



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

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

Phone: +91 22 25603889, 25603898, 65330375

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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 Design Failure Mode Effect & Analysis
(DFMEA)

Speaker:

Mr. Sambit Pal, Parts Designation Manager, John Deere Private Limited

About the Speaker:

Mr. Sambit Pal is currently working as the Parts Designation Manager in the reputed company John Deere Private Limited. His present research includes to develop automotive products to perform their intended functions and satisfy user needs based on the requirement or user feedbacks.

Date: 09.07.2021

Time: 11 AM onwards

Venue: Online (Google Meet)

No of Participants: 53

Objective: To help the students understand the practices adopted at the Industrial Level to predict the product characteristics using high-end software systems.

Description of the Report: Mr. Sambit Pal initially explained the concept of predicting Product Life used in the Automotive Industries. He explained what are tools, software and its working principles which the industries generally adopt for ensuring the product meeting the customer's needs.

Outcome of the Event:

The attendees:

- Gained competence in utilizing appropriate tools and software to conduct Design Effect Mode Analysis, allowing them to employ these capabilities in practical situations.
- Learnt techniques to optimize ICT systems by analysing and improving design modes, leading to more efficient and effective system performance.



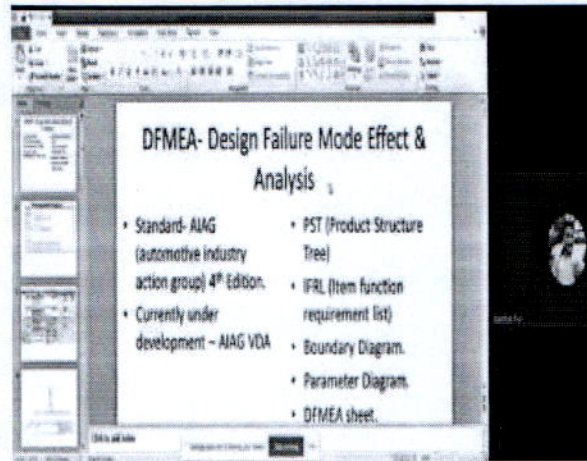
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Snapshot of program on Design Failure Mode Effect & Analysis (DFMEA) organized by the Department of Automobile Engineering, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex on 09.07.2021



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Report on Awareness of Trends in Technology Event

Organised by

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

Title: A Seminar on " Block chain Technology"

Speaker: Mahendra Dutta

About the Speaker: Trainer, Ardent Computech pvt. Ltd.

Date and Time: 09/08/2021, 10.30 am

Venue: Room No: 303

Number of Participants: 72

Objective: The aim of this seminar is to inspire and develop skill sets of block chain technology.

The Department of CSE, DSCSITSC conducted a seminar on "Block chain Technology" on 09/08/2021 between 10.30 AM to 1.00 PM for the students of Dept. of CSE. The seminar was commenced by Industry Expert Mahendra Dutta from Ardent Computech pvt. Ltd.

Students form 2nd year CSE 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 seminar.

Outcome: Students are able to acquire knowledge of block chain technology applications.

Through this event student gather knowledge about security applications of block chain and its implementation in real life.

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



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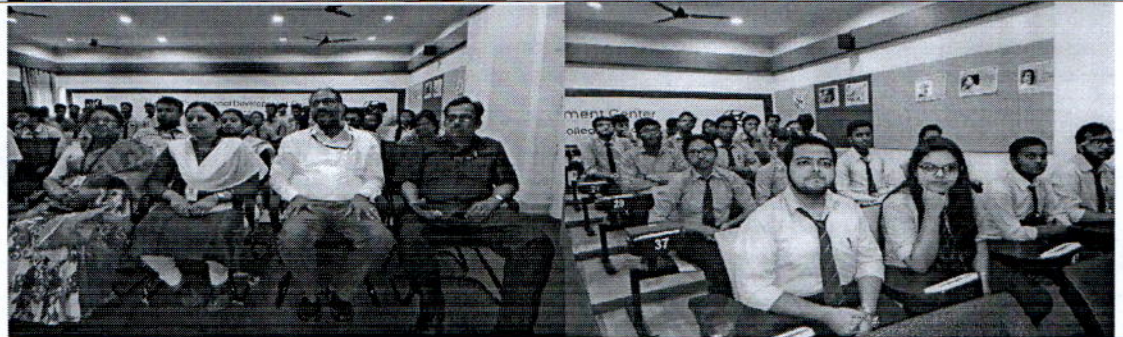
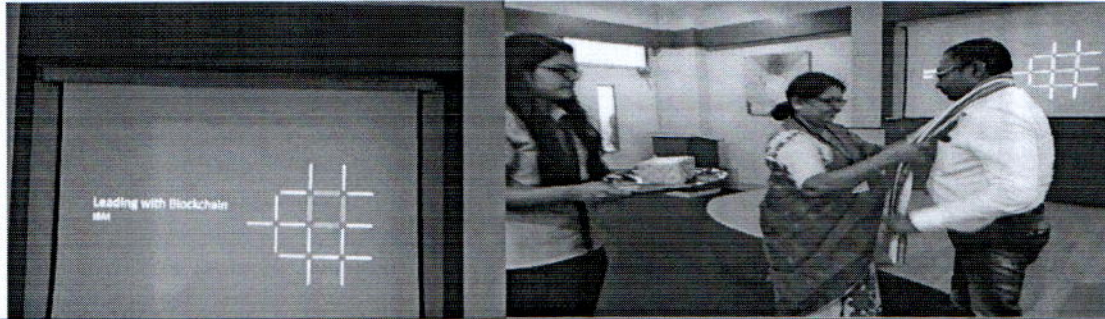
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Seminar on "Blockchain Technology" on 09/08/2021



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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 HEC-HMS”

Speaker: Mr. Suvro Debdas

About the Speaker: Trainer, Sikharthy InfoTech Private Limited

Date and Time: 30/10/2021, 3.00 PM – 5.00 PM

Platform: Online

Number of Participants: 50

Objective: The aim of this workshop is to inspire and develop skill sets of HEC-HMS software in engineering applications

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 “HEC-HMS” for the students on 30th October, 2021.

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

- Introduction to HEC-HMS Software
- Application of HEC-HMS Software in Civil Engineering
- The user interface and tutorial regarding the software
- Q&A Session

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

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

Few glimpses of the workshop



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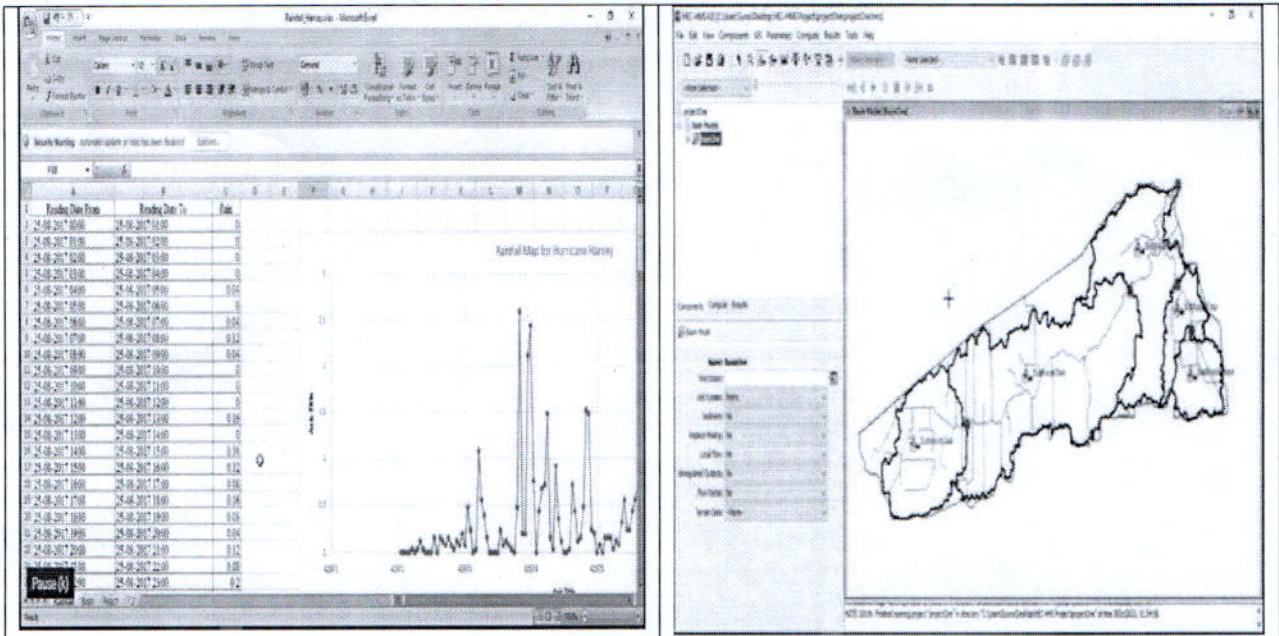
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One-day workshop on "HEC-HMS", 30th October, 2021

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: Webinar on AUTOCAD

Speaker: Mr. Bijoy Naskar

About the Speaker: Senior Technical Expert, Ardent Computech Pvt. Ltd.

Date: 18/02/2022

Time: 04:45pm

Mode: Online

No of Participants: 33

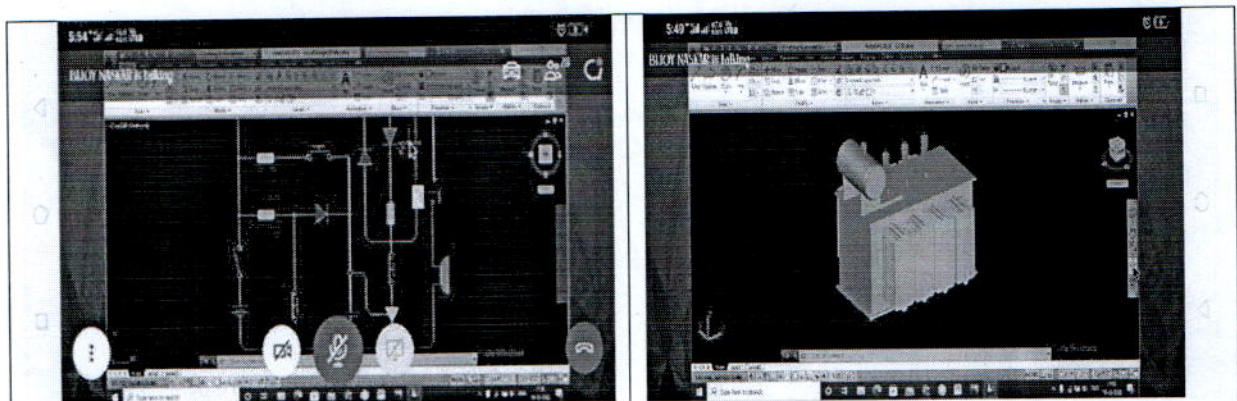
Objective: To familiar with different design aspects of electrical machines that can be accomplished using AutoCAD

Department of Electrical Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex has organized a "Webinar on AUTOCAD" based on Awareness of trends in technology in association with Ardent Computech Pvt. Ltd. on 18th February, 2022.

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

- What is AutoCAD, Familiarization with User Interface, Basic tools & their use for Electrical Drawing & Design, Development of Sectional View of a Machine and illustration of different design aspects of Machines.

Few glimpses of the event



Webinar on AUTOCAD on 18th February, 2022



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**Report on Awareness of trends in
technology Organised by
Department of Electronics and Communication Engineering of Dr. Sudhir
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Title: One Day Workshop on “Voice and Data call flow architecture of GSM Network(2G/3G/4G/ VoLTE)”

Speaker: Mr. Krishnendu Ghosh and Mr. Abhijit Dasgupta

About the Speaker: Vice President of Training and Development and Founder & Director, XVIOT TECHNOLOGIES respectively

Date and Time: 26/04/2022, 11a.m.

onwards Venue: Room Number- 220

Number of Participants: 32

Objective: To get familiar with different design aspects of Voice and Data call flow architecture of GSM Network (2G/3G/4G/ VoLTE).

This is glad to inform you that the XVIOT Technologies has organized a One Day Workshop entitled to “Voice and Data call flow architecture of GSM Network (2G/3G/4G/ VoLTE)” in association with Department of Electronics & Communication Engineering of Dr. Sudhir Chandra Sur Institute of Technology and sports Complex on 26/04/2022 from 11am onwards in SURTECH Campus. Around 32 ECE, B.Tech students were participated in this workshop. Mr. Krishnendu Ghosh, Vice President of Training and Development and Mr. Abhijit Dasgupta, Founder & Director, XVIOT TECHNOLOGIES were the speakers of the entire session. Along with this, students got exposure in hands on experience with the CISCO Switch, Ethernet and others relevant networking operations.

Outcomes of the Event: The students got benefitted in these following aspects:

- Bright future in Telecom Sector with multiple job opportunities.
- Preparation of job interviews with major telecom operators & their MNC Strategic Partners.

Some glimpses of the workshop



Workshop on “Voice and Data call flow architecture of GSM Network (2G/3G/4G/ VoLTE)” on 26/04/2022

**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: Two-Day “workshop on 3D printing and its application”

Speaker: Mr. Samit Das.

About the Speaker: Founder of Srijan Creation, Kolkata.

Date: 12th and 13th May, 2022.

Time: 10.30 am

Venue: COE Computer Lab

No of Participant: 22

Objective: The aim of this workshop is to inspiring and development skills about 3D printing concept and its application in different industrial products

The two-day workshop on 3D printing and its application proved to be highly informative and engaging, equipping participants with valuable skills and insights into the rapidly evolving field of additive manufacturing. The event concluded on a successful note, with participants expressing eagerness to apply their newfound knowledge in their respective fields. Few glimpses of the workshop

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

- Introduction with 3D printing machine
- Introduction with different types of printing filament
- Making different types of 3D printed model prototype
- knowledge about construction a 3D printer

Few glimpses of the workshop



An ICT Workshop on 3D Printing, 12th & 13th May, 2022