Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as 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

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Report on Awareness of Trends in Technology

Organised by

CSE Dept. of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

Title: A Webinar on " Python Programming"

Speaker: Mr. Dipayan Roy.

About the Speaker: System Analyst, ITC infotech

Date and Time: 24/07/2020, 11.00am

Mode: Online

Number of Participants: 33

Objective: To get knowledge on python programming and to learn different industrial application of python.

We are pleased to inform you that Department of CSE of DSCSITSC has organized a webinar "Mentees as Mentor-on Python Programming" on 24th July 2020 in Python Programming.

The seminar has been conducted by Mr. Dipayan Roy (System analyst, ITC infotech). Python is a powerful general-purpose programming language. It is used to develop web applications, data science.
software prototypes and so on. Fortunately for beginners, Python has simple easy-to-use syntax. This makes Python an excellent language to learn to program for beginners.
Mr. Dipayan highlighted the Important Python Features:

- Simple and Easy to Learn.
- Interpreted Language.
- Cross-platform language.
- Free and Open Source.
- Extensive Libraries.

The students were very enthusiastic and asked lots of questions. Around 45 students participated in the Webinar.

Outcome: Students are able to acquire knowledge of python programming applications. Through this event student gather knowledge about python programming applications and its implementation in real life.

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

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MENTEES AS MENTOR
on
Python programming

24th July, 2020 (Friday)
6 p.m onwards

Dipayan Roy

https://jisonline.myperfectice.com/b/rin-gyy-rzz

Organised by
Department of CSE, DSCSITSC

Stay home | Stay Safe | Maintain Social Distaincing

A Webinar on Python Programming" on 24/07/2020

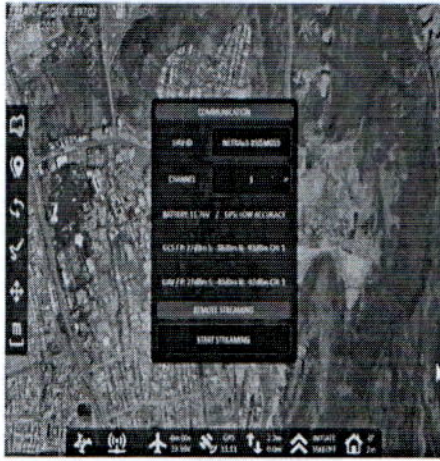**Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex**

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Report on Awareness of Trends in Technology Event

Organized by Department of Civil Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

Title: One-day workshop on "Computing Skills of Emerging Technology in the Field of Survey-Using Drones for Advance Survey and Disaster Management"

Speaker: Mr. Gabriel Vasanthakumaran.S,

About the Speaker: Assistant General D26Manager in M/s Lawrence and Mayo India Private Limited

Number of Participants: 42

Date and Time: 11/08/2020, 2.00 PM - 4.00 PM

Platform: Online

Objective: The aim of this workshop is to inspire and develop skill sets Drones for Advance Survey and Disaster Management

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex is glad to announce that Civil Engineering Department has organized a 1-day workshop on "Emerging Technology in the Field of Survey-Using Drones for Advance Survey and Disaster Management" for the students on 11th August, 2020.

Outcome: The following were the Key outcome of the Workshop –
- Introduction to Advanced Survey
- Application of Drone Survey and LiDAR Technology
- Steps that to be followed for surveying with drones
- Q&A Session

There was a total of 42 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 Drone and LiDAR technology was discussed.

Few glimpses of the workshop

One-day workshop on "Emerging Technology in the Field of Survey-Using Drones for Advance Survey and Disaster Management", 11th August, 2020

Report on Awareness of trends in technology
Organised by
Department of Electronics And Communication Engineering of Dr. Sudhir Chandra Sur Institute of Technology And Sports Complex

Title: Webinar on "Machine Learning"

Speaker: Mr. Sourav Karmakar

About the Speaker: Trainer, Ogma Tech Lab

Date and Time: 19/09/2020, 7:15p.m. onwards

Venue: Online Mode (Google meet)

Number of Participants: 59

Objective: To get accustomed with Machine Learning in the view of Industry requirements. Department of Electronics & Communication Engineering, Dr.Sudhir Chandra Sur Institute of Technology and Sports Complex has successfully conducted a Webinar on "Machine Learning" on Saturday, 19/09/2020 from 7:15p.m. onwards.
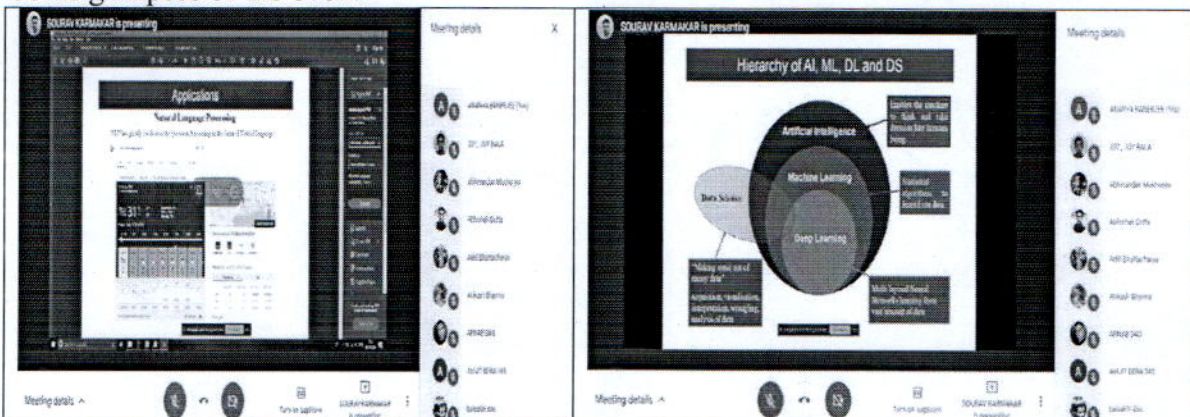
Speaker of this webinar was Mr.Sourav Karmakar,Trainer, Ogma Tech Lab is an Educational Initiative of OGMA IT Conceptions Pvt. Ltd.

He was very much interactive and skillful. So students were extremely satisfied.

We are immensely delighted to inform you that the Webinar on "Machine Learning" went extremely well.

Outcome of the Event: Student can able to understand and implement knowledge from the webinar about the following topics, 1.Hierarchy of AI ML DL DS, 2. Predictive Analytics, 3. Recommended System, 4. Query suggestion, 5. Natural Language Processing, 6. Computer vision, 7. Space Exploration, 8. Supervise learning.

Some glimpses of the event

Webinar on "Machine Learning" on 19/09/2020

Report on Awareness of trends in technology

Organised by

Department of Electrical Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

Title: Industrial Applications of Artificial Intelligence & Machine Learning

Speaker: Mr Joydeep Nath

About the Speaker: Sr. Technical Expert, MicroPro Pvt. Ltd.

Date: 26/02/2021

Time: 04:00pm

Mode: Online

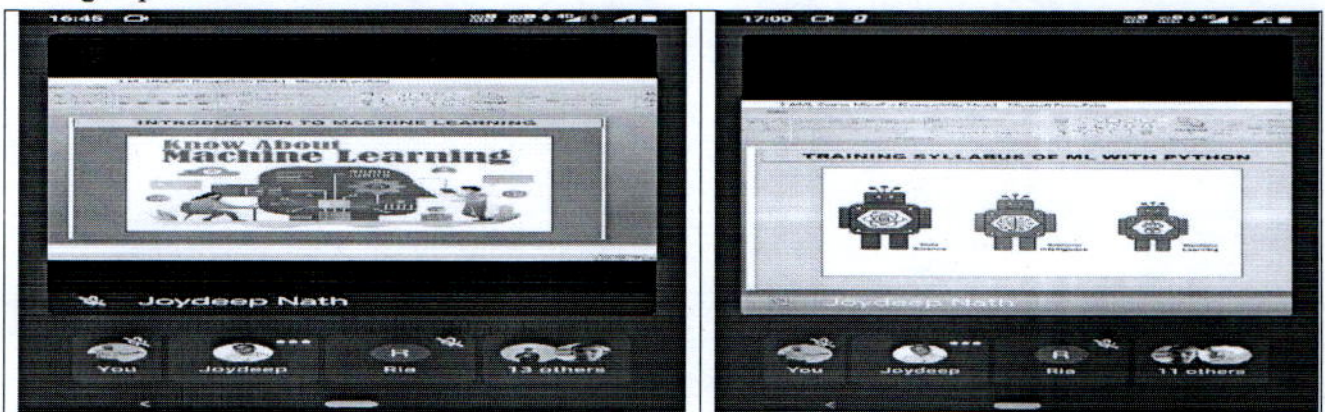**No of Participants:** 34

Objective: To get accustomed with Artificial Intelligence & Machine Learning in view of Industry requirements

Department of Electrical Engineering of Dr Sudhir Chandra Sur Institute of Technology and Sports Complex has organized a webinar on Awareness of trends in technology entitled "Industrial Applications of Artificial Intelligence & Machine Learning" in association with Micro Pro Pvt Ltd. on 26th February, 2021.

Outcome of the Event: The learning outcomes of the Session:

1) Fundamentals of AI
2) Basics of ML
3) Concept of Pattern Recognition
4) Applications and future scopes of AI & ML in Fault Diagnosis

Few glimpses of the event

Industrial Applications of Artificial Intelligence & Machine Learning on 26th February, 2021

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Report on Awareness of Trends in Technology Event

Organised by

Department of Automobile Engineering, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

Title: Program on Internet of Vehicles

Speaker:

Dr. Dhananjay Singh, Associate Professor, Electronics Engineering Department, Hankuk University of Foreign Studies

About the Speaker:

Dr. Dhananjay Singh is currently working as the Associate Professor in the Department of Electronics Engineering, Hankuk University of Foreign Studies. His research interests primarily include the Internet of Vehicles and associated domains.

Date: 26.02.2021

Time: 3 PM onwards

Venue: Online (Google Meet)

No of Participants: 57

Objective: Internet of Vehicles", application of On-Board Diagnostics to make a vehicle smarter, driver less vehicles and 360⁰ solution for driving using 5G network in trial basis.

Description of the Report: At the outset Prof. Samaddar introduced all related research work done by Dr. Dhananjay Singh. After the brief introduction the session started. Dr. Singh in his presentation spoke about "Internet of Vehicles", application of On-Board Diagnostics to make a vehicle smarter, driver less vehicles and 360⁰ solution for driving using 5G network in trial basis at South Korea.

Outcome of the Event:

The attendees:

- Acquired practical skills in relevant to IoV, such as programming for connected vehicles, data analysis for transportation systems, and cyber ecurity for connected devices.

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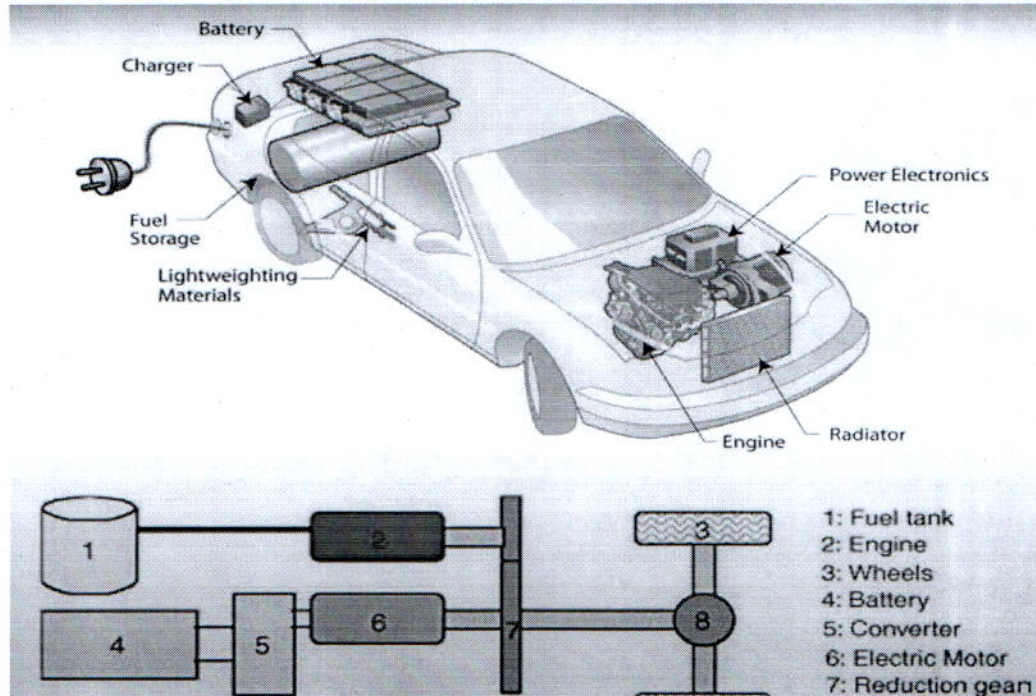540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
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- Gained insights into industry trends, best practices, and emerging technologies in the IoV sector through presentations, panel discussions, and keynote speeches by industry experts.

Snapshot of program on Internet of Vehicles organized by the Department of Automobile Engineering, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex on 26.02.2021

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Report on Awareness of Trends in Technology Event
Organized by Department of Mechanical Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

Title: One-day Workshop on "Covid-19: Scope & Future of Robotics Technology in Industry."

Speaker: Mr. Bhawani Singh and Mrs. Dolly Sharma.

About the Speaker: Mr. Bhawani Singh is the Senior Operational Manager (CSP certified and TOT certified Engineer) and Mrs. Dolly Sharma is the Senior Business Development Manager (TOT certified Engineer) of Vission Automation Private Limited.

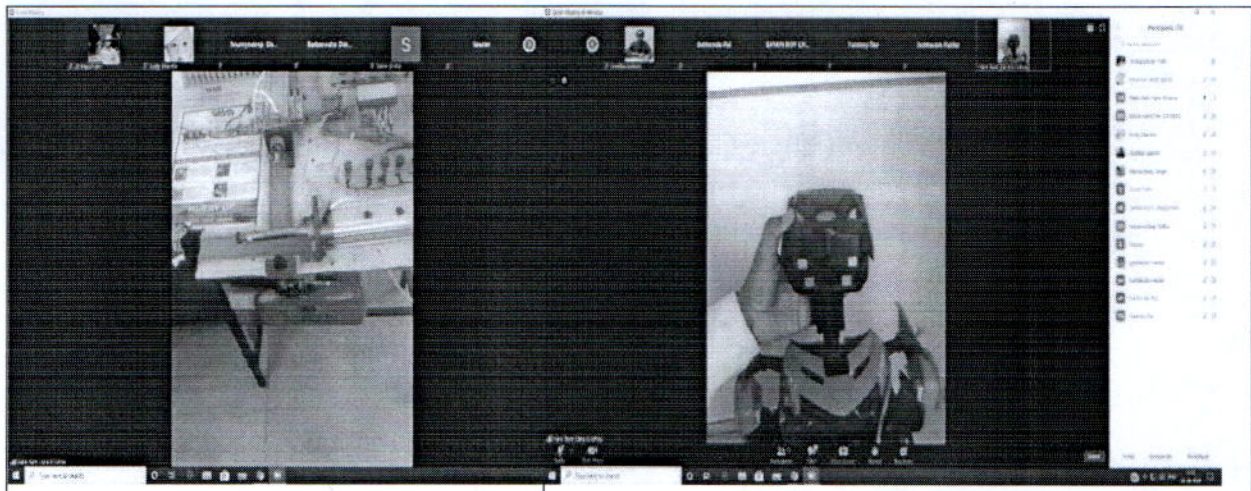**Date and Time:** 25th June 2021 & 11:00 AM onwards

Mode: Online.

No of Participant: 23

Objective: The aim of this workshop is to inspire and develop skill about programmable logic controller (PLC) has been adapted for the control of manufacturing processes. Mr. Singh discussed in details about the Automation Concepts starting from the PLC's and Microprocessor's. He carried on his lecture providing brief explanations of the applications part in different typesofindustries.His session and explanation were really awesome which cultivated great interest in the minds of the students and was appreciated by them. His presentation was an engrossing experience for all our students followed by an excellent doubt clearing session.

Outcome: The following were the Key outcome of the Workshop –•   Introduction of a PLC Programming

- Introduction of basic robot programming controller
- knowledge about different types of microprocessor used in automation industry
- knowledge about basic construction of industrial robot

Few glimpses of the workshop

Workshop on "Scope & Future of Robotics Technology in Industry" ,25th June, 2021