renewable energy in different country. 2021 Innovations in Energy Management and Renewable Resources (52042). 2021 Feb 5:1-2.

Department of Mechanical Engineering

MECHANICAL DEPARTMENTAL NEWS AT A GLANCE

Faculty's achievements :

Arpita Chatterjee received JIS Samman 2021 for best video lectures in departmental level.

Jit Majumder received JIS Samman 2021 for best practical demonstration video in departmental level.

Arpita Podder completed a five day FDP on "Electric Vehicles" from 17th May to 21st May 2021.

Arindam Banerjee completed a five day FDP on "Electric Vehicles" from 17th May to 21st May 2021.

Arpita Chatterjee completed a five day FDP on "Electric Vehicles" from 17th May to 21st May 2021.

Rahul Kumar Prajapati completed a five day FDP on "Electric Vehicles" from 17th May to 21st May 2021.

Sujoy Saha completed a five day FDP on "Electric Vehicles" from 17th May to 21st May 2021.

Geetika Kumari Salwan completed a five day FDP on "Electric Vehicles" from 17th May to 21st May 2021.

Anish Biswas completed a five day FDP on "Electric Vehicles" from 17th May to 21st May 2021.

Pradeep Kumar Sharma completed a five day FDP on "Electric Vehicles" from 17th May to 21st May 2021.

Probhas Bose completed a five day FDP on "Electric Vehicles" from 17th May to 21st May 2021.

Ruma Sen completed a five day FDP on "Electric Vehicles" from 17th May to 21st May 2021.

Subhasish Halder completed a five day FDP on "Electric Vehicles" from 17th May to 21st May 2021.

Subhendu Pal completed a five day FDP on "Electric Vehicles" from 17th May to 21st May 2021.

Department of Mechanical Engineering

Departmental achievements

Faculty Publications :

Sen R, Choudhuri B, Barma JD, Chakraborti P. Surface integrity study of WEDM with various wire electrodes: Experiments and analysis. *Machining Science and Technology*. 2020 Jul 3;24(4):569-91.

Choudhuri B, Sen R, Ghosh SK, Saha SC. Comparative machinability characterization of wire electrical discharge machining on different specialized AISI steels. *Bulletin of Materials Science*. 2020 Dec;43:1-2.

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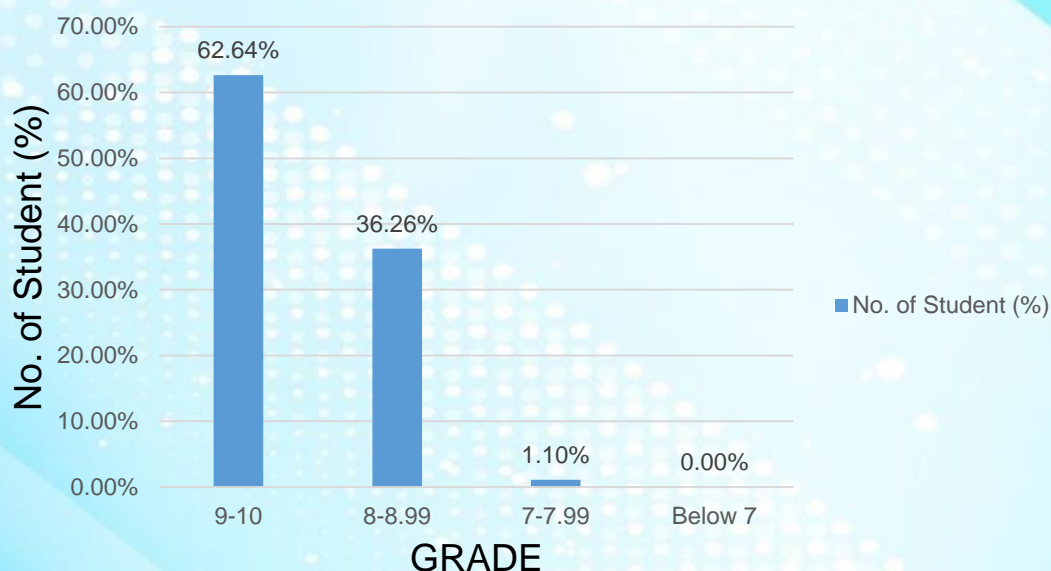
Department of Mechanical Engineering

Result Analysis 2020-21

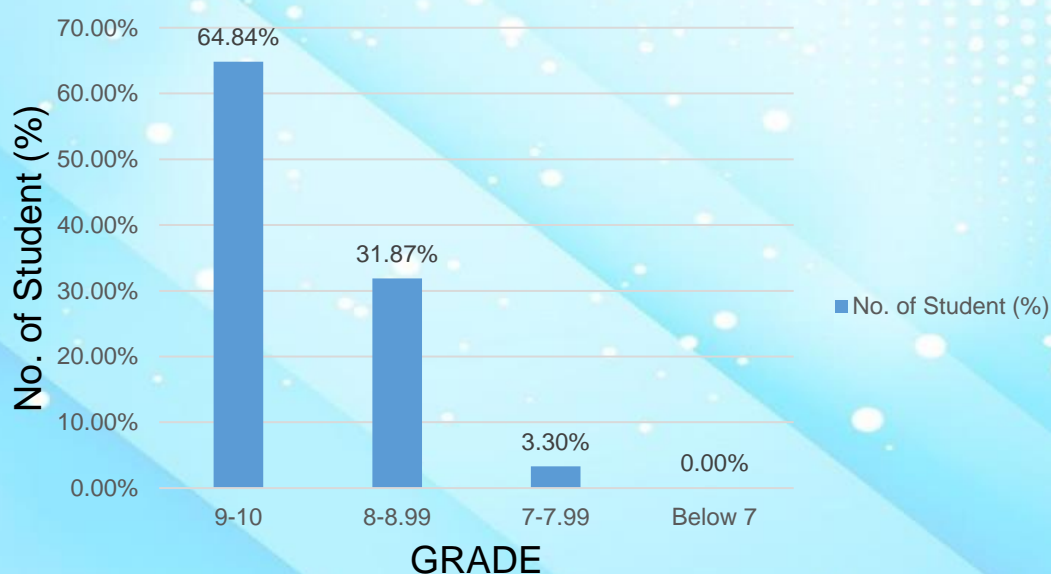
Department of Mechanical Engineering

Result Analysis

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

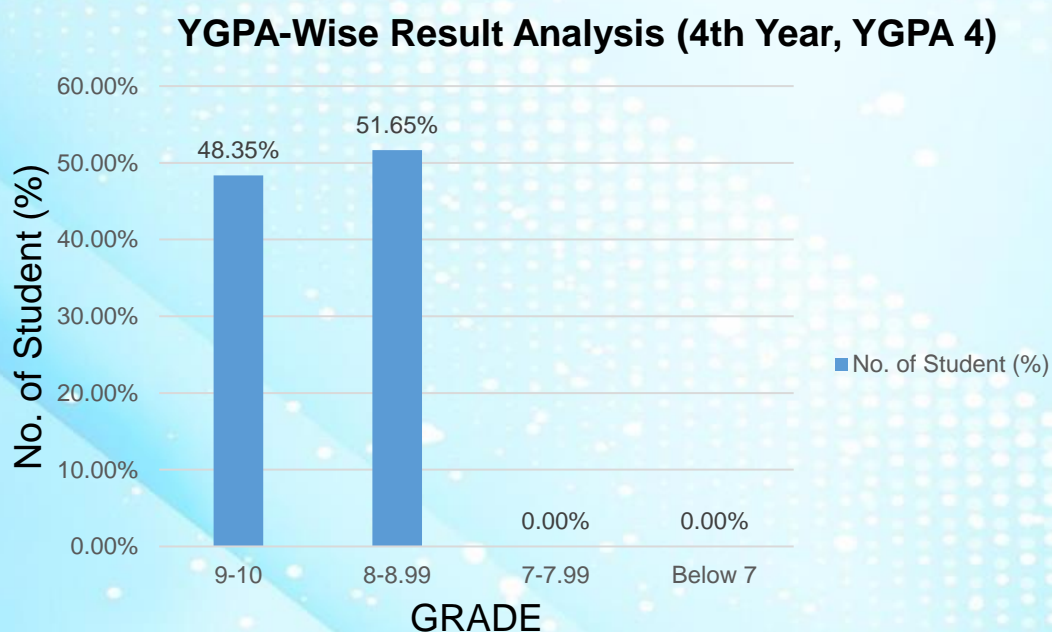


YGPA-Wise Result Analysis (3rd Year, YGPA 3)



Department of Mechanical Engineering

Result Analysis



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Research & Publications 2020-21

Patent filed

➤ IPR FILED/PUBLISHED/GRANT

SL.NO	APPLICATION NUMBER	JOURNAL NO.	TITLE OF THE PATENT	INVENTORS' NAME	DATE OF FILED	DATE OF PUBLISHED	STATUS
1.	201931050921	24/2021	Smart Energy Matter	Saradindu Panda, Ambrish Upadhyay	10/12/2019	11/06/2021	Published
2.	201931050920	24/2021	Artificial Intelligence Based Domestic Solar Power System	Ambrish Upadhyay, Saradindu Panda	10/12/2019	11/06/2021	Published
3.	201931049883	24/2021	Anti-Puncture System For Light Weight Motor Vehicle (APSLWMV)	Amrut Ranjan Jena, Madhusmita Mishra	04/12/2019	11/06/2021	Published
4.	202031029347	43/2020	A Novel Pixel Board Controller For Animation	Anirbit Sengupta, Aviroop Dewan	09/07/2020	23/10/2020	Published
5.	202031037602	39/2020	An Automated System Having Bag Valve Mask	Dr. Saradindu Panda	01/09/2020	25/09/2020	Published
6.	L-102279/2021		Remote Sensing Based Soil Parameter Testing	Anirbit Sengupta	23/04/2021		Filed
7.	L-100398/2021		10GMT- Internet Of Growth Measuring Things For Monitoring Radial Growth of Plant Using 2-axis Joystick	Anirbit Sengupta	16/03/2021		Filed
8.	L-99922/2021		s*s LED Line Chaser Circuit For Shadow Lighting	Anirbit Sengupta	01/03/2021		Filed
9.	L-97044/2020		Extraction of Biodiesel From Karania Oil Blends as Green Lubricants	Anirbit Sengupta	01/12/2020		Filed
10.	L-94457/2020		DMX Protocol Based CostEffective LED Strip Driver Circuit	Anirbit Sengupta	08/09/2020		Filed
11	L-93276/2020		600 Pixel LED Board Controller For Dynamic Lighting Patterns Based on Thoranam Theorem	Anirbit Sengupta	30/07/2020		Filed

Publications

Sl. No	Title of the Paper	Name of the Author/s	Department of the teacher	Name of the Journal	ISSN number
1	Ortho_Sim_Loc: Essential protein prediction using orthology and priority-based similarity approach."	Anjan Kumar Payra	Computer Science and Engineering	Computational Biology and Chemistry	1476-9271
2	Knowledge Mining in Spreading Pattern of COVID-19 and Its Impact on India Economy	Madhusmita Mishra	Computer Science and Engineering	Journal of Physics	1742-6596
3	Effect of Polymer Concentration on Size and Optical Properties of PbS Quantum Dots Embedded in PVA	Abhigyan Ganguly, Saradindu Panda	Electronics and Communication Engineering	Nanosystems, Nanomaterials, Nanotechnologies	1816-5230
4	Water Shortage Analysis based on Reservoir Surfaces with varying Population and Rainfall for 2011-20 at Egra in Purba Medinipur	Souvik Chakraborty	Civil Engineering	International Journal for Research in Applied Science & Engineering Technology	2321-9653
5	Migration of Seawater Intrusion in Fresh Aquifer of South 24 Parganas, West Bengal	Souvik Chakraborty	Civil Engineering	Indian Journal of Environmental Protection	0253-7141
6	The 2019 Novel Coronavirus (COVID-19) Pandemic: A Blessing For Planetary Health Amidst Climate Crisis	Sushovan Sarkar	Civil Engineering	Indian Journal of Environmental Protection	0253-7141
7	Scope of Recycling of Municipal Wastewater	Sushovan Sarkar	Civil Engineering	Indian Journal of Environmental Protection	0253-7141
8	An Eco-Critical Perspective of 'Hunger' in "The Hungry Tide"	Nibedita Biswas	Basic Science and Humanities	Journal of Emerging Technologies and Innovative Research	2349-5162

Publications

S l . N o .	Name of the teache r	Title of the book/Chap ter/confe rence Published	Title of the paper	Yea r of pub lica tion	ISBN/ ISSN numb er of the proce ding	Nam e of the publi sher	Link of chapter /book website	ISBN Info Document
1	Souvik Chakraborty	Smart Technologies for Energy and Environmental Sustainability	A Comprehensive Study on the Arsenic Contamination in the Groundwater of Assam and West Bengal with a Focus on Normalization of Arsenic-Filled Sludge from Arsenic Filters	2021	978-3- 030- 80702-3	Springer Cham	https://link.springer.com/ chapter/10.1 007/978-3- 030-80702- 3_13	978-3-030- 80702-3
2	Sushovan Sarkar	Fixed Bed Hybrid Bioreactor Theory and Practice	Fixed Bed Hybrid Bioreactor: Theory and Practice. Springer Nature	2021	978-981- 33-4546-1	Springer Singapore	https://link.s pringer.com/ book/10.100 7/978-981- 33-4546-1	978-981-33- 4546-1

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Committee List 2020-21

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3	Mr. Partha Ghosh	State Govt. Nominee	Member
4	Prof. Narayan Banerjee	MAKAUT Nominee	Member
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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, DSCSITSC	Member
15	Dr. Sushovan Sarkar	HOD, Dept. of CE, DSCSITSC	Member
16	Ms. Amrita Chadha	Dept. of Administration, DSCSITSC	Member
17	Dr. Om Prakash Sharma	Principal, DSCSITSC	Member Secretary

Committee List

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2	Prof. (Dr.) Debashis De, Professor, MAKAUT	External	University Nominee
Experts / Academicians from Outside the College Nominated by Governing Body			
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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			
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10	Dr. Sk Tanbir Islam, HOD	AUE	Member
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16	Ms. Madhusmita Mishra, Faculty	CSE	Member
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Committee List

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Sl No	Committee Name
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2	Institutional Academic Committee
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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	NSS & NCC Committee
23	Women Cell
24	Sports Committee
25	Canteen Committee
26	Entrepreneurship Development Cell
27	Science & Technology Committee
28	Hostel Committee
29	Student Affair/ Welfare Committee
30	Timetable Committee

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