

DECLARATION OF THE CANDIDATE

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration. In case I am unable to attend the course, I am prepared to forego the refundable advance paid by me (if applicable).

Place :
Date :

Signature of the candidate

IMPORTANT DATES

Last date for receipt of applications : 10.01.2016
Date of intimation : 11.01.2016

REGISTRATION DETAILS

Category	Registration fees
Research Scholars/ Faculty member	Rs. 500/-
Industry persons	Rs. 1,000/-

The selected candidates will be intimated only through e-mail. If required, kindly take photocopy of the registration form for multiple use.

For Registration & Details Contact:

Convener : Mrs. F. Vincy Lloyd, HoD—ECE
Co-ordinators : Mrs. K.A. Sundari , AP/ECE
Ms. P Subbulakshmi.,AP/ECE
Mr. M. Nagavignesh, AP/ECE

Department of Electronics & Communication Engg,
RVS Technical Campus - Coimbatore,
Kumarankottam Campus, Kannampalayam
Coimbatore – 641 402, Tamil Nadu.
Mobile: 9842584477, 9994271152, 9003564381
Email-Id: rvsfoecedept@gmail.com

ABOUT THE COLLEGE:

RVS Technical Campus - Coimbatore, (RVSTCC) an organization with novelty took birth in the year 2009 with the motive to impart exceptionally superior technical education. RVSTCC is approved by AICTE, New Delhi, ISO 9001-2008 Certified Institution and affiliated to Anna University, Chennai. The college bestows an erudite atmosphere crafted with ethics, to adorn the education of the students. The college is geared up with excellent facilities and state-of-the-art infrastructure. It inculcates research attitude within the students and concurrently nurtures them with industry-demanding caliber.

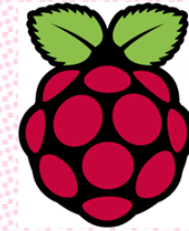
ABOUT THE DEPARTMENT:

The Department of Electronics and Communication Engineering is committed to impart industry and research based quality education for developing innovative Electronics Engineers. The laboratories are equipped with latest technology hardware and software in the fields such as Electronics, Communication, Digital Electronics, Digital Signal processing, Optical & Microwave, Microprocessors & Micro controllers Laboratories. The main aim is to foster the technical background of the engineers by providing the platform to express their finding as products.



TWO DAYS FACULTY DEVELOPMENT PROGRAMME ON “EMERGING TRENDS IN IoT USING RASPBERRYPI”

12th & 13th January 2016



Organized by

**Department of Electronics and
Communication Engineering**



RVS Technical Campus – Coimbatore
Coimbatore – 641 402
Phone: 0422 – 2681123, 2681124
<http://www.rvstcc.ac.in>



An ISO 9001 Certified Institution

INTRODUCTION

Raspberry PI is one of the most popular open source development platforms available in the market today. It is a miniature credit-card sized powerful computer that let designers develop multi-media applications - media playback & streaming, gaming, graphics etc. Raspberry PI operates on Linux and has Broadcom BCM2835 - full HD multimedia SOC which includes ARM11 running at 700MHz and Video Core IV GPU.

The ECE department of RVS TCC is supporting a two-day workshop on raspberry PI for the development of IoT stream.

TOPICS COVERED

Day 1: Raspberry Pi 101

- Introduction to Rbp and Open Source Physical Computing
- build Rbp with NOOBS, Raspbian and windows10 IoT
- Programming the Pi with C & python

Day 2: IoT Programming with Raspberry Pi

- Introduction: Internet of Things
- GPIO, ADC, SPI,I2C AND UART
- Interfacing with Sensors (Temperature, PIR, Distance etc)
- Making a Temperature logger using Raspberry-Pi & SQL
- Hosting your website on Raspberry-Pi

ELIGIBILITY:

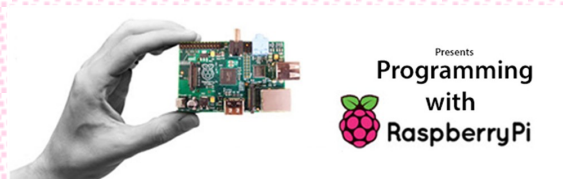
Engineering college professors working in the Departments of Electronics and Communication Engineering, Mechatronics and Computer Science Engineering are eligible. However, teachers working in the departments other than those mentioned above are also eligible to participate provided they have an aptitude and interest to work in the field of the programme. Interested practicing engineers from industries may also apply. The strength permitted by organizer is 30, which will vary depending upon the response.

ORGANIZATION OF THE PROGRAM

The resource faculty will be drawn from Vi Microsystems Pvt Ltd. This Faculty Development Programme is being organized to benefit the teachers/Engineers, who wish to learn the techniques in the above mentioned fields for their future teaching/research activities. This programme on “Internet of Things” will be marked by sharing the knowledge of experts from related disciplines. The course includes lectures and laboratory.

SELECTION PROCEDURE:

The applicants can submit their duly filled in applications to the coordinator along with the registration fee. Selection will be made by short listing the aspirant applicants, which will be based upon their experience in teaching, practicing and research in the above mentioned fields.



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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
RVS TECHNICAL CAMPUS – COIMBATORE
COIMBATORE – 641 402**

APPLICATION FORM

Name(in block letters) :

Qualification :

Organization :

Designation :

Address for
Communication
With PIN Code :

Phone:(O): (R):

Mobile :

E-Mail Id :

Experience (in Years) : Teaching

Industry

Research