



Dr. Sudhir Chandra Sur Degree Engineering College

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

Phone: +91 22 25603889, 25603898, 65330375

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

Report on Awareness of Trends in Technology

Organised by

CSE Dept. of Dr. Sudhir Chandra Sur Degree Engineering College

Title: A Workshop on "Cloud Computing"

Speaker: Mr Mahendra Dutta

About the Speaker: E Learning Manager, Ardent Computech

Date and Time: 31/08/2019, 10.00am

Venue: Room No:303

Number of Participants: 32

Objective: The aim of this seminar is to inspire and develop skill sets of cloud computing.

The Department of CSE of Dr. Sudhir Chandra Sur Degree Engineering College conducted a workshop on "Cloud computing" on 31-08-2019 between 10 AM to 1.00 PM for the students of Dept. of CSE. The seminar was commenced by Industry Expert Mr Mahendra Dutta from Ardent Computech Pvt. Ltd. Students form 2nd year participated in the seminar with great enthusiasm and asked lots of questions to the expert like the ambiance and current scenario of the core industries especially at this critical situation in Kolkata.

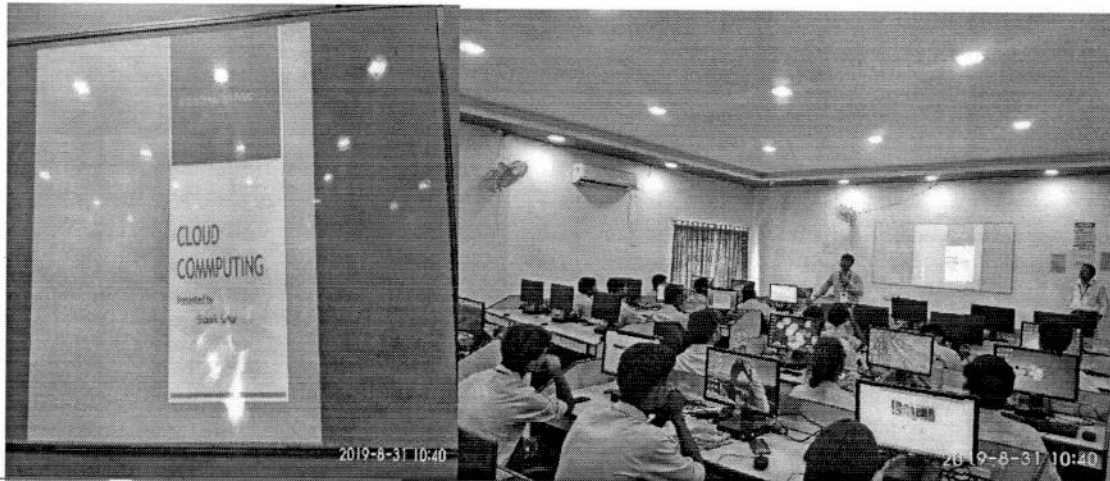
The students were very satisfied and happy to attend the workshop.

Outcome: Students are able to acquire knowledge of cloud computing architectures and models along with different service models.

1. Through this event student gather knowledge about cloud computing techniques and its application in real life.
2. From this event, skills and innovative ideas on cloud computing service model has been discussed.



Some of the glimpses of above workshop are attached herewith for your kind reference



Workshop on "Cloud computing" on 31/08/2019



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Report on Awareness of trends in technology

Organised by

Department of Electronics And Communication Engineering of Dr. Sudhir
Chandra Sur Degree Engineering College

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

Speakers: Mr. Anirban Banerjee and Mr. Soumyak Chandra

About the Speakers: Sr. Manager and Senior Lead, IOT Solutions of M/s. OGMA TechLab (India) respectively

Date and Time: 31/08/2019, 10:30 am onwards

Venue: Room number - 314

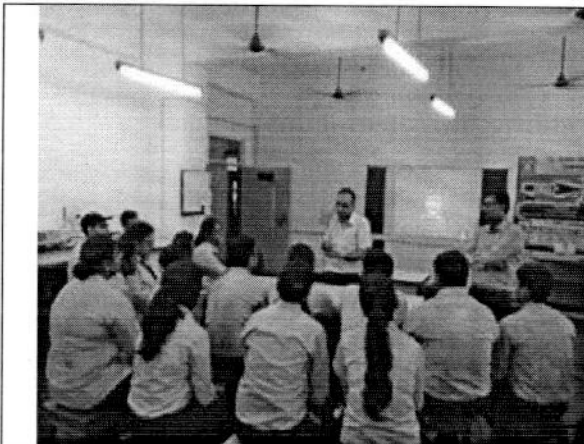
Number of Participants: 34

Objective: To get acquainted with Arduino Based Embedded Systems and Implementation on IoT.

The Department of Electronics and Communication Engineering of Dr. Sudhir Chandra Sur Degree Engineering College has organized a One Day Seminar for the 3rd Year ECE students on Saturday, 31/08/2019 entitled to “*Seminar on Arduino Based Embedded Systems and Implementation on IoT*”. Experts Mr. Anirban Banerjee - Sr. Manager and Mr. Soumyak Chandra - Senior Lead, IOT Solutions of M/s. OGMA TechLab (India) delivered lectures along with hands-on interfacing with Sensors group wise, Uploading Data to Cloud, Application of Robotics & IoT. It was a great learning experience for the students.

Outcome of the Event: Through the very interactive Q&A session student can be able to design different innovative projects.

Few glimpses of the seminar.



Seminar on “*Arduino Based Embedded Systems and Implementation on IoT*” on 31/08/2019



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Report on Awareness of trends in technology

Organised by

Department of Electronics And Communication Engineering of Dr. Sudhir
Chandra Sur Degree Engineering College

Title: Webinar on "*Machine learning using Python*"

Speaker: Mr. Mahendra Datta

About the Speaker: Industry expert from "Ardent Computech Ltd."

Date and Time: 06/04/2020, 10a.m.-12p.m. and 12p.m.-2p.m.

Venue: Online Mode (Google meet)

Number of Participants: 36

Objective: To accomplish different innovative Real-world application of the program using *Python*

The Dept of ECE of Dr. Sudhir Chandra Sur Degree Engineering College, organized a Webinar "*Machine learning using Python*" on 06/04/2020 from 10 A.M. to 12.00 P.M. and 12P.M. to 2P.M. for the students. The Webinar was conducted by Industry expert Mr. Mahendra Datta from "Ardent Computech Ltd.". Webinar on "*Machine learning using Python*" went extremely well. The student's participation was overwhelming. The following points were covered during the webinar.

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

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

Outcome of the Event: Through the very interactive Q&A session student can be able to design different innovative projects.



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Few glimpses of the webinar

DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE
Approved by AICTE, affiliated to RAJESWARA WELCHIES
UNIVERSITY, WEST BENGAL, INDIA

**WEBINAR
ON
MACHINE LEARNING**

TIME: 11AM - 1PM
12PM - 1PM

Link for Registration: <https://forms.gle/MdL5MHT1PJby4r>
Form Submission valid till 5 pm Sunday (14.03.20)

6TH APRIL, 2020 (MONDAY)

ORGANISED BY
IETE STUDENT CHAPTER, DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING

IN ASSOCIATION WITH

Webinar "Machine learning using Python" on 06/04/2020



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Report on Awareness of trends in technology

Organised by

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

Title: A Webinar on Electrical Machine Design using E-CAD

Speaker: Mr. Mahendra Dutta

About the Speaker: Team Leader and Mentor at Ardent Computech Pvt. Ltd.

Date: 15/04/2020

Time: 04:30pm

Mode: Online

No of Participants: 35

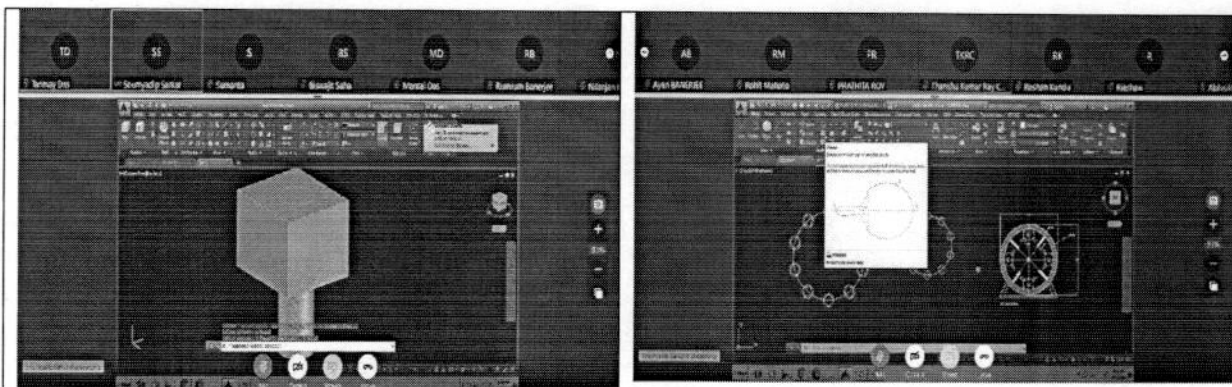
Objective: To get acquainted with Electrical drawing and design using E-CAD

Department of Electrical Engineering of Dr. Sudhir Chandra Sur Degree Engineering College has organized a webinar on Awareness of trends in technology entitled "A Webinar on Electrical Machine Design using E-CAD" in association with Ardent Computech Pvt Ltd. on 15th April, 2020.

Outcome of the Event: The following were the key highlights of the session:

- What is E-CAD?
- Familiarization with User Interface
- Basic tools & their use for Electrical Drawing & Design
- Development of Sectional View of a Machine
- Illustration of different design aspects of Machines

Few glimpses of the event



A Webinar on Electrical Machine Design using E-CAD on 15th April, 2020



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Report on Awareness of Trends in Technology

Organized by Department of Mechanical Engineering of Dr. Sudhir Chandra Sur Degree Engineering College

Title: One-day workshop on “Genetic Algorithm.”

Speaker: Dr. Priyabrata Mahapatra.

About the Speaker: Assistant Professor of School of Mechanical Engineering at KIIT University, Bhubaneswar

Date and Time: 24th April, 2020. & 11:00 am Onwards

Mode: Online.

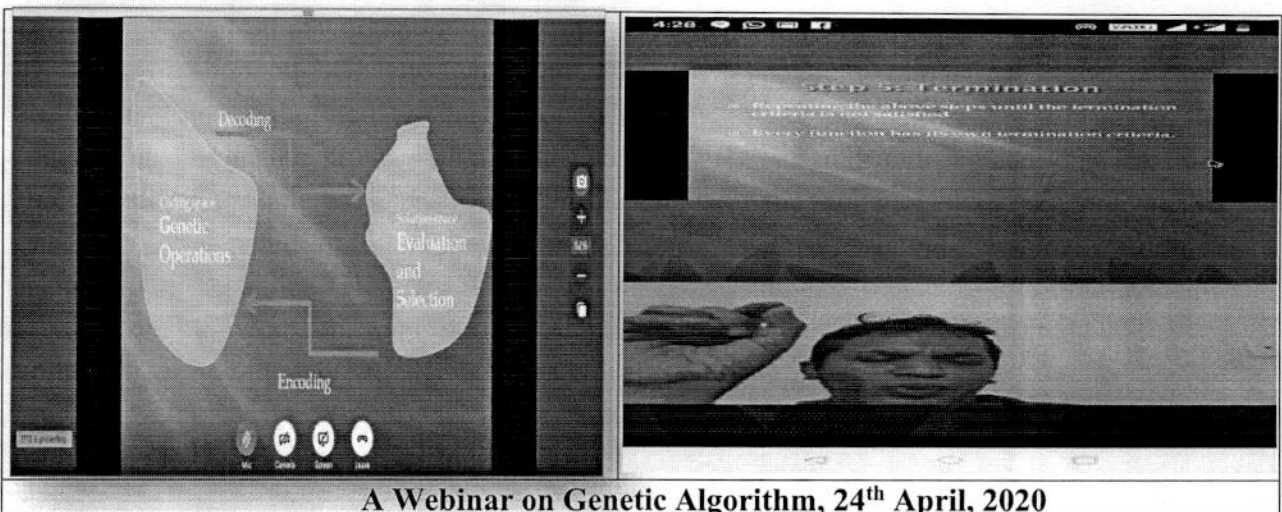
No of Participant: 26

Objective: The aim of this workshop is to inspire the students to learn the concept of Genetic Algorithm. During the workshop on “Genetic Algorithm.” Dr. P. Mahapatra explained the concepts of Genetic Algorithm and then elaborated the theory on why the GA are the heuristic search and optimization techniques that mimic the process of natural evolution. His session and explanation were really lucid which cultivated great interest and curiosity in the minds of the students and was appreciated by them. Further he also engaged in interactive brainstorming sessions to help the students to have better understanding of the subject. His presentation was an engrossing experience for all of our students and his quick response to the verbal prompts and excellent doubt clearing session was admired by all.

Outcome: The following were the Key outcome of the Workshop –

- GA is used as tool in different processes to optimize the process parameters.
- Genetic algorithm is a multi-path algorithm that searches many peaks in parallel
- GA is developed to generate the optimal order scheduling solution.

Few glimpses of the workshop



A Webinar on Genetic Algorithm, 24th April, 2020



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Report on Awareness of Trends in Technology

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

Title: One-day workshop on “Computing skills of Application of CIVIL-3D”

Speaker: Mr. Anirban Bhuiin

About the Speaker: M/s ABACUS Digital Private Limited

Date and Time: 06/05/2020, 11.00 AM Onwards

Platform: Zoom Platform

Number of Participants: 48

Objective: The aim of this workshop is to inspire and develop skill sets on CIVIL-3D and its application in Civil Engineering

Dr. Sudhir Chandra Sur Degree Engineering College is glad to announce that Civil Engineering Department has organized a 1-day workshop on “Computing skills of Application of CIVIL-3D” for the students on 06th May, 2020.

Outcome: The following were the Key outcome of the Workshop –

- Introduction to Civil-3D software
- Concept of BIM in Civil Engineering
- Application of Civil-3D software in information modelling of building
- Tutorials and hand-on experience
- Q&A Session

There was a total of 48 participants including the faculty members and students of 2nd, 3rd and 4th Year. of Dept. of CE. The students have shown great enthusiasm during the workshop.

The Workshop was concluded by a very interactive Q&A session where different application of CIVIL-3D software was discussed.

Few glimpses of the workshop



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One-day workshop on "Computing skills of Application of CIVIL-3D", 06/05/2020