



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to JNT University, Kakinada)

MADHURAWADA, VISAKHAPATNAM – 530048

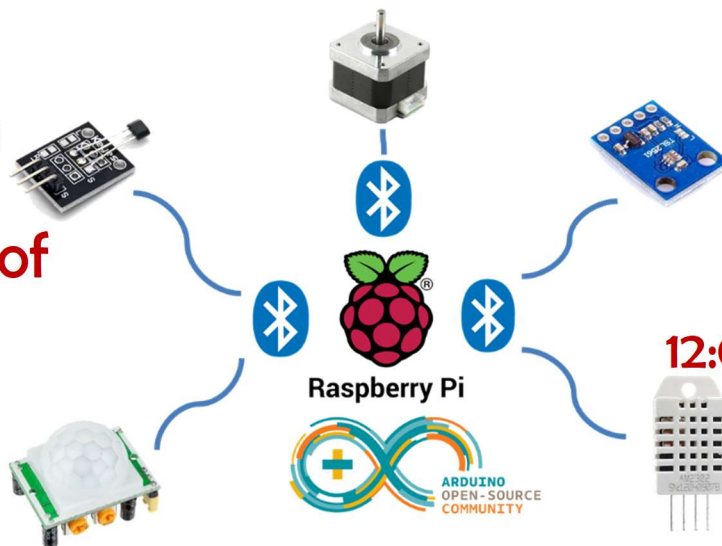
Website : www.gvpcew.ac.in



Fight Covid-19 using “IoT”

(a 5-Day Hands-on Workshop via Online Mode)

Organized by
Department of
ECE



6th July, 2020
to
10th July, 2020

12:00 pm – 02:00 pm

In association with



Enovate Skill

a unit of

Enovation Lab LLP, Chandigarh

Resource Person



Mr. Ajay Kumar Godara

Director

Enovation Lab LLP, Chandigarh

DETAILS OF THE WORKSHOP

Agenda

1. Introduction to basics of components and circuit simulation, Introduction to Arduino
2. Arduino sensor interfacing with simulation tools
3. IoT using Arduino Uno .
4. Designing customized Android Application for Bluetooth controlled devices
5. IoT using Raspberry Pi, Graphical programming for Raspberry Pi

Mode of Online Sessions

ONLINE through Zoom application. The link details will be intimated through separate notification to the registered participants.

Registration

- Registration Fee -- Rs. 100/-
- Mode of Payment
– GooglePay / PhonePe to 9948722220 : P V K Chaitanya
- Registration Link
(Should have Payment Screenshot, UPI Transaction ID)
<https://tinyurl.com/ycct6ddb>

* e-Certificates will be provided to those participants who complete the questionnaire at the end of the workshop.





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About the Institute

G.V.P. College of Engineering for Women is established under the aegis of Gayatri Vidya Parishad, an educational society founded by eminent academicians, industrialists, and Philanthropists of Visakhapatnam. To empower women in technological and engineering fields, the society has established this engineering college exclusively for women in the year 2008. It is a self-financed institution offering excellence in engineering education and is affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK), approved by AICTE, New Delhi.

The College is offering UG courses in CSE, IT, ECE, EEE and a PG Course in ECE. B.Tech programming in CSE, ECE, IT are accredited by NBA till 2022. The institute has very good infrastructural facilities, e-classrooms, and well equipped laboratories. The college has well qualified faculty to train the women engineers who are in pursuit of their professional careers in the courses offered by the institute.

About the Department

The department of Electronics and Communication Engineering offers B.Tech Program in E.C.E and M.Tech program in VLSI Design and Embedded Systems. The department has a team of 21 dedicated and experienced faculty members out of which 7 faculty hold Ph.D degree. The department has state-of-the-art laboratories with advanced software and hardware to facilitate research in major areas of ECE. The ECE department started in 2008 with an initial intake of 120 students in UG Program. In 2011, the department started a PG Program in VLSI Design & Embedded Systems with an intake of 18 students. The UG program is accredited by NBA till 2022.

About Enovate Skill

Enovate Skill is a unit of Enovation Lab LLP, Chandigarh, ISO Certified company. It was started by National Institute of Technical Teachers training & Research, Chandigarh (under MHRD) Alumnus 3 year back with a motto of imparting hands on skill training in Robotics, IoT and 3-D design. Enovate skill is an ISO certified company in education as well as R&D. Till now Enovate skill has trained more than 10,000 Students through PAN India. Enovate skill has a patent in Renewable Energy domain.

Objective of the Workshop

IoT is a transformational force that can help industries improve performance through IoT analytics and IoT Security to deliver better results. Businesses can reap the benefits of IoT by making more informed decisions, aided by the torrent of interactional and transactional data at their disposal.

The objective of this workshop is to take engineering students/faculty from Embedded Systems towards Internet of Things (Connected Things). This workshop will provide hands-on training on Arduino and Raspberry Pi Devices. It enables the participants to explore the area of Internet of Things and develop IoT applications.

Who can Participate

Faculty / Students of any discipline / branch