



Visvesvaraya

College of Engineering & Technology

(Approved by AICTE, New Delhi & Govt. of T.S., Affiliated to JNTUH, Hyderabad.)
(Sponsored by : Jawahar Educational Society) (An ISO 9001 - 2018 Certified Institution)
M.P. Patelguda (V), Ibrahimpatnam (M), Ranga Reddy Dist - 501510, T.S.



3.2.1: Institution has created an Ecosystem for innovations and has initiatives for creations and transfer of knowledge.

S. No	Name of Eco-system Projects	URL
1	Arduino Based Rain Detection Alarm	View Document
2	Traffic Control System by Using Arduino	
3	Arduino Based Fire Detection and Larm System Using Smoke Sensor	
4	Arduino Based Home Automation Using Bluetooth	
5	Design Of Low-Cost Women Security System Device	
6	Design And Development of Sun Tracking Solar Panel	
7	Automatic Water Irrigation System	
8	Smart Gardening Automation Using IOT With Power Saver Using Solar Energy	
9	Smart Forming System Using IOT For Efficient Crop Growth	
10	IOT Flood Monitoring & Alerting System	
11	Solar Based Smart Agriculture with IOT Enabled Climatic Change and Fertilization of Soil	
12	Intelligent Street Light Automation with Illumination Control	
13	Intelligent Border Security Intrusion Detection and Auto Destroy System using IOT	
14	IOT Based Smart Energy Meter in Smart Cities	
15	Wireless sensor Network Based Agriculture Field Monitoring System	
16	Eco Friendly cleaning Machine	
17	Drain Scrap Collecting System Using Chain Mechanism	
18	Dual way pesticide Sprayer	
19	Voice Controlled Bluetooth Wheel Chair	
20	IOT Based Smart Waste Management System for Smart Cities	
21	Efficient Planning Designing and Managing of Infrastructure Using Building Information modeling	View Document
22	Utilizing Artificial neural Network for Predicting Properties of Concrete Mix design	
23	In the construction Wastemanagement Domain and Handling of Smart Material	
24	Automatic moveable railway platform with auto fencing system monitoring and control using IOT	
25	AI based prevention of collision in railways	
26	Cloud assisted IOT based SCADA substation monitoring and alert system.	
27	Design and construction of earth fault detection and auto alert system	
28	Design and development of an autonomous flood gates using Aurdino-uno motor drive controller	
29	Dual axis solar tracking and wind power-based electricity generation and monitoring using IOT.	
30	Industrial power transformer load sharing and auto alert IOT.	
31	IOT based substation monitoring and control	
32	Power lines power theft monitoring and auto alert system to power offices using web servers.	
33	Single phase solar induction motor control and auto power mode over IOT.	
34	Smart borewell child rescue system using AI.	
35	Solar power based wireless war field robot over IOT.	

36	Techno-economic design and assessment of grid isolated hybrid renewable energy system for agriculture sector	
37	Auto Power supply from four different source monitoring and control over IOT	
38	IOT based electrical device Surveillance and control system	

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PRINCIPAL
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