



# Effective Quality Upgradation Assistance for Technical Education

Registered with



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(Government of India e-Marketplace)

## Dr. R N Mathur, Founder President

Former Central Project Advisor, NPIU, TEQIP & other World Bank Projects

Exemplary track record of Designing & Execution of World Bank, UNESCO, UNICEF & UNDP Projects

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**Sub: EQUATE announces National interest based 5 days Residential training program on “Artificial Intelligence & Manufacturing Excellence” in collaboration with Acetel Technologies from 18th to 22nd February, 2019 at Delhi/Noida for faculty from NITs, CFIs. The program is also addressed to the faculty of Universities & Engineering Colleges under TEQIP III.**

Dear Professor,

### **Need for the training and its’ relevance to Engineering Education imparted by premier Indian Institutions**

As you may be aware, globally, Classical models of manufacturing excellence and manufacturing operations management are giving way to much more advanced, innovative and productive techniques using Artificial Intelligence, IOT and data analytics using data sourced directly from sensors, machines, vendors and customers. This has a direct impact on competitiveness and quality of goods and services of an enterprise. Indian government along with key ministries is working on Industry 4.0, Artificial Intelligence, IOT to strengthen the “Make in India” ecosystem with adoption of smart technologies. Artificial Intelligence is being widely used today in various sectors like manufacturing, agriculture, health services, financial services, governance etc.

This emerging wave of smart technologies and its relevant adoption by the Indian manufacturing sector including SME units would result in big requirement for the related capacity building of technical man power. Hence to facilitate the education/training/incubation in technical educational institutes and to support the industry with an evolved genre of digital transformation focused human resource,

EQUATE in collaboration with Acetel Technologies is offering a five days training program on Industry 4.0/ artificial intelligence and manufacturing excellence for the faculty of the universities and engineering institutions. Please note the integration of AI with allied technologies into manufacturing is a multi-disciplinary function about which the knowledge of existing faculty in engineering institutions specially NITs, CFIs, Universities & Engineering Colleges under TEQIP III is of paramount importance.

### **About the Joint Venture**

**EQUATE** – A National Level Training Organization has taken the lead in the National interest to provide an opportunity to the faculty of above institutions to undergo a well-designed industry based residential training program on “Artificial Intelligence & Manufacturing Excellence”. EQUATE regularly conducts training programs on high technology areas as well as programs related to improvement of teaching learning processes.

### **ACETEL TECHNOLOGIES**

Acetel Technologies Pvt. Ltd is a company engaged in MES (Manufacturing Execution Solutions), ERP (Enterprise Resource Planning) solutions and Telecom network and services. The organization is also involved in sustainable energy and environment solutions and services along with its technology principals and partners Cantier System Inc. Amplus Solar and Bioelektra Group respectively.

The organization was established around a decade ago for integration of Electrical & Civil Engineering related Services for International Clients. With time, it has grown into Smart manufacturing solutions, Sustainable Environment and Energy Services and Solutions, ERP solutions, allied trainings as well as Enterprise communications. Acetel is pioneer and fast-growing business organization in ICT (Information and Communication Technologies) services as wel.

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Quality is Our Passion

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For the manufacturing industry, Acetel Cantier MES Software provides you with real-time visibility and control on all the manufacturing operations enabling the unit to make full use of the production capacity and increase throughput with Smart Manufacturing. Here also Acetel regularly provides the relevant MES trainings for capacity building and human resource development.

**Broad Training Content**

New Age Disruptive Technologies (Robotic process automation, Artificial Intelligence, Virtual Reality, IoT, Social and Mobile, Big Data analytics, Cloud Computing & 3D Printing)	New age Enterprise Resource Planning
Industry 4.0 for overall development & Digital India	New age Quality Management & TPM
Industry 4.0 Aligned Manufacturing Execution Solution (MES)	New age Lean Manufacturing
New age Six Sigma	Zero Defect Zero Effect
New age Green Manufacturing	

**Training Outcomes**

1. Empower faculty to enhance knowledge about latest standards, principles, methodology, technical and functional skills about smart manufacturing and integration of AI.
2. Prepares participants for the up skilling in the face of Artificial intelligence and prospective employment of engineers at higher technical levels of digital application hierarchy and in the jobs of the future.
3. To help prepare/train engineers who will be able to build, catalyze and run digital transformation of USD 12 Trillion global manufacturing market.
4. Training will develop capacity among faculty to prepare students for increased productivity, performance and prosperity with smart manufacturing in the manufacturing sector using advanced technologies including AI with data and real time communication capabilities.
5. Enable the faculty in preparing the engineering students for successful careers as OE and MES Application specialists, Solution architects, business consultants, project managers, and support engineers etc.
6. Training would also cover various technical and professional skills necessary for the technocrats and human resource working for the manufacturing excellence and allied smart manufacturing fields embracing various digital application

Duration of the Training	5 Days (18th to 22nd February, 2019)
Training & Residential Venue	Delhi/Noida – A decent hotel on single room basis (details will be announced upon receiving the nominations)
Batch Size	40-50 participants on “first come first serve” basis
Eligibility	Faculty from Mechanical, Electrical, Electronics, Computer Science, Instrumentation, IT departments
Last Date of Nominations	9 <sup>th</sup> February, 2019. Faculty may submit nominations through TEQIP Coordinator/competent authority along with the course fee (details provided below)
Training Fee	Rs. 59,861/- only inclusive of GST. 100% fee to be paid in advance. Stay is permitted only for 4 nights and 5 days any over stay is to be borne by participants as per the tariff of the stay place.

**Out Request**

Please nominate faculty from your institution and take advantage of this need based timeli announced training program. Registration/Nomination form and Payment instruction are attached, please use the same for nominating the participants. We also request you to circulate this training notice to relevant department of your institution.

Regards

Yours Sincerely



(R N Mathur)

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**Registration/Nomination Form**

Name of the Institute: .....

Details of the Participants: .....

S.No.	Name	Designation	Department	Mobile No.	Email	Fee Payment Status
1						
2						
3						
4						
-						
N						

**Signature**

**Name & Address of TEQIP Coordinator/Competent Authority**

**Seal**

**Payment & Other Instructions**

1. Payment mode is through net banking only in favor of Effective Quality Upgradation Assistance for Technical Education (through PFMS in case of TEQIP III Institutions).
2. A/c No. 164305000023, IFSC Code: ICIC0001643, Branch Add.: ICICI Bank, GK II, New Delhi.
3. PAN No. AAJPM3418R, GST No. 07AAJPM3418R1Z5
4. Once the approval of the competent authority for the training is obtained, details of the participant(s) may be communicated to Dr Rajni Bhatnagar, Chief Program Coordinator through email at [equateindia@yahoo.com](mailto:equateindia@yahoo.com), Mob.: 9650010692, 9650016668, 8076788147, Ph. 0120-4597843 with the intimation of payment made.
5. Once the confirmation of the participant (s) is received payment of fee is mandatory and is not refundable.
6. Participants are advised to plan their journey in advance and inform the Event Coordinator whose contact details will be communicated as soon as nomination details are forwarded to Chief Program Coordinator.
7. The hotel staff and their details will be communicated to each participant with reporting time and destination.
8. Training fee does not include travel expenses from the place of origin to the destination of training including the local travel. This cost will be borne by the nominating institution.
9. Stay of the participants in the hotel is on single room basis. Participants over staying beyond the training duration may be advised to make their own payment to the hotel for the over stay.
10. As the training program is residential in nature, participants may be advised not to leave the training premises during the training sessions and mark their attendance twice regularly.
11. On successful completion of the training programs, Joint Certificate from EQUATE and ACETEL Technologies will be issued.

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