



NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI (NITT)

The National Institute of Technology Tiruchirappalli (NIT-T) (formerly known as Regional Engineering College). Tiruchirappalli, situated in the heart of Tamil Nadu on the banks of river Cauvery, was started as a joint and cooperative venture of the Government of India and the Government of Tamil Nadu in 1964 with a view to catering the needs of man- power in technology for the country. The college has been conferred with autonomy in financial and administrative matters to achieve rapid development. Because of this rich experience, this institution was granted Deemed University Status with the approval of the UGC/AICTE and Govt. of India in 2003 and renamed as National Institute of Technology. National Institute of Technology Tiruchirappalli is one of the 31 National Institutes of Technology established by the Government of India. NIT-T is ranked top among 31 NITs in India and is presently occupying 9th position in NIRF ranking 2020, among all engineering education institutes in India. The Institute aims at benchmarking with global universities who are in the top 200 in world rankings in terms of teaching, innovation and research, funding and internationalization.

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

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
- * Industry 4.0 for Power Engineering
- * Creativity, Risk & Logical Reasoning
- * Data Analytics
- * Influence of Embedded systems
- * 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

Category	Amount in ₹
Research scholars and PG students	1,500 + 18%GST
Academicians and persons from Industries/Research labs	2,000 + 18%GST

Registration fee shall be paid to the following account through NEFT/IMPS

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

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>

One Week Faculty Development Programme on “INDUSTRY 4.0” REGISTRATION FORM

Name (In block letters): _____

Designation: _____

Organization: _____

Address for Communication: _____

Transaction ID: _____ & Date _____

Mobile No.: _____

Email ID: _____

Signature with date

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

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