The Spintronics NEWSLETTER

J. B. Institute of Engineering & Technology

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Department of ECE

Vision

To be a guiding force enabling multifarious applications in Electronics and Communications Engineering, promote innovative research in the latest technologies to meet societal needs.

Mission

- To provide and strength encore competencies among the students through expert training and industry interaction.
- To promote advanced designing and modeling skills to sustain technical development and lifelong learning.

INSIDE HIGHLIGHTS

HOD'S MESSAGE   **EVENTS**   **Students and Faculty Achievements**

Dr. Towheed Sultana
HOD, ECE

Message from HOD

"**Kudos to our outstanding students and faculty for their remarkable achievements! Your commitment and excellence set a high standard for our institution. Keep up the fantastic work!**"

Events Conducted

➢ Lecture on OBE

➢ Three Day Workshop on Disaster Management

➢ Awareness on Outcome Based Education

➢ Three Day Workshop on "Arduino Prototyping"

➢ Student Achievement

Lecture on OBE by Bijaya Kumar Muni

A three-day workshop on disaster management is organized in the department. The program is headed by or guided by Mr. S. Bikshapathi, SFO, Chevella, Hyderabad.

Brochure for Disaster management workshop

Three Day Workshop on Disaster Management Practical Demonstration

Department of Electronics and Communication Engineering

CLIQUE

3 DAY WORKSHOP ON DISASTER MANAGEMENT

16th to 18th November 2022

Felicitating Mr. S. Bikshapathi SFO, Chevella

Awareness on Outcome Based Education

Three-Day workshop on "Arduino Prototyping"

Clarifying doubts by the Resource Person

Hands on Project Working By Participants

Speech by Towheed Sultana

Students Discussing with Teammates

Stud

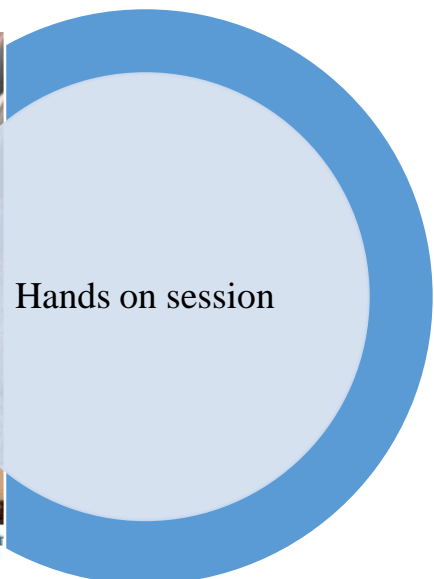Students working and discussing with team

...ining by Reso...

Project Explanation by the Resource person.

...s by the Resource Person

Hands on Project Working By Par...

Hands on session

Solving Problem by Co-Ordinators

Teams with their Projects

Group Picture of Participants with their Respective Projects

Felicitating the Resource Person

Felicitating the Resource Person

Student Feedback

Group Picture with Participants and Co-Ordinators of Arduino Prototyping

Student Achievements

Name of the Student	Event
Samba Pravalika	Course on theoretical understanding of C organized by Sololearn on 18th Aug 2022
K Nithya	Two day National Level workshop on Artificial Intelligence organized by department of CSE, J.B.Institute of engineering and technology From 15th September to 16th September 2022
J Devaki Nandini	Two day National Level workshop on Artificial Intelligence organized by department of CSE, J.B.Institute of engineering and technology From 15th September to 16th September 2022
Vazeer Sowmya	Technovanza 3,0 internal Hackathon for smart India Hackathon held at CMR Technical campus Hyderabad on 26th September 2022
Rudra Sucharitha	Online internship program on IOT application development from 8.11.2022 to 7.12.2022
Rudra Sucharitha	Free online course resume building provided by great learning academy on December 2022
Rudra Sucharitha	Free online course on Aptitude Basics provided by great learning academy on December 2022
M.Vamshi	Completed his Internship on Development of a Mote for Wireless Image Sensor Networks in Embedded systems ,on Intrainz on 25-12-2022 to 25.12.2022
K.Rakshit Reddy	Completed online course on Resume Building ,at Great Learning ,on 12-12-2022.
Pravalika	Participated in three day Arduino Prototyping organized by team clique from 20.12.2022 to 22.12.2022
Boga Rishith	Participated in three day Arduino Prototyping organized by team clique from 20.12.2022 to 22.12.2022
C.Rakesh	Completing a free online course RESURE BUILDING ,at Great learning Academy on 21-12-2022.
Ashwini	Participated in three day Arduino Prototyping organized by team clique from 20.12.2022 to 22.12.2022

Faculty Achievements

Consultancy Project

- Guest Greeting Robot worth Rs 2,65000/- Sanctioned by Maneco company to .Dr.P K Pradhan and 2.Dr.Himanshu Sharma and 3.Mr.Bijayakumar Muni
- Performance evaluation of reactive routing protocols in Manets". Rs 40000/ Sanctioned by institute to Ms Sowmya B
- Grant of Rs 60,000/- was received for project Humanoid teacher –advanced robotic teaching assistant to Dr. Prasanta Kumar Pradhan
- Training Program on communication equipments and experiments to Hi-Q Technology Staff by Mr. Raj kumar D Bhure

Patents

- Intelligent Reader And Navigation System Toassist Blind People Using Raspberry Pi by Dr. Towheed Sultana, Dr.Md salauddin, Dr. Himanshu Sharma, K. Snehalatha, Raj Kumar D Bhure, N.Ramesh Babu
- Food Quality Monitoring Using Wireless Passive Sensors by Dr. Towheed Sultana, Dr.Md salauddin, Dr. Himanshu Sharma, K. Snehalatha, Raj Kumar D Bhure, N.Ramesh Babu
- Intelligent Head Light Brightness Auto Adjustment System For Vehicle byDr. Anindya Jana ,Dr. Prasanta Kumar Pradhan , B Sowmya B Shravan Kumar, Bijaya Kumar Muni, B.Supriya