



CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

A-34, PHASE VIII, INDUSTRIAL AREA, MOHALI

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Industrial Training on Digital Transformation through Emerging Technologies

Duration: 26 Weeks (3 Hours per day)

ELIGIBILITY: B.E. /B. TECH., MCA, M.Sc., M. Tech Final year students

Course Contents

The content of this course would revolve around the emerging technologies in addition to the technical training on digital transformation and cover following topics:

- Foundation on Digital Enterprise, Digital Transformation
- Technology Foundation: IT Infrastructure
- Technology Foundation :Databases and Information Management
- Technology Foundation: Cloud, IoT and Block chain
- Technology Foundation: Big Data and Analytics
- Technology Foundation: Artificial Intelligence and Machine Learning
- Strategic Perspective: Information Systems, Organization and Strategy
- Operational Perspectives: Achieving Organizational Excellence through Enterprise systems
- Customer Perspective: Customer Relationship Management systems
- Customer Perspective :ecommerce
- Digital Platforms
- Digital Payment Systems
- Digital Marketing
- Ethics, Privacy and Cyber security
- Applications in Public Services

Outcome of the training:

By the end of the Programme, participants will have knowledge and understanding of:

- Digital Transformation Landscape.
- Understanding of practical application of Emerging Technologies like AI, Big Data, Cloud Computing in Business domains
- Participants will gain strategic insights into Alignment of information systems with organizational goals and strategies.
- Opportunities in emerging technology areas and key concepts for technology management.