A Short Term Course on
Python Programming with Industry Application

On

25 -07-2024 to 27-07-2024

REGISTRATION FORM

Name: _____

Designation: _____

Mobile No.:_____

College Name: _____

E-Mail: _____

Experience: _____

Area of Research: _____

Accommodation required: Yes/No

DECLARATION

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the workshop.

Signature of the Applicant

Date :

Place :

Note1: Send Registration forms to
hod.dit@psgpolytech.ac.in
2: Any queries contact: +91-9942842168

ABOUT THE COLLEGE

PSG Polytechnic College, established in the year 1939, a pioneer institute in the field of Technical Education and Research is a Government aided, ISO 9001 certified institution with Autonomous status from 1976. This aids it to have a flexible curriculum and updated syllabi. The Polytechnic College has the best laboratories with free access to the students and prepares them with the latest method of learning industrial practices. The industry attachment Programme, compulsory for all courses provides exposure to the students in current industrial practices. The college is located in the same campus as the PSG Industrial Institute.

The Unique feature of our College is its close collaboration with industries, resulting in the cross fertilization of theory with practice. The Diploma Course students in Engineering are required to spend half a day every week in the PSG Industrial Institute, a full fledged manufacturing industry. This enables them to study the actual production processes and gives them the opportunity to observe the working of an industry. This scheme has been hailed as a unique approach to inculcate the industry culture among the students. In addition, a large number of projects, which the students undertake, are in collaboration with various engineering industries in and around Coimbatore, including PSG industrial institute to meet the real world challenges of industry. The college is well equipped with laboratories and separate departmental libraries. The departments which lay a strong foundation for students are nurtured by highly qualified faculty.

NODEL CENTER FOR EMD

Nodal Centre for Entrepreneurship & Management Development of PSG Polytechnic College has been established in the year 1995 and is sponsored by All India Council for Technical Education, New Delhi. The Centre promotes Entrepreneurship & Management Education through various programmes. The Centre conducts Continuing Education Programmes and offers consultancy to industries

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On

25th to 27th , July- 2024

In Association With

NODAL CENTER FOR EMD

Organized By
Department of Information Technology

PSG POLYTECHNIC COLLEGE COIMBATORE-04

Govt. Aided Autonomous Institution-Approved by AICTE
&
ISO 9001:2015 Certified
(A unit of PSG &SONS' Charities)

Phone : 0422-4344342
Website: www.psgpolytech.ac.in
E-Mail : hod.dit@psgpolytech.ac.in

ABOUT THE DEPARTMENT

The Department of Information Technology started in the year 2006, right from inception its, boasts of well experienced and technically excellent faculty members. The department imparts knowledge and skills to inculcate professional responsibilities, leadership qualities to succeed in diverse careers, capability to utilize engineering skills in industry. The sincere efforts and dedication of the faculty and keen interest exhibited by the students have produced not only a commendable academic record and also remarkable achievements in co-curricular and extracurricular activities. The laboratory infrastructure is excellent with state of the art equipment and software. The department faculty encourages the students to implement innovative ideas in their project works, to develop industry readiness and R&D.

OBJECTIVE OF SHORT TERM COURSE

This course is designed to provide an exposure to the fundamentals of Python Programming with Industry perspective. Participants will learn Introduction & basics of Python Programming, Decision Statements, Loop Control Statements, Functions, Strings, Lists and Dictionaries such as Tuples and Sets, File Handling, Pandas Data Handling and Use Cases and Machine Learning. Hands-on training and practice sessions will help participants gain confidence on Python concepts, their simulation and implementation. The course will be useful for faculty of engineering and sciences who are interested in learning Python Programming with Industry perspective.

Short Term Course On

Python Programming with Industry Perspective

Modules

S.No.	Module Name
1	**Introduction & basics of Python Programming**
2	**Decision Statements; Loop Control Statements; Functions, Strings**
3	**Lists and Dictionaries; Tuples and Sets; File Handling; Pandas**
4	**Data Handling and Use Cases**
5	**Machine Learning**

Resource Persons:

☞ **Mr.K.S.Narashimman**
   SAP Analytics Architect
   ADNOC Group, Bengaluru

☞ **Mr.A.Kathiresan,HoD In-Charge**
   Department of Information Technology
   PSG Polytechnic College, Coimbatore

☞ **Ms.G.Aishwaryalakshmi,Lecturer**
   Department of Information Technology
   PSG Polytechnic College, Coimbatore

☞ **Mr.N.Ravi,Lecturer**
   Department of Information Technology
   PSG Polytechnic College, Coimbatore

The Registration fee is Rs. 1500+18%/-, payable to "The Principal, PSG Polytechnic College , Coimbatore.

Snacks and Lunch will be provided for all three days

Chief Patron

Sri.L.Gopalakrishnan

Managing Trustee

PSG **and Sons Charities**

Patron

Dr.B.Giriraj

 Principal

 PSG Polytechnic College, Coimbatore

Convener

Mr.A.Kathiresan

HoD In-Charge

Department of Information Technology

PSG Polytechnic College, Coimbatore

Coordinator

Ms.G.Aishwaryalakshmi

Lecturer

Department of Information Technology

PSG Polytechnic College, Coimbatore

Co-Coordinator

Mr.N.Ravi

Lecturer

Department of Information Technology

PSG Polytechnic College, Coimbatore