One Week Faculty Development Programme on

INDUSTRY 4.0

14th – 18th September 2020

Organized by

NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI

COORDINATORS

Dr. J. Jerald, Associate Professor, Department of Production Engineering.

Dr. B. Senthil Arasu, Professor, Department of Management Studies,

Dr. N. Kumaresan, Professor, Department of Electrical and Electronics Engineering,

VENUE

Google Meet Online platform

NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI
INDUSTRY 4.0 - AN OVERVIEW
The fourth industrial revolution or Industry 4.0 is the digital transformation for industries. The technology that aims on interconnectivity, automation, machine learning, and real-time monitoring among the machines and processes. This smart manufacturing is made possible with the help of advanced information and communication technology.

SCOPE OF THE PROGRAMME
Cyber-physical systems, the Internet of things, cloud computing and cognitive computing are the 4.0 buzz words at present and may rule the world in future. Are we ready for the change in education sector and in what educational areas, Fourth Industrial Revolution or Industry 4.0 is going to show impact?

IMPORTANT TOPICS TO BE COVERED
* Challenges in converting Industry 3.0 to 4.0
* Data Analytics

* Industry 4.0 for Power Engineering
* Influence of Embedded systems

* Creativity, Risk & Logical Reasoning
* Applications and Case studies

WHO CAN ATTEND
Faculty members, Research Scholars, PG Students, Persons from Industries and Research Institutes (Applicable for all disciplines of Engineering). The entry is restricted to 30 participants and it will be on first come first serve basis. E Certificates will be issued to the registered participants upon successful completion of the programme.

RESOURCE PERSON
The speakers for the programme will be from Eminent Institutions like IITs, NITs, Industries and Research Laboratories.

REGISTRATION FEE DETAILS

<table>
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<tr>
<th>Category</th>
<th>Amount in ₹</th>
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<tr>
<td>Research scholars and PG students</td>
<td>1,500 + 18%GST</td>
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<tr>
<td>Academicians and persons from Industries/Research labs</td>
<td>2,000 + 18%GST</td>
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Registration fee shall be paid to the following account through NEFT/IMPS

Account Name: Director, NIT Tiruchirappalli  
Account No : 10023883064
IFSC Code : SBIN0001617  
Branch : NIT, Tiruchirappalli
Bank : SBI

ONLINE REGISTRATION
After the registration fee payment, please obtain an image as a proof of payment. Register in the link given below and upload the duly filled registration form and the payment proof. (Image should be less than 1MB in .jpg or .png format)
https://forms.gle/yXbUwHawGyA49Vue6

Programme Schedule
The schedule of the programme and the Google meet link will be shared to the selected candidates through their registered Email ID.

IMPORTANT DATES
Last date for online registration : 09.09.2020
Intimation to the candidates (by mail) : 10.09.2020

For clarifications please contact Dr. J. Jerald, +91 94425 30103 or jerald@nitt.edu