



## Event Report

# Two days workshop on Internet of Things

A two days workshop on Internet of Things was organized by Department of CSE in the Even semester of academic year 2022-23. The workshop was conducted by Innovians Technologies in association with IIT, Varanasi on 15<sup>th</sup> & 16<sup>th</sup> September 2023. It was inaugurated in the presence of Dr. Geeta S. Lathkar, Director of MGM's College of Engineering, Dr. S. L. Kotgire, Vice Principal of MGM's College of Engineering, Dr. A. M. Rajurkar, HOD of CSE Dept., B.S. Kapre, D.B. Aghor & Chennoji M.R. as Workshop co-ordinators & Asst. Prof, Dept. of CSE, all faculties of CSE department and our resource person.

There was enthusiastic participation of 57 students from CSE, IT & ECT departments. The main motive of this workshop was to provide students with a hands-on experience of Android app development. The first day began with warm welcome of resource person Mr. Anvesh Reddy from Innovians Technologies, Noida, Uttar Pradesh. In the first session, he gave an introduction of Internet of Things to the participants. It covered the basics of sensors & actuators, introduction to Cloud Computing, The NodeMCU Platform, Programming fundamentals (C language) and Programming & Interface of Sensors. In the second session he focused on hands-on practice. Few simple projects were implemented by students' teams under the guidance of the trainer. Teams of 4 students each were formed and hardware kits were provided to each team for implementing small projects.

On Day-2 few more hands-on projects were implemented by participants in the first session. Later project competition among the teams was organized by the recourse person in conclusive session. The winning criterion for the competition was to develop a predefined pattern LED blinker using the NodeMCU kit within given time. The winner & runner teams were awarded with certificate of excellence. These teams were selected to participate in the project competition that will be held at IIT, Varanasi in March 2024.

Feedbacks were collected from participants after the workshop. It highlighted the workshop as a successful event and also conveyed the students' readiness for attending the advance level workshop with same enthusiasm.



Inauguration of the workshop by lamp lighting and Saraswati vandana



Director's address to the participants





HOD's address to the participants



Participant students in interaction with trainer and co-ordinators





Participants with trainer and co-ordinators after completion of the workshop



Winning Team with trainer and co-ordinators





Runner up Team with trainer and co-ordinators



Faculty and student co-ordinators with trainer