PSG Institute of Technology and Applied Research

Neelambur, Coimbatore - 641062

Five-day Faculty Development Programme

on

Data Analytics and Cloud Development with Industry Use Cases

from 14.12.2023 to 20.12.2023

organized by

Department of Computer Science and Engineering

PSG iTech, Neelambur, Coimbatore – 641062.

in association with

PSG Center for Academic Research and Excellence (PSG CARE)

and

SAP Labs India

Online Registration link:

https://forms.gle/MWniCGbpst4A2BPL8

About PSG iTech

PSG iTech aims to realize its objective of enhancing youth empowerment through technical education. This institute caters to various engineering disciplines, focusing on learning, industry engagement of students, innovative and inclusive pedagogy, and ethics. PSG Institute of Technology and Applied Research aims at effective transfer of knowledge, pursuit of truth and moulding the students to become ideal citizens of the country. Within a short span of time, the Institution has emerged to be one of the most preferred institutions for the engineering aspirants in Tamilnadu. PSG Institute of Technology and Applied Research, started in the year 2014, is an AICTE approved institution and affiliated to Anna University, Chennai. PSG iTech aims to achieve excellence in education and research and nurture engineers with ethics, who will face global challenges to serve industry and society.

About PSG CARE

The PSG Center for Academic Research and Excellence (PSG CARE) was founded in October 2015 by the PSG & Sons Charities Trust with a mission to promote teaching excellence in all the colleges under the Trust. Toward this end, PSG CARE encourages the use of learner centric pedagogical practices that facilitate effective learning and will foster dialogue and reflection on effective teaching through workshops, seminars, one-to-one consultation, and other activities.

About FDP

This Faculty Development Programme on **Data Analytics and Cloud Development with Industry Use Cases** is planned with the objective of making the participants to acquire knowledge on basics of data science and use appropriate tool to analyze data. It also aims to equip the participants with knowledge of cloud native development with industry usecases.

Outcomes

At the end of the FDP, the participants will be able to:
- understand the basics of Statistics for Industry usecases
- perform exploratory data analytics with large datasets
- build cloud micro-services using AWS
- understand the basics of Cloud native development

Topics to be covered

- Data preparation, exploratory data analysis, playing with industry datasets
- Data Science and basics of statistics
- Regression and correlation coefficient
- Micro-services and cloud native Architecture
- Building, deploying and running our simple microservice using AWS, AWS Lambda

Resource Persons

- Srivatsan Santhanam,
  Vice-President, SAP Labs India
- Muthupandi Nageswaran,
  Senior Director and Deputy CTO,
  SAP Concur UK.

Participants

The programme is open to all faculty members and research scholars interested in Data Analytics and cloud development. This program is open to Industry practitioners and software engineers.

Registration

Academicians   : Rs. 1000/-(including GST)
Industry professional: Rs. 3000/-(including GST)

The registration fee (including GST) is to be paid through online mode/ DD in favour of:

Beneficiary name: PSG Centre for Non-Formal & Continuing Education Bank
Account No. : 1481267367
IFSC Code : CBIN0280913
Bank Name : Central Bank of India
Branch Address: Peelamedu, Coimbatore-641004

Date & Timings

14.12.2023, 15.12.2023
18.12.2023 to 20.12.2023

Timing - 8:30 am to 4:00 pm

Organizing Committe

Chief Patron
Shri. L Gopalakrishnan
Managing Trustee - PSG & Sons' Charities

Patron
Dr. P V Mohanram
Secretary, PSG iTech

Chairman
Dr. N Saravanakumar
Principal, PSG iTech

Convener
Dr. R Manimegalai
Head, Dept. of CSE
PSG iTech

Coordinators
Dr. I Kala
Associate Professor
Dept. of CSE, PSG iTech

Dr. S Vaishnavi
Assistant Professor (Sr. Gr.)
Dept. of CSE, PSG iTech

Contact Details

Ms. R Shanthamani,
7639644312
secretary@psgcare.org

Dr. I Kala,
9944472323
kala@psgitech.ac.in

Dr. S Vaishnavi,
9952139457
vaishnavis@psgitech.ac.in