



ATHARVA EDUCATIONAL TRUST'S  
**ATHARVA COLLEGE OF ENGINEERING**

(Approved by AICTE, Recognized by Government of Maharashtra  
& Affiliated to University of Mumbai - Estd. 1999 - 2000)

Department of Electronics and Telecommunication Engineering

**Report On**

5 days Webinar & Hands on Training on

**“Arduino Embedded System & Raspberry Pi”**

**Dated** : 4th Aug to 8th August 2020.

**Schedule**: 10:00 am to 1:00pm

**Coordinators**: Dr.Jyoti Mali (VP, HR and Admin)  
Prof.Sameul Jacob (VP, Technical)  
Prof.Mahalaxmi Palinje  
Prof.Jyoti Dange  
Prof.Joslyn Gracias

**Details of the Speaker and session:**

Sr.No.	Name of Speaker	Industry	Designation	Session
1.	Mr.Ankit Patil	Techq Konnect Technologies Pvt Ltd.	CEO and Founder	10:00 am to 1:00pm

**Objective of webinar:**

1. Introduction to Arduino, ESP-12E, & Raspberry Pi.
2. Hands-on training on circuit design and C programming .
3. Exposure to Industrial application of Embedded systems.

**Brief Description:**

The importance of practical knowledge for better Jobs & Career is highlighted by MU & universities all over the world every time. The Department of Electronics and Telecommunication Engineering in association with IEEE and IETE students chapter in collaboration with \*Techq Konnect Technologies Pvt Ltd, organized this 5-Days webinar and Hands -on Training on “ Arduino , Embedded systems and Raspberry Pi”, for TE and BE students of ACE ( for the Academic year 2020-2021) of all branches.

The session was conducted on Google Meet and the link was be mailed to all the registered participants via mail on daily basis along with feedback/assessment form.

Photographs:



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Department of Electronics and Telecommunication Engineering

**ATHARVA COLLEGE OF ENGINEERING**  
Department of Electronics and Telecommunication Engg.  
Presents  
**5 DAY WEBINAR AND HANDS ON TRAINING ON ARDUINO, EMBEDDED SYSTEMS & RASPBERRY PI**  
In Collaboration with  
**TECH2CONNECT TECHNOLOGIES PVT. LTD.**  
For T.E. III<sup>rd</sup> students of ACEI for the Academic Year 2020-21 (All Branches)  
**Free Registration**

**Key Features:**  
• Introduction to Arduino, ESP 101 & Raspberry Pi  
• Cloud Storage and Embedded System Programming  
• Basic programs and real time applications to work on local and remote server  
• Hands on implementation of the above applications on cloud platform  
• Guidance on Internet based program execution which involves Embedded Systems  
• Exposure to Industrial Applications of Embedded Systems

**Workshop Dates & Timings:**  
09-August-2020 to 13-August-2020  
10:00 AM to 12:00 PM

**Speaker:**  
Mr. Ankit Patil, Founder - Tech2Connect Technologies Pvt. Ltd.

**Organizers:**  
Prof. Dr. Anil Kulkarni (Chair, Principal, Atharva & IIT) Prof. Anand Joshi (Vice-Principal, Technical) Prof. Chandrashekhar Patil (Coordinator) Prof. Jyoti Sengupta (Coordinator) Prof. Anand Kulkarni (Coordinator)

• Certificate will be provided to all participants after attending the program and filling the feedback form after each session.  
**Registration Link:** <https://www.tech2connect.com/2020/08/07/5-day-webinar-and-hands-on-training-on-arduino-embedded-systems-raspberry-pi/>  
**Last Date for Registration is 3rd August 2020**  
Call: +91 964 716 474  
Email: [info@tech2connect.com](mailto:info@tech2connect.com)  
+91 964 716 474  
All participants must register to join the Zoom Meeting after registration is completed in Zoom-Webinar Form.

**WEBINAR SCHEDULE**

Day	Topic
DAY 01	ARDUINO
DAY 02	ARDUINO + EMBEDDED SYSTEMS
DAY 03	EMBEDDED SYSTEMS
DAY 04	RASPBERRY PI
DAY 05	RASPBERRY PI

**ESP - DE MODULE SPECIFICATION, PINS & CONFIGURATIONS**

• ESP8266 is a small microcontroller module based on the ATmega32U4 microcontroller.  
• It has a small footprint and is easy to use. It is a good choice for many applications, especially for the maker community.

**ESP8266 - PINS & CONFIGURATION**

ESP8266 - PINS & CONFIGURATION

## Outcome:

1. Students gained hands-on experience on using the Arduino and other boards for several applications.
2. Students were enriched with the knowledge of versatile applications of this microcontroller.
3. Competitive evaluation resulted in enthusiastic participation.
4. Several Real Time projects were discussed with students.
5. Each participant was awarded a E certificate.



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Interactive sessions with practical demonstrations by our eminent Speaker Mr.Ankit Patil, encouraged participants to have clear understanding and provoked their minds to explore techniques.

**No. of Participaunts:** 115 students and faculty

**Workshop Committee**

Prof. MahalaxmiPalinje  
Prof. Joslyn Gracias

**H.O.D (EXTC)**

Prof. JyotiKolap