

A Two day Hands-on training

On

“Practical Python Programming (PPP): Introduction and Beyond”

06 & 07 September, 2018



ORGANIZED BY



Department of EEE

K.S.R. College of Engineering
Tiruchengode – 637 215

Namakkal Dt.
Tamilnadu

Website: www.ksrce.ac.in

SCOPE OF THE WORKSHOP

Python language is so widely used worldwide, that we can find libraries for almost everything. There are millions of developers and individuals who automate, build and create applications and products using python. Undoubtedly python is a great start for your programming journey. Python is an easy to learn, powerful programming language. Free/Open Source Software brings many compelling benefits to our country which is a developing nation with an enormous potential.

Python is a modern programming language that is increasingly used in the field of Scientific Computing together with the environment. Python is an open source alternative to the commercial software MATLAB. Python puts the emphasis on well-readable code, so beginners can learn the language very quickly. Nevertheless, Python is a powerful programming language and can also be used for larger projects. Further advantages of Python are the platform independence and the very extensive standard library supplied.

OBJECTIVES

- To provide a practical exposure to the participants in developing Applications with the help of Python language
- This workshop will provide you an ideal stepping stone for further developing programming skills in Python
- To introduce students to the Python programming language and several libraries particularly useful for the humanities and social sciences.

COURSE CONTENT

- ✓ Introduction to Python
- ✓ Variables ,Types, Numbers and Math
- ✓ Passing arguments
- ✓ Indentation and Block of code
- ✓ Functions, Parameters, Returns
- ✓ Conditional statements and Loops
- ✓ Lists, Dictionaries, Sets, Strings
- ✓ File operations, Exception handling
- ✓ Practical exercises
- ✓ Python Project

WHO COULD ATTEND?

- The seminar is aimed at newcomers to the Python language. Experience in other scripting or programming languages would be an advantage but is not a requirement.
- Any Engineering student of any year and any branch is eligible for this workshop.
- Research scholars, Faculty members, Engineers from R&D Institutions and Industries.

REGISTRATION FEE

1. For UG/PG Students : Rs.400/-
2. For Faculty / Staff : Rs.500/-

HOW TO APPLY

The participants should send their registration form in the specified format along with DD drawn in favor of “**The Principal, K.S.R. College of Engineering**” payable at “Tiruchengode”.

ABOUT THE INSTITUTION

K.S.R. College of Engineering was established in the year 2001 by Aarthi Educational and Charitable trust, approved by AICTE, New Delhi and affiliated to Anna University, Chennai. Our College is an ISO 9001–2008(E) certified and accredited by NAAC with ‘A’ Grade in 2017. The institution is conferred with the Autonomous status by UGC & Anna University, Chennai in the year 2012. Our College offers 7 UG and 13 PG Programs in Engineering, Technology and Management. The College has completed sixteen years of dedicated service in the field of Technical Education with an avowed mission to inculcate the students self-learning abilities that enable them to become competitive and considerate engineers, technologists, scientists, managers, administrators and entrepreneurs by diligently imparting the best of education, nurturing environmental and social needs. K.S.R. College of Engineering stands 151-200 rank band based on NIRF Ranking 2017.

ABOUT THE DEPARTMENT

The Department of Electrical & Electronics Engineering was established in the year 2002 and offers both UG (EEE) and PG (Power Electronics and Drives & Embedded System Technologies) Programmes. It has good infrastructural facilities which include Electrical Machines, Power Electronics, Microprocessor and Simulation Laboratory. The Department laboratories are equipped with the latest machinery and equipment and latest computer hardware and software and round the clock wireless broadband internet connectivity. The Department has well qualified and dedicated faculty members in various specialized areas of Electrical and Electronics Engineering.

ORGANIZING COMMITTEE CHIEF PATRON

Lion Dr.K.S.Rangasamy, MJF
Founder - Chairman
K.S.R. Educational Institutions

PATRONS

Mr.R.Srinivasan
Vice – Chairman

Dr.P. Senthil Kumar
Principal

CONVENER

Dr.S.Ramesh
Professor & Head /EEE

ORGANIZING SECRETARY

Dr.C.Karthikeyan
Professor/ EEE

CO-ORDINATORS

S.Senthil Kumar AP/EEE
M.Vijaykumar AP/EEE
M.Subramani AP/EEE
E.Kannan AP/EEE
S.Gowtham AP/EEE

SCHEDULED DATES

Last date for registration : 29.08.2018
Intimation of selection : 31.08.2018
Confirmation by participants : 03.09.2018

ADDRESS FOR COMMUNICATION

S.Senthil Kumar,AP/EEE
Co-Ordinator,
K.S.R. College of Engineering,
Tiruchengode-637215,
Namakkal District,Tamilnadu.
Phone : 04288 - 274213
Fax : 04288 - 274757
Mobile No : 9865523385
Email id : ksreppp2018@gmail.com

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REGISTRATION FORM

06 & 07 September, 2018

Name :

Designation/Student :

Department :

Institution :

Qualification/Year :

Address for
Communication :

E-Mail :

Mobile :

DD Details :

Signature of the Applicant

Sponsorship Certificate

Mr/Ms of is an
employee /student of our institute and is hereby
sponsored to attend the program.

Signature of Head of the Institution
(With seal)