



**MKSSSS's
Cummins College of Engineering
for Women, Pune
Department of Computer Engineering**

Presents

***ONLINE*
Faculty Development Program**

on

**Big data Analytics: Recent
Trends, Tools and Technologies**

(with Experts from IBM)

17th April 2023 - 21st April 2023

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ABOUT THE INSTITUTE

MKSSSS's Cummins College of Engineering for Women, Pune (CCEW) is the first all women engineering college in India established in the year 1991 with support of Cummins Diesel (India) Foundation. Parent institution of Cummins College is Maharshi Karve Stree Shikshan Samstha (MKSSSS). 'Bharat Ratna' Recipient, Maharshi Karve, established MKSSSS in 1896 with the mission of women empowerment through education.

CCEW is approved by All India Council for Technical Education, New Delhi and Directorate of Technical Education, Maharashtra state, Mumbai. The college is recognized for its rigor in academics and dedicated faculty, successful alumni being its outcome. CCEW has a strong association with the industry and is recognized for providing quality recruits for the industry. CCEW is an autonomous College from Academic Year: 2016-2017. The College is offering five undergraduate programs, two post graduate programs and Ph.D. programs. All the programs are affiliated to Savitribai Phule Pune University. College is also accredited by NAAC at "A" grade.

DEPARTMENT VISION

To equip women with excellent education in Computer Engineering, enabling them to play significant leadership roles in technology and society.

ABOUT DEPARTMENT OF COMPUTER ENGINEERING

The Department of Computer Engineering was established in 1991 with an intake of 60 students. It offers a UG program in B.Tech. Computer Engineering. The first undergraduate batch rolled out in the year 1995. The intake capacity was subsequently increased from 60 to 180. Recently, our UG program has been accredited by the National Board of Accreditation for Tier-1. Department is known for imparting excellent undergraduate computer engineering education. Department believes in providing a vibrant environment for all round student development. Our students are placed in well known multinational companies and startups. More than 90% of students are placed every year through campus recruitment. Department offers courses in recent trends and technologies to cater ever demanding IT industry. Department strives to fulfill expectations of all relevant stakeholders.

ABOUT ONLINE FDP

Big data and machine learning are the most persistent buzzwords in the technical world. High frequency digital data in terms of volume, velocity and variety can be very well handled by "Big data". It not only has a potential in the research field but also has an impact in multidisciplinary applications like retail, healthcare, education, media, entertainment, finance, telecommunication, automobile. Cloud computing power in combination with big data technologies enables fast processing and integration of large amounts of varied data. Analytics with big data marks new horizons and opportunities in data driven decision making.

OBJECTIVES OF ONLINE FDP

- 1.To provide knowledge about big data, its architectures, ecosystem and real life applications.
- 2.To reveal analytical concepts using machine learning algorithms.
- 3.To explore tools as applied to big data .
- 4.To cover case studies and applications of real life to establish relationship between theory and practical.

TOPICS COVERED

- Big data architectures and ecosystem
- Applications of big data.
- Probability and statistics using R/python.
- Data lake.
- Demonstration Kafka /Spark.
- Latest Big Data technologies on the Cloud platform.
- Demonstration of Data Analysis using IBM Watson.
- Big data applications and case studies Power Business Intelligence.
- Unbox tool for data scientists.

EXPERT SPEAKERS

- Srimanta Barat, Business Manager Process Analytics, IBM
- Uday Pawar, Portfolio Manager, Analytics, IBM-Idea
- Snehal Pansare, Solution Architect, Data and AI |IBM WW Ecosystem Engineering
- Debabrata Ghosh, Senior Managing Consultant, Data Platform Services CoC, IBM
- Pooja Holkar, Solution Architect, Data and AI | IBM Software Lab
- Rachana Vishwanathula, 2nd Technical Architect -Data & AI | IBM WW, Ecosystem Engineering
- Dr Dipti Patil, Associate Professor, CCEW
- Chiranjeeb Mazumdar, Application Architect IBM Consulting
- Shashank Mujumdar, Advisory Research scientist, IBM Research

REGISTRATION FEE

For Academicians, research scholars and industry delegates : Rs.100 /-

ELIGIBILITY

Faculty members working in Engineering Colleges, research scholars., industry delegates.

BANK ACCOUNT DETAILS FOR FEES PAYMENT

- College Name :- Principal Cummins College of Engineering for Women.
- Bank :- STATE BANK OF INDIA
- Branch - KARVENAGAR
- Account No. :- 35559912241
- IFSC Code :- SBIN0013530
- Account Type :- Current

OR

- UPI id:9923241326@sbi
- Merchant Name:Principal cummins college

PATRONS

- Smt. Smita Yashwant Ghaisas, President, MKSSS's, Pune
- Shri. Ravindra Deo, Chairman, MKSSS's, Pune
- Shri. Jayant Inamdar, Management Member, MKSSS's, Pune
- Shri. Rajendra Jog, Trustee, MKSSS's, Pune
- Dr. P.V.S. Shastry, Secretary, MKSSS's, Pune

ADVISORY BODY

Dr. Madhuri B. Khambete
Principal, CCEW

Prof. Ashutosh N. Muchrikar
Dean, Student Affairs, CCEW

FDP CONVENER

Dr. Supriya Milind Kelkar
Head, Associate Professor, Computer Engineering Department, CCEW

FACULTY COORDINATORS

Dr Neeta Maitre
Assistant Professor, Computer Engineering Department, CCEW (Mob: 9420321579)

Prof. Sakshi Mandke
Assistant Professor, Computer Engineering Department, CCEW (Mob: 9890832601)

ORGANIZING COMMITTEE

- Dr. Sandhya Arora
- Prof. Nutan Deshmukh
- Prof. Varsha Pimprale
- Prof. Nilofer Attar
- Prof. Jyoti Bangare

CORRESPONDENCE

- cummins.fdpbda2023@cumminscollege.in
- Prof. Nutan Deshmukh, Assistant Professor, Computer Engineering Department, CCEW
- Dr. Sandhya Arora. Professor, Computer Engineering Department, CCEW

MODE OF CONDUCTION

Online

Registration Link

Hurry: Limited Seats

<https://forms.gle/qdwX9BZBgBjCBtBs8>

For enquiry, please write to us on:
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