**DMI COLLEGE OF ENGINEERING**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**SEMINAR**

| | | |
|---|---|---|
| **Title** | **:** | Ethical hacking |
| **Date** | **:** | 03.08.2019 |
| **Resource Person** | **:** | Mr.Anandraj, Wirecard Technology |
| **Target Audience** | **:** | III & IV year ECE |

The seminar was conducted on Ethical hacking by Mr. Anandraj, Wirecard Technology on 3$^{rd}$ august 2019 for III and IV year students. The purpose of ethical hacking is to evaluate the security and to identify vulnerabilities in systems, networks or system infrastructure. It includes finding and attempting to exploit any vulnerabilities to determine whether unauthorized access or other malicious activities are possible.



Seminar on ethical hacking for III and IV year ECE by Mr.Anandraj, wirecard Technology

Seminar on ethical hacking for III and IV year ECE by Mr.Anandraj, wirecard Technology

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**Title**              :   WOMEN EMPOWERMENT

**Date**               :   07.08.19

**Resource Person**    :   Ms Rizwana, Rexona organization

**Target Audience**    :   ECE, EEE, IT, CSE girls

The department of ECE organized a special programme on WOMEN EMPOWERMENT on 07.08.19. Ms Rizwana from Rexona organization handled the session. Girls from various departments attended the session. Complimentary gifts were distributed to all the participants

Women empowerment program by Ms Rizwana, Rexona organization



Women empowerment program by Ms Rizwana, Rexona organization

Women empowerment program by Ms Rizwana, Rexona organization

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**GUEST LECTURE**

**Title**              :  Innovative projects and Patent filing

**Date**               : 07.08.19

**Resource Person**    : Ms.Rohini Sri and Mr.Arivazhagan from Le Intelligensia

**Target Audience**    : III, IV ECE

The Guest Lecture on " Innovative projects and Patent filing "  was conducted by Ms.Rohini Sri and Mr.Arivazhagan from Le Intelligensia on 07.08.2019. In this session the discussion includes how patents encourage innovation in technological development and deployment. The students were taught to understand that the  patent is the right granted to a patent holder by a state, or by a regional office acting for several states, which allows the patent holder to exclude others from commercially exploiting their invention for a limited period without authorisation.

Guest Lecture on " Innovative projects and Patent filing " for III ECE and  IV ECE students by Ms.Rohini Sri and Mr.Arivazhagan from Le Intelligensia on 07.08.2019



Guest Lecture on " Innovative projects and Patent filing " for III ECE and  IV ECE students by Ms.Rohini Sri and Mr.Arivazhagan from Le Intelligensia on 07.08.2019

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**INDUSTRIAL VISIT**

| | | |
|---|---|---|
| **Title** | **:** | Industrial visit to |
| **Date** | **:** | 07.08.19 |
| **Place** | **:** | Electronic Testing and Development Centre, Taramani, |
| **Target Audience** | **:** | IV ECE |

The department of ECE organized an Industrial visit to Electronic Testing and Development Centre, Taramani, for our IV year students on 14.08.2019.



Industrial visit to Electronic Testing and Development Centre, Taramani, for our IV year students on 14.08.2019

Industrial visit to Electronic Testing and Development Centre, Taramani, for our IV year students on 14.08.2019

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**SEMINAR**

| | | |
|---|---|---|
| **Title** | : | PCB design using ORCAD software |
| **Date** | : | 30.08.2019 |
| **Resource Person** | : | Mr.K.Praveenkumar & Ms.Bhuvaneshwari, CAD Engineer, CADD School Softech Pvt.LTD |
| **Target Audience** | : | II ECE |

The seminar was conducted on PCB design using ORCAD software by Mr.K.Praveenkumar & Ms.Bhuvaneshwari, CADD School Softech Pvt.LTDon 30th august 2019 for II year ECE students. The The seminar focusses on how to create electronic schematics, perform mixed-signal simulation and electronic prints for manufacturing printed circuit boards. The session covers the basic Concepts of Printed Circuit Boards (PCB's), Electronic System Design Flow and the basics of Circuits and Components.

Seminar on PCB design using ORCAD software by Mr.K.Praveenkumar &
Ms.Bhuvaneshwari, CADD School Softech Pvt.LTD on 30$^{th}$ august 2019 for II year ECE
students.



Seminar on PCB design using ORCAD software by Mr.K.Praveenkumar &
Ms.Bhuvaneshwari, CADD School Softech Pvt.LTD on 30$^{th}$ august 2019 for II year ECE
students.

Seminar on PCB design using ORCAD software by Mr.K.Praveenkumar & Ms.Bhuvaneshwari, CADD School Softech Pvt.LTD on 30th august 2019 for II year ECE students.

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**WORKSHOP**

| | | |
|---|---|---|
| **Title** | : | IOT using Arduino software |
| **Date** | : | 30.08.2019 |
| **Resource Person** | : | Mr.A.Parameswaran & Ms.R.Maheswari, Application Engineer Innovate Engineering solutions Pvt.Ltd |
| **Target Audience** | : | III ECE |

The workshop was conducted on IOT using Arduino software by Innovate Engineering solutions Pvt.Ltd on 30th august 2019 for III year ECE students. The basics of Arduino software and the ways to establish communication between smart phones and home appliances using Arduino to control the home appliances were discussed in the workshop. The session also includes the usage of Android device to wirelessly control electrical outlets using relay switches in order to prevent wastage of electricity.

Workshop on IOT using Arduino software by Innovate Engineering solutions Pvt.Ltd on 30<sup>th</sup> august 2019 for III year ECE students

- Ms.Glory.D of second year M.E. communication systems has participated in DST and Texas Instruments India Innovation challenge design contest 2019 conducted by NSRCEL@IIMB
- The third year students of ECE department actively participated in the Technical Symposium *ALTIUS 2019 at* Dhanalakshmi College of Engineering on 28.08.2019.