

**Academic Year:** 2023-2024

**Activity:** Two-day “**Project Expo**” by final year students.

### Consolidated Report

As per the schedule in the department’s academic plan, a project expo was conducted on **26-04-2024** & **27-04-2024** for II & III = CSE, II & III – IT, II & III – CSE (AIML), II & III - CSE (DS) students by final students, of CSE & IT dept. A total of 364 of II year and 323 of III year students, had actively participated in expo conducted by both CSE and IT departments.

Among 80 projects of both CSE and IT departments, the best 30 had been selected by the Project Review Committee for the expo.

Projects covered all the major domains of CSE & IT

- Internet of things
- Machine Learning
- Artificial Intelligence
- Cloud Computing
- Data Mining
- Full stack development
- Web Development
- Computer Networks
- Distributed Computing
- Android Development

The PRC, of the department consisted of a group of Professors and associate Professors

- Dr. V. Goutham
- Dr. S. Sreehari Raju
- Dr.H.M.Naga Raju
- Mr. G. Sravan Kumar
- Mrs. CH. Ramya
- Mrs. S. Radhika
- Mrs. P Santhi Priya

The expo was conducted at two venues, the Incubation Center, II floor, SOE, NNRESGI, and CSE Seminar Hall, III floor, SOE, NNRESGI. The expo started at 10.00 AM and lasted till 3.30 PM, both days.

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The list of projects exhibited at the expo is

S. No.	PROJECT TITLE
1	An Iot Based Smart Plant Monitoring and Watering System
2	Breast Cancer Prediction And Analysis using Machine Learning
3	Smart Helmet and Intelligent Bike System for Accident Prevention and Rapid Response
4	Securing Data using Cryptography and Steganography Techniques
5	Source-Location Estimation In Earthquake Early Warning
6	Comparative Analysis of Skin Cancer Detection Models: A Study of Random Forest and Convolutional Neural Network Approaches
7	Real-Time Ambulance Detection:Lightweight Tensorflow Model for Traffic Management Systems
8	Noise Supressed Image Enhancing Environment
9	Predicting the Rice Leaf Diseases using CNN
10	Predicting Renewable Curtailment in Distribution Grids
11	Facial Attendance System
12	An Android Based Application For Revolutionizing Home Design
13	Iot- Enhanced Precision Agriculture
14	Classification Of Eye Disease using Fundus Images
15	Sensing Approach for Analysis of Landuse and Landcover(Lulc) using High Resolution Satellite Data
16	Smart Helmet for Underground Mining Personnel
17	Soil Type Prediction using Machine Learning
18	Smart Security Fight Detection Using Deep Learning
19	Mcq Generation using Bert XI Net
20	Analyzing Customer Sentiment Near Realtime using Aws Service
21	Uni Connect Integrated Student Desk Solution
22	Laser Security System Using Arduino
23	Automatic Plant Watering System using Node Mcu
24	Classification Of Smart Grid Stability Prediction Using Cascading MI Methods
25	Chatbot With OpenAI And Summarization with LLM
26	Coin Based Mobile Charging Using Arduino
27	Artificial Intelligence for Cyber Threat Detection Using Event Profiles
28	Automated Public Lighting
29	Smart Driver Alert System
30	Increasing Productivity of Plants Based on Iot

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#### Glimpses of Day 1:



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### Glimpses of Day 2:



### OUTCOME:

II and III year students got aware of the importance of pursuing clear objectives, interfaces to be managed, significant number of hierarchical layers, time and schedule urgency, conscious project selection decisions, product demonstrations and trending technologies.

A handwritten signature in black ink, appearing to be "B.H." followed by a long horizontal stroke.

HEAD-CSE