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Karpagam Educational Institutions

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CONVENOR

Dr. K. Anuradha

Director i/c, Department of MCA

ORGANIZING SECRETARY

Prof. R.Gokila

Assistant Professor, Department of MCA

COORDINATORS

Prof.K. Uma Maheswari

Assistant Professor, Department of MCA

Prof.K.Senthil Kumar

Assistant Professor, Department of MCA

ADDRESS FOR CORRESPONDENCE

The Coordinator,
(One Day Workshop on DSP),
Department of Master of Computer Applications,
Karpagam College of Engineering,
Othakalmandapam (PO), Coimbatore – 641032.
Mobile: 9994633550, 9943241244, 0422-2619013
Email: kcemca.dsp@gmail.com

CONTACTS

**Coordinator : 0422 2619013,
9994633550, 9943241244**

College Phone : 0422-2619026

College Fax : 0422-2619046

Email : kcemca.dsp@gmail.com

Web : www.kce.ac.in

REGISTRATION FEE

Delegates from Industries /
Faculty members /Research scholars : **Rs.500 /-**

UG/PG students : **Rs.450/-**

The number of participants are limited based on First come First serve basis. The registration fees includes workshop kit, lunch and refreshments. The Registration fee can be paid by D.D./Cash. Filled in Registration form and D.D in favour of **“KARPAGAM COLLEGE OF ENGINEERING”** payable at Coimbatore to be sent to The Coordinator on or before **27th August, 2018.**

Online Registration:

<https://goo.gl/forms/TYGm85N4zRwOXibg1>



One Day National Workshop on Data Science with Python (DSP)



7th September 2018

CONVENOR

Dr. K. Anuradha
Director i/c, MCA

COORDINATORS

Prof. R.Gokila
Prof. K. Uma Maheswari
Prof. K. Senthilkumar

Organized by
DEPARTMENT OF MCA
KARPAGAM COLLEGE OF ENGINEERING
Coimbatore - 641 032

ORGANIZING INSTITUTION

The Karpagam Charity Trust was promoted by Dr.R.Vasanthakumar, Chairman and Managing Trustee, in 1989, with a vision to serve and lead the society by imparting quality based education as the mission. Karpagam College of Engineering was established in 2000, approved by AICTE and affiliated to Anna University, Chennai. The College has been accredited by NAAC with 'A' Grade. Karpagam College of Engineering offers four years B.E/B.Tech. Degree courses in Electrical and Electronics, Electronics and Communication, Electronics and Instrumentation, Mechanical, Automobile, Civil, Computer Science, Electronics & Telecommunication and Information Technology apart from M.E, MBA and MCA programmes.

ABOUT THE DEPARTMENT

The Department of MCA started in 2001, has experienced members of faculty and well-equipped laboratories. The main objective of the department is to produce talented software engineers to satisfy the competitive industrial needs. The Department has organized various National Conferences and workshops successfully. Based upon the current Industrial growths, the department organizes various workshops and seminars periodically.

ABOUT THE WORKSHOP

This course will introduce the learner to the basics of the python programming environment and Data Science including fundamental python programming techniques such as lambdas, reading and manipulating csv files, and the numpy library. The course will introduce data manipulation and cleaning techniques using the popular python pandas data science library and introduce the abstraction of the Series and Data Frame as the central data structures for data analysis, along with tutorials on

how to use functions such as group by, merge, and pivot tables effectively. By the end of this course, Participants will be able to take tabular data, clean it, manipulate it, and run basic inferential statistical analyses.

TOPICS TO BE COVERED

- ✓ Introduction to Python and Data science
- ✓ Overview to high level language python with data science
- ✓ Environment setup
- ✓ Variables Types
- ✓ Basic operators
- ✓ Decision Making
- ✓ Loops with active development
- ✓ Lists for collections of data
- ✓ Tuples for collections of data
- ✓ Dictionary method in data science
- ✓ Overview of Data Science of matplotlib
- ✓ Configuring with pip on data science
- ✓ Line Plot using list in data science
- ✓ Histogram using predefined functions.
- ✓ Implementing the numpy.
- ✓ Verification numpy with mapping library.

WHO SHOULD ATTEND

UG/PG students, Delegates, Faculty members, Research Scholars working in Computer Applications and Computer Science Engineering can apply.

IMPORTANT DATES

Last date of receipt of application : 27-08-2018

Intimation about Selection : 28-08-2018

RESOURCE PERSONS

Experts from Industries.

One Day National Workshop on Data Science with Python

07.09.2018

Organized By

Department of MCA

REGISTRATION FORM

Name (in block letters) :

Designation :

Institution / Organization :

E-mail Address :

Mobile number :

Details of the Registration fee

Amount :

DD No :

Date :

Bank Name :

Participant Category : **Faculty member / Industry**

(Please Tick) **Research Scholar / Student**

Signature of the Applicant

(Registration form is available in www.kce.ac.in)