Registration:

- Prior registration for the workshop is mandatory.
- Last date for registration:- 5th of August 2016
- Refreshment will be provided.

ARDUINO UNO

Chief Patron:
Shri V.M. Patel, President, KSV

Patron:
Prof. D. T. Kapadia, Director, KSV
Prof. A.J Patel, Principal, VPMP Polytechnic

Advisory Committee:
Mr. N.B PATEL   Mr. C.H .Bhatt
I/C Head, EC Dept   I/C Head, EC Dept.

Co-ordinator
Mr. Ritesh.B.Patel

Correspondence:
Mrs. Ritesh.B.Patel
Mo. 9429227872
Email:ritesh1481983@gmail.com

ONE DAY WORKSHOP
ON
ARDUINO

Jointly Organized By

ISTE STUDENT CHAPTER
ELECTRONICS & COMMUNICATION
DEPARTMENT

VPMP POLYTECHNIC
GANDHINAGAR
Sector 15, Near Kh-5,
LDRP-ITR Campus
Gandhinagar Gujarat- 382015

About Workshop

Arduino refers to an open source electronics platform or board and the software used to program it. Aurduino can be used to develop interactive objects, taking inputs from a variety of switches or sensors and controlling a variety of lights, motor and other physical Outputs. Arduino projects can be stand alone or they can communicate with software running on the computer.

Date of Workshop: 8th of August 2016

Time: 9:00 AM to 5:30PM

Venue: VPMP POLYTECHNIC, Gandhinagar

Who should attend this workshop?

- Engineering students.
- Those who are doing research in embedded system.
- An electronics hobbyist.

Workshop Contents

➢ Getting Started with Arduino.
➢ Introduction to Arduino Platform & Software
➢ LED Interfacing.
➢ LCD Interfacing.
➢ Different Sensor Interfacing.
➢ Seven Segment Interfacing.
➢ GSM / GPS Interfacing.
➢ Relay Interfacing
➢ DC Motor Interfacing.

About Electronics & communication Department

- Electronics and communication Department of VPMP POLYTECHNIC is potential and versatile.
- We are having 120 seats (60 (F.S.) + 60 (S.S.)) for The students of this branch.
- Department staff is of high caliber and having wide Experience in research and development and work Experience in public sector.
- The courses run for the different semester covers all the modern technologies that are required for good Electronic and Communication Engineer.
- The department is also having modern facility conducting practical and also having modern application software which are required for the development of practical skill for the students.

Programme Objectives

This workshop has emphasis to provide a platform for interaction and to discuss about the recent advances, new paradigms, technological trends and challenges in the field of Embedded Systems. Also this workshop provides an excellent opportunity to exchange ideas on the topics of importance along with thought provoking technical sessions like real time project training in Arduino micro-controller by eminent experts from our Departments.

About Institute

- The VPMP Polytechnic Gandhinagar is one of the best diploma institute in the capital of Gujarat.
- The college was established in 2006 for making perfect junior engineer, planner and statesman of the country.
- VPMP has a beautiful green campus in the heart of the capital of about 10 acres near Vidhan sabha Bhawan.
- All departments & laboratories are housed on the campus.
- Hostels accommodating about 400 boys and 250 Girls students.

Resource Persons

Workshop will be conducted by EC Department VPMP Polytechnic

Mr.D.B.PATEL
Email:dharmesh1077@gmail.com

Mr.Vipul.N.Patel
Email:vipulpatel.vpmp@gmail.com

Workshop Fee

Workshop fee   Rs.350

Certificate will be issued