VIDYA ACADEMY OF SCIENCE & TECHNOLOGY
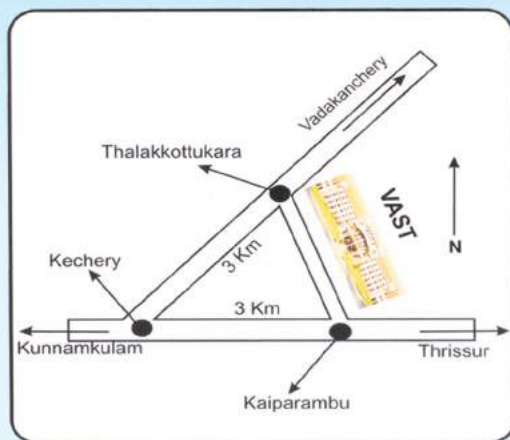### THALAKKOTTUKARA
THRISSUR, KERALA – 680501

Vidya Academy of Science and Technology (VAST), is a new generation self-financing engineering college, administered by Vidya International Charitable Trust (VICT). The college is affiliated to University of Calicut, approved by AICTE and certified by ISO 9001:2008 certification.

The department of ECE was established in 2003. It offers a 4 years B.Tech in ECE and 2 years M.Tech in Embedded Systems programme. It has distiguished team of faculty and the department is equipped with high quality technology infrastructure.

Route Map

CONVENER
Dr. S. Swapna Kumar
Professor & Head of Department
Deparment of ECE,VAST
09995493058

CO-ORDINATORS
Mrs. HoneyMol P K
Deparment of ECE,VAST
Assistant Professor
09946372380

Mrs. Divya Unni
Deparment of ECE,VAST
Assistant Professor
09446153508

E-MAIL: eceassociation@vidyaacademy.ac.in

REGISTRATION

Registration Fee : ₹500/- (External Participants)
₹300/- (Internal Participants)

Mode of Payment : Online (NEFT/IMPS)
A/C Name : ECE Technical Cell
A/C No : 240301000002449
Name of Bank : Indian Overseas Bank
Branch : Thalakkottukara
IFSC Code : IOBA0002403

Registration Link: www.vidyaacademy.ac.in

IMPORTANT DATES

Last Date of Registration	: 27th February 2017
Intimation of Selection	: 28th February 2017
Date of Programme	: 2nd - 4th March 2017

Resource Person

Mr. Pankaj Kumar G
Asst. Professor
FISAT, Angamaly, Ernakulam

ARNOS VELUR - 09446444188

Faculty Development Programme
on
"PYTHON PROGRAMMING IN IMAGE PROCESSING & MACHINE LEARNING"

2nd to 4th March 2017

Organised by:

DEPARTMENT OF
ELECTRONICS & COMMUNICATION ENGINEERING
In association with

Vidya Academy of Science & Technology
(A unit of Vidya International Charitable Trust)
Approved by AICTE and Affiliated to APKAKTU & University of Calicut
An ISO 9001-2008 Certified Institution

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About ECED

The Department of Electronics and Communication Engineering (ECE) provides an unrivaled education in Electronics and Communication engineering and Embedded System (ES) to our graduates and post graduate students. Department started Under Graduation programme with an intake of 60 in the year 2003. The Post Graduation Programme was started with an intake of 18 in the year 2013.

The Department of ECE (PG) - Embeded System Design is recognized as the research center with all computing facilities, State-of-the-art laboratories, and efficient teaching professionals and well stacked department library. Presently, Department of Electronics & Communication Engineeirng offers a 4 years B.Tech in ECE with an intake of 120 regular students, 12 lateral entry students in the 3rd semester and 2 years M.Tech in Embedded Systems programme with an intake of 24 students.

About FDP

Python is a programming language that lets you to work more quickly, integrate your systems effectively, gain more productivity and with lower maintenance costs. Python has emerged as an excellent choice for scientific computing because of its simple syntax, ease of use, and elegant multi-dimensional array arithmetic. Hands on training mode in this workshop will help the participants to master the use of Python for Engineering Problems.

The Topics covered are:

- What is Python
- Setting up Python
- Understand the basic structure of a Python program
- Image processing using Open CV
- Machine Learning

Session Details

DAY 1 (02-03-2017)

08:30 – 09:00 AM	: Registration
09:00 – 09:30 AM	: Inauguration
09:30 – 12:30 PM	: Basics of Python - Part I
12:30 – 01:30 PM	: Lunch Break
01:30 – 04:20 PM	: Basics of Python - Part II

DAY 2 (03-03-2017)

09:00 – 12:30 PM	: Basics of OpenCV
12:30 – 01:30 PM	: Lunch Break
01:30 – 04:20 PM	: Object detection & Image stitching

DAY 3 (04-03-2017)

09:00 – 12:30 PM	: Face recognition
12:30 – 01:30 PM	: Lunch Break
01:30 – 04:20 PM	: Machine Learning with Python

Who can Apply?

Faculty from AICTE approved Engineering colleges, indutries and R&D oragnisations can participate. PG students in related discipline are also eligible.

Accomodation

Participants have to make their own arrangements for travel, boarding, lodging, etc. However, participants can make use of college buses in the normal service routes and accommodation in hostel can be arranged on request in advance, for a limited number.