OUTCOMES:-

Upon successful completion of the FDP programme, participants would be able to not only contribute as a Data Science Team Member on big data and other Analytics projects but also take up research by: Deploying the Data Analytics Lifecycle to address big data Analytics projects. The most popular use case of Docker is service containerization. Today, most of the companies implement microservice architecture for their software products. For them it's much necessary to have a perfect isolation between services on dev, staging and production environments.

TOPICS TO BE COVERED:-

➡ EMV tokenization
➡ Data Science analyst
➡ The Challenge: Matrix from hell
➡ Containers and Docker
➡ Docker Installation
➡ Docker Architecture
➡ Docker Images
➡ Containerizing an Application
➡ Docker Networking
➡ Docker Compose
➡ Case Study

Registration Link: https://forms.gle/U6tqU8uvvHzSexJi8

ACS COLLEGE OF ENGINEERING

#207, Kambipura, Mysore Road, Bangalore – 560 074.
Affilliated to VTU, Belagavi, Approved by AICTE, New Delhi and Govt. Of Karnataka

Quality Accreditation in our Institution

'A' GRADE NAAC | NBA AICTE AE - BME - CSE - EC - ME | HIGHER EDUCATION DIGEST

Five days Online FDP on
Data Science and Docker Technology

Date: 29th June to 3rd July 2020 Time: 11:00 am

in Association with

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

Organized by

Department of Computer Science and Engineering

CHIEF PATRONS

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Chairman, RRGI

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ORGANIZING COMMITTEE

Faculty of Computer Science and Engineering Department

ABOUT THE INSTITUTE:-
ACS College of Engineering (ACSCE) , established in the year 2009 under Moogambigai Charitable and Educational trust is recognized by AICTE, New Delhi, Government of Karnataka and is affiliated to Visvesvaraya Technological University (VTU), Belgavi, Karnataka. The institute is accredited by NBA, NAAC, and HLACT. The institute offers Seven UG courses in Computer Science and Engineering, Aeronautical Engineering, Aerospace Engineering, Bio medical Engineering, Civil Engineering, Electronics and Communication Engineering, Mechanical Engineering, PG courses and Research Centers. All the departments have well qualified staff and well equipped laboratories, library, computing and sports facilities along with other amenities. The college is located at a distance of 17 kms from Bangalore City Railway Station on Mysore road.

ABOUT THE DEPARTMENT:-
The department was established in the year 2009 with an intake of 120 students. It has well qualified and experienced Teaching and Supporting Staff. Our department is having total area of -- 1994 sq meters. The department has spacious classrooms and a well-equipped computer labs with 185 systems, 2 servers all in a networked environment with un- interrupted power supply. Our Department is having smart class room, seminar Hall, Departmental Library, R&D, Language Lab. The institution offers Wi-Fi enabled high-speed Internet (60mbps) facility. The department is NBA accreditated for 3 years (2016-2019) and got extension for another 3 years, NAAC accreditated for 5 years with 'A 'Grade (2016-2021).

ABOUT FDP:-
The vision of this FDP is to enhance the quality of education imparted in institutions by providing faculty members with a platform to learn all they need to know about Data Science and Docker Technology. Educators will get to learn the best practices in these domains so that they can teach the future workforce the required skill sets.

OBJECTIVES OF FDP:-
The principal purpose of Data Science is to find patterns within data. It uses various statistical techniques to analyze and draw insights from the data. From data extraction, wrangling and pre-processing, a Data Scientist must scrutinize the data thoroughly. And Docker is a set of platform as a service products that uses OS-level virtualization to deliver software in packages called containers. Containers are isolated from one another and bundle their own software, libraries and configuration files; they can communicate with each other through well-defined channels.