



Engineering Staff College of India

(An ISO 9001:2015 Certified, AICTE & CEA Recognized Institution)

Autonomous Organ of The Institution of Engineers (India)

Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. Telangana, India



Powered



Management and Technology Division

Online Continuing Professional Development Programme on

Use of Disruptive Technologies and Its Application for Industries

(AI, IoT, Cloud Computing, Analytics & Block Chain)

27 - 29 October 2020

(3 HOURS PER DAY)

INTRODUCTION

A disruptive technology is a technology that creates a new market and value network, and eventually disrupts an existing technology in the market and value network, displacing established market-leading firms, products, and alliances. The term was defined and first analyzed by the American scholar Clayton M. Christensen and his collaborators beginning in 1995.

Current time is witnessing the unprecedented number of disruptive innovations and disruptive technologies with shorter time gaps. Some disruptive technologies are evolving over period of time and new disruptive technologies are being added. Another important feature current trend to be noticed in the technologies is that these disruptive technologies are collaborating with each other to create new markets.

OBJECTIVES

To introduce important disruptive technologies with supporting industrial applications/examples/Research activities, wherever applicable. As said in the introduction, many permutations and combinations of these disruptive technologies are innovatively applied to solve real-world industrial problems.

COURSE COVERAGE

The course is planned to be covered by a blend of Industry Professionals and Academic Researchers to reap the benefits effectively. The following are the topics to be covered in this program:-

- ✓ **Day#1**
 - Overview on Disruptive Technologies
 - Data Analytics and Maturity Model, its applications in the Industries
 - Artificial Intelligence and its Current Trends
- ✓ **Day#2**
 - Introduction to Internet of Things
 - IoT role in the Industry 4.0
 - Cloud Computing
- ✓ **Day#3**
 - Introduction to Deep Learning and its Application
 - Block Chain
 - Applications of VR/AR/MR in Industries

METHODOLOGY

Methodology of the programme includes Digital Learning through LMS Platform, Online Video Interactive sessions with Cloud based Hand-on Practical, Lecture / Discussion with audio visual aid, bench marked video shows, chalk & talk sessions, Online case studies, debates, sharing of experiences etc. All the sessions will be interactive demanding active participation from all the members.

TARGET PARTICIPANTS

Professionals from Industries , Governments, Private sector and Public Sector Undertakings , Scientists working in Research Laboratories, Students & Faculties of various Institutions & Universities, IT & ITES Professionals , MNC's and People from Defence Organisations .

PROGRAMME DATES & TIMINGS

Dates: 27 - 29 October 2020 (3 Hours Per Day)

Timings: After Registration Participant can access **ESCI LMS platform** for digital Learning **Online Session**

ADDRESS FOR COMMUNICATION

Management & Technology Division
Engineering Staff College of India
Old Bombay Road, Gachibowli – 500032
Phone: Direct 040 6630 4111 & 6630 4112 & 6630 4105
Email: mt@escihyd.org, mtmkt@escihyd.org

For Registration Please Contact:

Er. Rakesh Singh

Business Development Manager

Land line 040-66304105

Mob: 7013551765/ 9391198601

EXPERT FACULTY/SPEAKER DETAILS



Dr. J. Krishnaiah, Ph.D.,
Associate Professor, HoD.,
Dept of Mechanical Engineering,
Indian Institute of Information Technology,
Design and Manufacturing, Kurnool – AP(IIITDM – Kurnool)
Former Sr. Manager at Corp. R&D, BHEL, Hyderabad

Faculty consists of experts from industry, research establishments, academia and experts who are into emotional intelligence research work are involved, besides that from ESCI.

COURSE FEE

Rs. 5,000/- (Rupees Five Thousand Only) per participant + GST@ 18% Extra.

PAN Card No. AAATT3439Q. **GST No:** 36AAATT3439Q1ZV, **HS No.:** 999293 (under commercial training or coaching services – clause 65(105) (ZZC) of Finance act – 1994).

Programme fee is to be paid in in favour of “**THE INSTITUTION OF ENGINEERS (INDIA) – ENGINEERING STAFF COLLEGE OF INDIA**” in the form of demand draft payable at Hyderabad. Alternatively, the payment may be made by Electronic Fund Transfer (EFT) to ESCI - **SB A/c No.0432104000039631 with The IDBI Bank Ltd., Gachibowli Branch, Plot No. 2-53/2, JNIBF, IIIT Junction, Gachibowli, Hyderabad-500032 by RTG's/ NIFT / IFSC Code No: IBKL0000432. ESCI PAN No. is AAATT3439Q.** While using EFT/ Draft method of payment, kindly forward a covering letter giving details on the names of the participants, Title and the programme schedule so that proper accounting can be done.

REGISTRATION

Please send us an email with the nomination details to - mt@escihyd.org / mtmkt@escihyd.org

CERTIFICATION

A Certificate of participation will be awarded to each participant on conclusion of the programme.

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