

FDP COMMITTEE

CHIEF – PATRON

PROF (DR.) R.A. GUPTA

HONOURABLE VICE CHANCELLOR, RTU KOTA

PATRON

MR. R.S. VYAS

FOUNDER DIRECTOR

**TECHNO INDIA NJR INST. OF TECHNOLOGY,
UDAIPUR (RAJ.)**

RTU (ATU) TEQIP – III COMMITTEE

PROF. (DR.) DHEERENDRA MATHUR

COORDINATOR

PROF. (DR.) S K SAMBARIYA

NODAL OFFICER PROCUREMENT

PROF. (DR.) HARISH SHARMA

NODAL OFFICER ACADEMIC

PROF. (DR.) S D PUROHIT

NODAL OFFICER FINANCE

RTU EVENT COORDINATOR

**MR. SHANTI LAL MEENA
RTU , KOTA**

CONVENOR

PROF. (DR.) PANKAJ K PORWAL

ELIGIBILITY

THIS WORKSHOP IS OPEN TO ALL THE FACULTIES/ STUDENTS OF AICTE APPROVED INSTITUTES, RESEARCH SCHOLARS, AND PERSONS WORKING IN R&D ORGANIZATIONS OR INDUSTRY. NUMBER OF PARTICIPANTS FOR FDP IS LIMITED . ALL THE SESSIONS WILL BE CONDUCTED ONLINE ONLY.

REGISTRATION

THERE IS NO REGISTRATION FEE FOR FACULTY / STUDENTS FROM AICTE APPROVED INSTITUTES, PARTICIPANTS FROM INDUSTRY, AND REASERCH SCHOLARS.

NOTE : SUBMIT THE REGISTRATION GOOGLE FORM THROUGH ONLINE PROCESS VIA SCAN QR CODE OR LINK.



[HTTPS://FORMS.GLE/3MHJVXGLTDDY7F8A](https://forms.gle/3MHJVXGLTDDY7F8A)

IMPORTANT DATES

**LAST DATE OF RECEIPT OF APPLICATION : 10 JANUARY 2021
WHATSAPP GROUP QR CODE**



[HTTPS://REDIRECT.IS/WNVIRYB](https://redirect.is/wnviryb)



TEQIP-II
Technical Education Quality Improvement Program
RTU(ATU)

TEQIP III SPONSORED WORKSHOP ON

*Emerging Technologies
for
Industry 4.0*

(11 TO 15 JANUARY 2021)

(ORGANIZED BY)

RAJASTHAN TECHNICAL UNIVERSITY

&

TECHNO INDIA NJR INST. OF TECHNOLOGY



**TECHNO INDIA NJR INST. OF TECHNOLOGY,
UDAIPUR (RAJ.)**

**PLOT-SPL-T, BHAMASHAH (RIICO) INDUSTRIAL AREA,
KALADWAS, UDAIPUR 313003 (RAJASTHAN) INDIA
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ABOUT US

TEQIP III

The project, third phase of technical education quality improvement programme (referred to as TEQIP-III) is fully integrated with the twelfth five - year plan objectives for technical education as a key component for improving the quality of engineering education in existing institutions with a special consideration for low income states and special category states and to support and strengthen few affiliated technical universities to improve their policy, academic and research practices.

RAJASTHAN TECHNICAL UNIVERSITY

Rajasthan Technical University (RTU) is located in Kota in the state of Rajasthan . It was established in 2006 by the government of Rajasthan to enhance the technical education in the state. More than 2.5 lacs students study in various institutes affiliated to the University. The University aims to provide quality technical education which may help Rajasthan in it's technical development and will boost technical environment in the country.

TECHNO INDIA NJR



Techno NJR is a fast growing engineering institution established in 2008 to impart high level engineering education to the students of Rajasthan with following vision

- To run professionally managed educational institutes to make difference in the lives of students and faculty
- To pursue excellence in teaching & research
- To follow best practices and provide transparency in Governance
- To follow fair and just admission process based purely on merit so as to provide access to good education for all sections of society.
- To create world class infrastructure in the Institution

ABOUT WORKSHOP

Industrial Revolution has progressed a long way since the introduction of water and steam powered machines in late 18 th century (Industry 1.0) to help workers in mass production of goods. Nearly two centuries later, in 20 th century, invention of electricity led the second industrial revolution with machine running on electrical energy (Industry 2.0). By the end of 20 th century rapid development in electronics devices like transistors, integrated circuits (ICs), and programmable logic controllers (PLCs) led to automation of machines (Industry 3.0) which increase both speed and accuracy and reduced efforts. At the turn of 21 st century the boom in several aspects of technological development like

- boom in telecom industry and internet
- low-cost sensors enabling collection of large amounts of data
- cheaper and easily scalable storage and computational resources on cloud
- development machine learning and deep learning algorithms

has revolutionized the way we look at and consume data. Tasks which were thought impossible for machines to do just a decade ago can be performed with near human accuracy and super human speed (Industry 4.0). In this workshop we give plan to give a detailed overview of various emerging technologies of Industry 4.0.

WORKSHOP COMMITTEE

PROF. (DR.) PRASUN CHAKRABARTI

MR. AADITYA MAHESHWARI

DR. VIVEK JAIN

DR. NITIN KOTHARI

MR. LOKESH MALVIYA

MR. GAURAV KUMAWAT

MR. RAJ KUMAR SONI

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MS. KUNJPREET KAUR

SCHEDULE OF WORKSHOP

DAY-1 11.01.2021

SESSION - 1 (14:00 - 15:30)

Mr. Lalit Yagnik

Managing Director, Asia Pacific
Unify Cloud

Formerly Technology Director , IBM
(Singapore , India , Australia)

Topic: Digital Technologies (Big Data, Cloud, AI, ML):
Opportunities and Challenges for Industry 4.0

SESSION - 2 (15:45 - 17:15)

Prof. Pradeep Kumar

Professor, Mechanical and Industrial Engineering
IIT Roorkee

Topic: Industry 4.0

DAY- 2 12.01.2021

SESSION - 1 (14:00 - 15:30)

Dr. Jonathan Joshi

C.E.O.,
Eduvance

Topic: Applications of IoT in Industry 4.0

SESSION - 2 (15:45 - 17:15)

Prof. R.S. Walia

Professor & Head,
Punjab Engineering College

Topic :Smart Manufacturing and IIoT

DAY- 3 13.01.2021 (14:00 TO 16:00)

Mr. Sridhar Sukand

Managing Director
EON Reality Pte Ltd

Topic: AR/VR Technologies for Industry 4.0

DAY- 4 14.01.2021 (13:00 TO 15:00)

Prof. (Dr.) N.N. Sharma

Pro President, Manipal University Jaipur

Topic: Robotics and Automation for Industry 4.0

DAY- 5 15.01.2021 (14:00 TO 16:00)

Mr. Kamal Pagaria

Deputy General Manager (Supply Chain & Logistics)
Secure Meters Limited, Udaipur

Topic: Supply chain and logistics management for Industry 4.0