

PBR VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE::KAVALI

(Affiliated to J.N.T.U.A., Anantapuram and Approved by AICTE, New Delhi)

DEPARTMENT OF EEE

ACADEMIC YEAR: 2024-2025

EVENT REPORT

NAME OF THE EVENT	: “IoT Applications in Electrical Engineering Workshop”
DATES OF EVENT	: 11-09-2024 to 12-09-2024
TIME	: 9 AM to 5 PM
VENUE	: Computer Lab-II (Mech Block)
PARTICIPANTS	: 50 (IV EEE)
EVENT CO-ORDINATOR	: A. Bhaktha vatsala, HOD & Assoc. Professor, EEE
RESOURCE PERSON	: Green Corner Technologies (Pvt) Limited.

REPORT:

The Department of Electrical Engineering, PBR VITS, organized a workshop on **'IoT Applications in Electrical Engineering'** from 11th to 12th September 2024. The resource persons for the workshop were from Green Corner Technologies (Pvt) Ltd., SPSR Nellore.

At 9:00 AM, the workshop on 'IoT Applications in Electrical Engineering' commenced in the Computer Lab (B003) with an introduction to the resource persons. The HOD of EEE, Mr. A. Bhaktha Vatsala, introduced the representatives from Green Corner Technologies (Pvt) Ltd.

OUTCOMES:

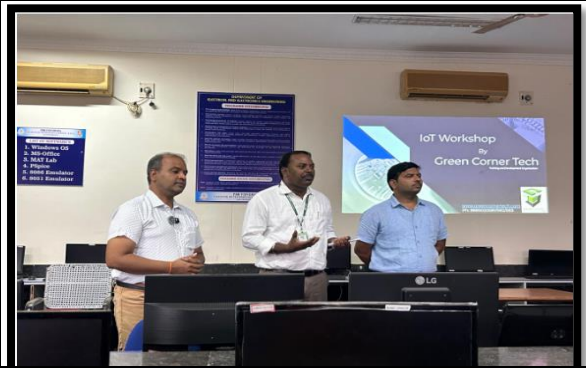
1. Understand the concept of IoT in Electrical Engineering.
2. Analyze various types of motionless sensors and motion detectors.
3. Apply various applications of IoT in smart grid.
4. Design future working environment with Energy internet.
5. Students gained the knowledge on various types of architectures and communication protocols.
6. Students also gained the knowledge on assembling the various IoT modules with electrical loads and relays.

Signature of the Coordinator


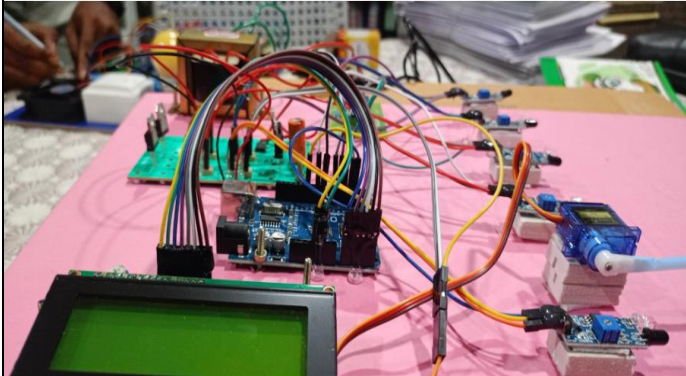
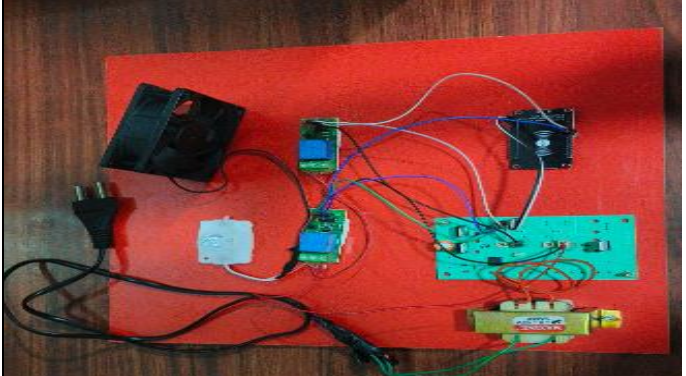
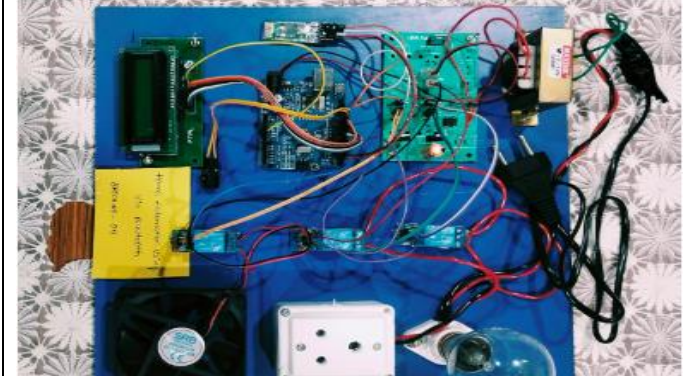
Signature of the HOD

PHOTOGRAPHS

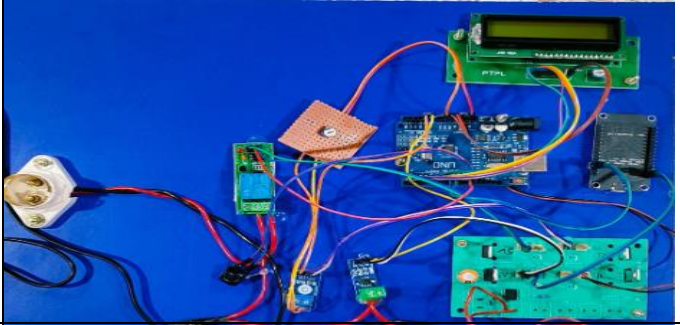
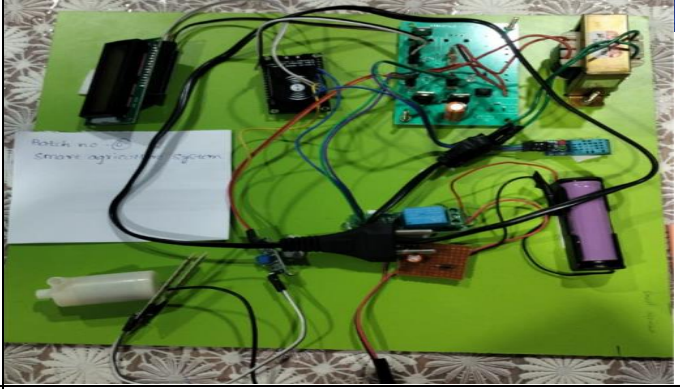
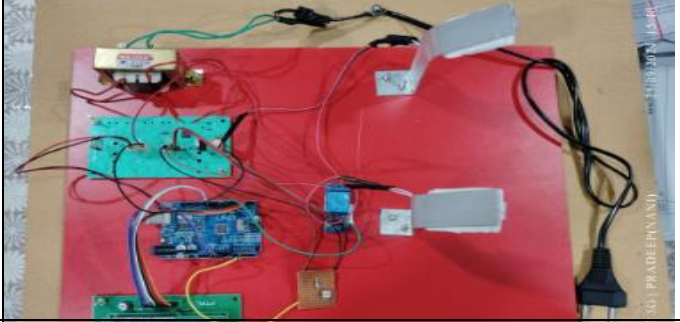

 **PBR VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE : KAVALI**
(AUTONOMOUS)
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
A Workshop on
"IoT Applications in Electrical Engineering"
Organized By
GreenCornerTech
(A Unit of Patnam Technologies Pvt.Ltd)
Date : 11-09-2024 to 12-09-2024



LIST OF PROJECTS FABRICATED & EXECUTED

S.No	Batch No & List of Students	Project Title with Photograph
1	<p><u>Batch No - 01</u></p> <p>1. M.Mallika - 21731A0234 2. M.Balaji - 22735A0202 3. K.V.Sainadh - 21731A0230 4. T.Saketh - 21731A0217 5. k.Reshma - 21731A0229 6. N.Akshinth - 21731A0237 7. P.Pujitha - 21731A0235</p>	<p>Title: Smart Energy Meter Through IoT</p> 
2	<p><u>Batch No - 02</u></p> <p>1.T.Vijayareddy - 22735a0206 2. Sk. Yusuf - 21731a0244 3. S. Sekhar - 21731a2046 4. K. Simhadri - 21731a2027 5.Ch.Teja - 21731a0214 6. Sk. Yasin - 21731a0243</p>	<p>Title: Smart Parking System Through IoT</p> 
3	<p><u>Batch No -03</u></p> <p>1. S. Anusha - 21731A0247 2. U. Kishore - 20735A0227 3. B. Surekha. - 21731A0203 4. R. Sunil. - 21731A0242 5. V. Nandadeep- 21731A0250 6.Ch.Prakasham - 22735A0203</p>	<p>Title: Home Automation Through IoT</p> 
4	<p><u>Batch No- 04</u></p> <p>1) Ch. John Gavaskar -21731A0211 2) K. Reethika - 21731A0226 3) E. Harsha Varhan - 21731A0216 4) Ch. Sowmya - 21731A0212 5) K. Sujitha -21731A0224 6) B. Dharma - 21731A0201</p>	<p>Title: Home Automation Via Bluetooth</p> 

LIST OF PROJECTS FABRICATED & EXECUTED

S.No	Batch No & List of Students	Project Name with Photograph
5	<p style="text-align: center;"><u>Batch No - 05</u></p> <p>1.D.Bharathi -21731A0215 2.G.Pavani -21731A0219 3.I. Keerthana -22735A0204 4.SK.Shajeer -22735A0205 5.K.Bala Vishnu -21731A0223</p>	<p style="text-align: center;">Title: Smart Electric Grid</p> 
6	<p style="text-align: center;"><u>Batch No - 06</u></p> <p>1.P.brahmaji -22735A0201 2.Y.Poojitha -21731A0251 3.G.Sreya -21731A0220 4.Ch.madhan -21731A0213 5.ch.divya -21731A0208 6.b.nageswari -21731A0206</p>	<p style="text-align: center;">Title: Smart Agricultural Systems</p> 
7	<p style="text-align: center;"><u>Batch No - 07</u></p> <p>1.P.Pradeep - 21731A0239 2.J.Sravani - 21731A0222 3.J.Nikitha - 21731A0221 4.M.Kartheek - 21731A0233 5.S.V.Subbarao- 21731A0245 6.K.Madhan - 21731A0225</p>	<p style="text-align: center;">Title: Automatic Street Lighting</p> 
8	<p style="text-align: center;"><u>Batch No - 08</u></p> <p>1) Ch. Lokesh - 21731a0207 2) Ch. Deepak Babu- 21731a0210 3) B. V. Sai Sumanth-21731a0205 4) B.Ajay Kumar -21731a0202 5) Ch. Pavitra -21731a0209 6) N. Mousma -21731a0238</p>	<p style="text-align: center;">Title: Temperature Controlled Fan (Controller)</p> 

Signature of the Coordinator

Signature of the HOD