



# POORNIMA

## COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

### Poornima College of Engineering, Jaipur

#### Activities Organized under the MoU with Elektrolites (P) Pvt. Ltd.

S .N.	Department	Date	Type	Name of Activity	Page No.
1	Electronics & Communication Engineering	11/12/2022	Workshop	Use of AI in Electronics Engineering	2-9

  
**Dr. Mahesh Bundele**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-0, FIICO Institutional Area  
Sisupura, JAIPUR



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### A REPORT ON EXPERT LECTURE

**TITLE AND DURATION:** “ Use of AI in Electronics Engineering” on Dec 11, 2022.

**SPONSORS & SUPPORTERS:** MoU - PCE and Elektrolites (P) Pvt. Ltd.

**ORGANIZER(S):** Department of Electronics & Communication Engineering, Poornima College of Engineering, Jaipur.

#### **EXPECTED OUTCOMES:**

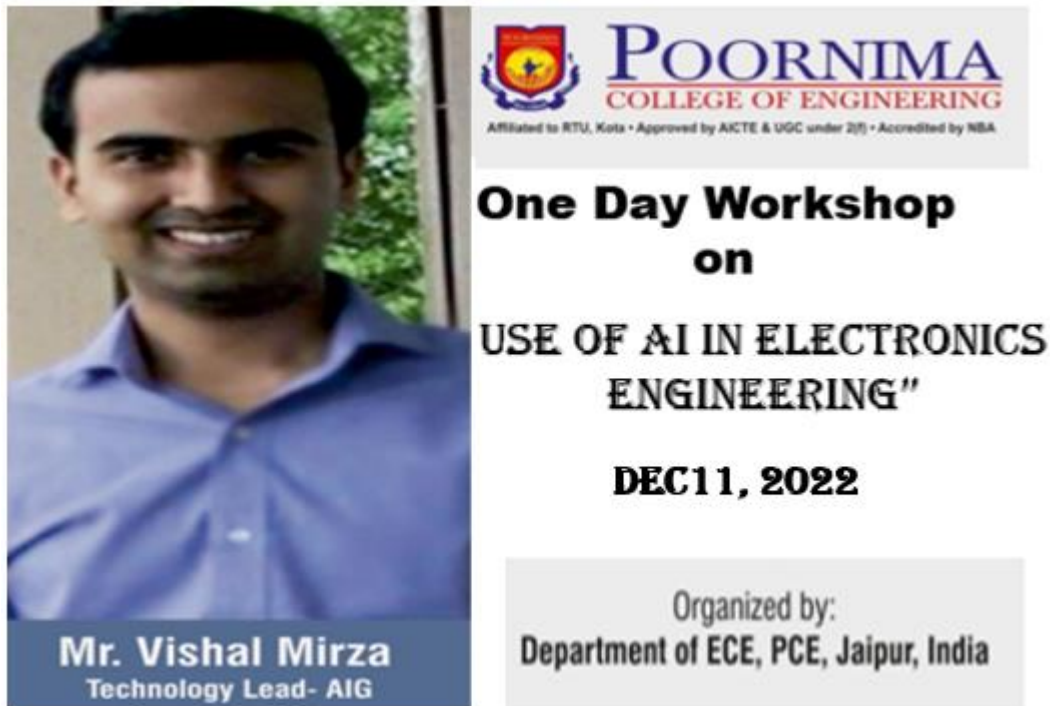
- Identify problems that are amenable to solution by AI methods and Represent knowledge of the world using logic and Infer new facts from that knowledge Industry.
- Demonstrate the capability to create simple AI applications using Natural Language Processing and machine learning
- Elucidate the best practices for Chatbot development.

#### **MAPPINGS WITH PO & PSO:**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	-	-	2	-	-	-	-	-	-	-	2	-	-
CO2	1	-	3	-	-	1	-	-	2	-	-	-	1	1	-
CO3		2	-	-	3	-	-	-	-	-	-	-	-	2	-

**ASSESSMENT TOOLS:** Nil

## EVENT POSTER



**POORNIMA**  
COLLEGE OF ENGINEERING  
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**One Day Workshop  
on  
USE OF AI IN ELECTRONICS  
ENGINEERING"**

**DEC 11, 2022**

**Mr. Vishal Mirza**  
Technology Lead- AIG

Organized by:  
Department of ECE, PCE, Jaipur, India

## ABOUT THE SPEAKER

Mr. Vishal Mirza, Technology Lead-AIG, Project Lead developing state of the art softwares and machine learning models for the next generation insurance products such as Vehicle Damage Analysis, Medical Fraud Detection and Telematics. Efficiently executed the research projects worth more than a million dollar by working closely with the Systems, Architecture, ETL and DevOps teams.

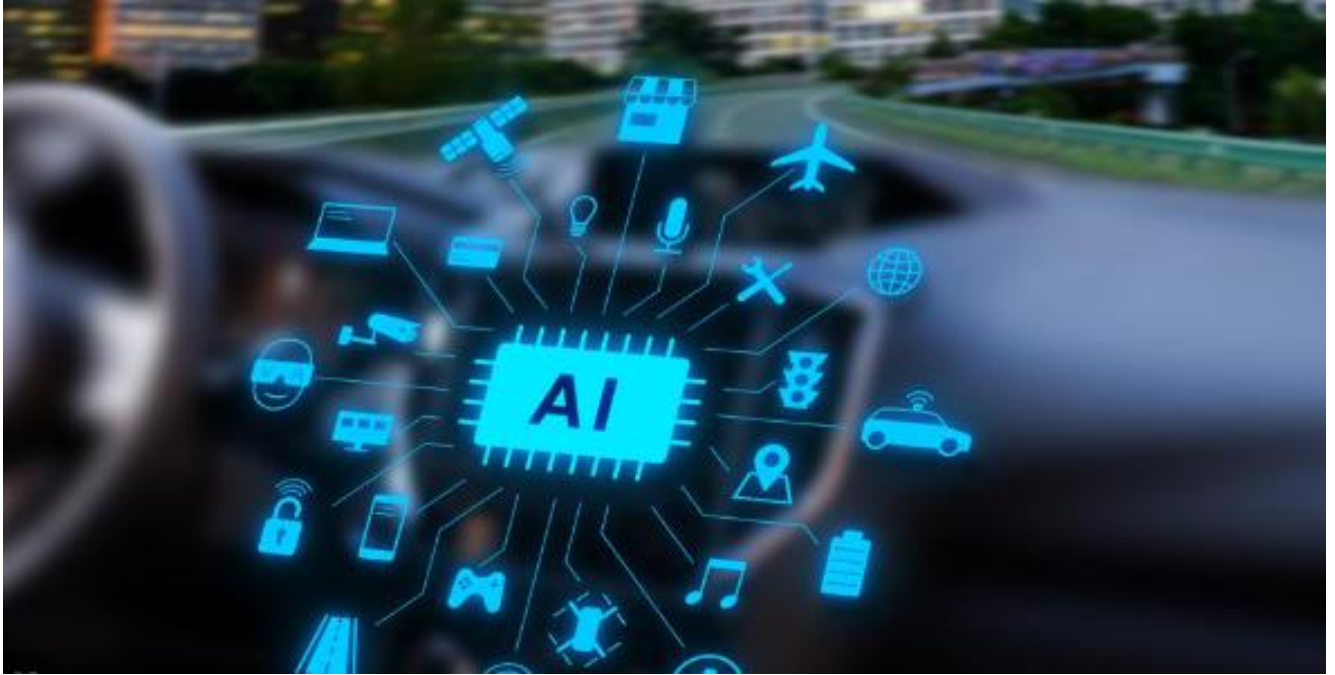
Researched and designed a machine learning model that classified a damaged car into total-loss and repair category. Successfully represented the business case of the model to the senior level management within the company. Created scripts and web-scraping programs to obtain the market price of the cars, damaged part cost and the labor cost.

## DESCRIPTION OF EVENT

Department of Electronics & Communication Engineering, Poornima College of Engineering, Jaipur, organized a workshop on "Use of AI in Electronics Engineering" on Dec 11, 2022 by Mr. Ajmeet & Mr. Rajveer, Department of Electronics and Communication Engineering, Poornima College of Engineering, Jaipur Raj.

The main objective of this Workshop was to discuss the basics of technical skills. Dr. Mahesh Bundele, Director, PCE, Jaipur and Mr. Pankaj Dhemia, Vice Principal, PCE, Jaipur gave welcome address and brief description about the Workshop. Speaker took an interactive session with participants. From this workshop, participants can learn how to build a schematic and evaluate circuit performance through interactive simulation and advanced analyses while creating custom capture and simulation parts. At the end of this workshop, students can design and simulate a circuit that is ready for board layout and routing. The hands-on format of this course is the quickest way to become productive with industry.

## SCREENSHOTS OF SESSION







## PARTICIPANTS DETAILS

Roll	Registration No.	Name of Students
1	PCE20EC001	AA YUSHI BOHRA
2	PCE20EC002	ABHIJEET
3	PCE18EC003	ABHISHEK GUPTA
4	PCE18EC004	ADITI AGRAWAL

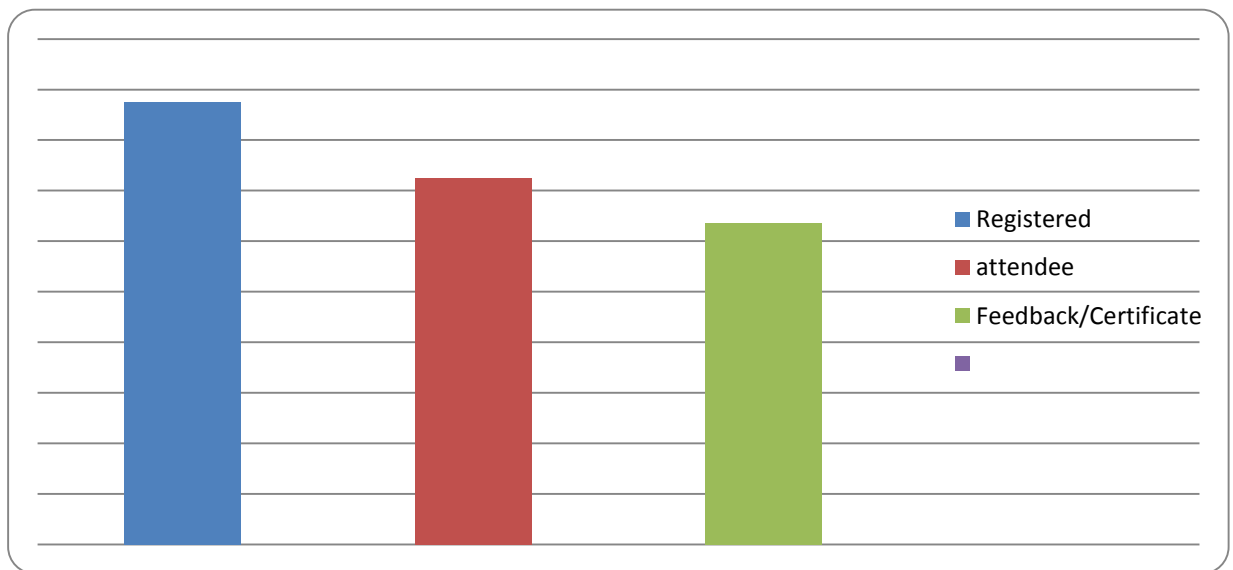
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5	PCE18EC005	AKASH SUMAN
6	PCE18EC006	AMAN JAIN
7	PCE18EC007	ANANYA KATARA
8	PCE18EC008	ANIKET SHARMA
9	PCE18EC010	ANKITA PRAJAPAT
10	PCE18EC011	ANSHIKA CHECHANI
11	PCE18EC014	APOORVA MEENA
12	PCE18EC015	ARUSHI GUPTA
13	PCE18EC016	ATUL KUMAR SINGH
14	PCE18EC017	AVANTIKA SONI
15	PCE18EC018	AYUSH CHAPLOT
16	PCE18EC019	BHAWANA GAUTAM
17	PCE18EC020	BHOOMIKA AGRAWAL
18	PCE18EC021	CHITRIKA BAGOTIA
19	PCE18EC022	DEVASHISH
20	PCE18EC023	DIKSHANT KUMAR RATHORE
21	PCE18EC025	GUDDU KUMAR
22	PCE18EC026	GULSHAN RANA
23	PCE18EC027	HARSH SAINI
24	PCE18EC028	HARSH SHARMA
25	PCE18EC029	HRITIK KUMAR
26	PCE18EC030	ISHITA CHAUHAN
27	PCE18EC031	JAYESH SINGH CHOUHAN
28	PCE18EC032	JINESH KHANDELWAL
29	PCE18EC033	KONIKA JAIN
30	PCE18EC034	LAKSHYA RUSTAGI
31	PCE18EC035	MANAAL MISHRA
32	PCE18EC036	MANDRAWLIA NARIN KUMAR GIRIRAJ
33	PCE18EC037	MANISH KUMAR
34	PCE18EC038	MANISH KUMAR SHARMA
35	PCE18EC039	MANU JAIN
36	PCE18EC040	MAYUR MAHESHWARI
37	PCE18EC041	MOHIT SONI
38	PCE18EC042	MUKUL CHOUDHARY
39	PCE18EC043	NEERAJ KHANDELWAL
40	PCE18EC044	NEHA
41	PCE18EC045	NIKSHUBHA SHARMA
42	PCE18EC046	NITISH KUMAR CHOUDHARY
43	PCE18EC047	PAYAL DHAR
44	PCE18EC048	PRATIK PRABIR
45	PCE18EC049	PRIYANSHU JAIN
46	PCE18EC050	RAHUL RATHI
47	PCE18EC051	RAVI RANJAN KUMAR
48	PCE18EC052	RAVINA SRIVASTAVA
49	PCE18EC053	RITIK SHARMA
50	PCE18EC054	RIYA JAIN
51	PCE18EC055	ROJ KANWAR
52	PCE18EC056	SAIPHALI AGRAWAL

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53	PCE18EC057	SAKSHAM SONI
54	PCE18EC061	SHUBHAM TIWARI
55	PCE18EC062	STUTI GITE
56	PCE18EC063	SWAPNIL RAJ SONI
57	PCE18EC064	UTKARSH AGRAWAL
58	PCE18EC065	UTSAV SHARMA
59	PCE18EC066	VANSH GUPTA
60	PCE18EC067	VANSHIKI AGARWAL
61	PCE18EC069	VIKASH KUMAR
62	PCE18EC502	SUSHANT MALHOTRA
63	PCE19EC701	ALPANA

**FEEDBACK ANALYSIS**



#### FEEDBACK/ATTAINMENTS:

The overall feedback from the students and faculty was excellent. Participants has given positive remarks about session and wanted to have more such sessions.

#### FEEDBACK ANALYSIS:

The content of the workshop/Activity/Conference is rated as:

- a) Excellent by 43.57% of participants
- b) Good by 53.35% of participants
- c) 2.52% say needs improvement
- d) 0.57% have not responded

Presentation of the workshop/Activity/Conference is rated as:

- a) Excellent by 50.78% of participants
- b) Good by 49.22% of participants

Management/ Administration of the workshop/Activity/Conference is rated as:

- a) Excellent by 52.59% of participants
- b) Good by 43.7% of participants
- c) 3.7% say need improvement

Overall Workshop/Activity/Conference is rated as:

- a) Excellent by 85.26% of participants
- b) Good by 14.74% of participants

How could this Workshop/Activity/Conference be improved?

- a) By giving multiple problems using different articles.
- b) By asking questions about the topic and solving that queries



Any other comments/suggestions:

- a) We would like to have a more practical approach considered in the future.
- b) Basic Language and fundamental concepts can be enhanced in an effective manner.
- c) Nil
- d) Increase the days of Workshop/Activity/Conference.