

FDP Committee

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Prof. N. P. Kaushik

Honorable Vice-Chancellor, RTU

Patron:

Shri Sanjay Prashar, Director

Maharishi Arvind Group of Institutes

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Prof. (Dr.) Manish Bhargava, Principal

Co-Convener (MAIET, Jaipur):

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RTU Event Co-ordinator

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Host Institute Co-ordinator

Er. Neeraj Bhargava (9950826109)

RTU (ATU) TEQIP-III Committee

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Mr. Dinesh Kumar (FDP)

MAIET Organizing Committee

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Er. Roshan Kumar (7793040310) CSE

Er. Nalin Sharma (9309261326) ME

Er. Nutan Paliwal (7742212470) EE

Registration (Compulsory)

TEQIP-III SPONSORED

Three days Faculty Development Programme on “Problem Solving Tools”

21st – 23rd May, 2018

Name: Mr./Ms.

Designation:

Institute Name:

Institute Address:

Affiliated to RTU: (Yes/No)

Qualification:

Mobile No.:

E-mail Id:

Date of Registration :

Accommodation Required: (Yes/No)

Signature of Participant

The applicant will be permitted to participate in this FDP, if Selected

Signature and Stamp of the Head of Institution

(No fee from Faculties from RTU Affiliated Institutes)

Contact Person: (For Registration)

Er. Ankur Singh (7737035412)

Er. Mandeep Singh (9785750065)

Accommodation

Lodging & Boarding will be provided for faculty members of RTU affiliated Institutes without any charges at Hostel. Paid Hotel facilities on chargeable basis may be arranged.

Contact Person: (For Lodging & Boarding)

Er. Rizwan Khan (9887419418)

Er. Rohit Chhabra (9667233924)



TEQIP-III
TEQIP-III Quality Improvement Program

TEQIP III SPONSORED FACULTY DEVELOPMENT PROGRAMME ON

“PROBLEM SOLVING TOOLS”

21st – 23rd May, 2018



Organized by:

Rajasthan Technical University, Kota &
Maharishi Arvind
Institute of Engineering & Technology,
Mansarovar, Jaipur

Venue:



Maharishi Arvind

Institute of Engineering and Technology

Sector-7, Madhyam Marg, Mansarovar

Jaipur-302020, Rajasthan

Email: maiejipur@rtu.ac.in

Web: www.maieindia.org

About 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 support to strengthen few affiliated technical universities to improve their policy, academic and management 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. The university currently affiliates about 129 Engineering Colleges, 4 B. Arch., 41 MCA Colleges, 95 MBA Colleges, 44 M. Tech. Colleges and 3 Hotel Management and Catering Institutes. The University aims to provide quality technical education which may help Rajasthan in its technical development and will boost technical environment in the country.

About MAIET, Jaipur

Maharishi Arvind Institute of Engineering & Technology, Jaipur, established in 1999, is the first private engineering college in Jaipur, located in the heart of the city. All Engineering Branches in UG and PG in Machine Design along with Research Center in Mechanical Engineering are the fields at MAIET. The campus also houses Maharishi Arvind Institute of Pharmacy a Four-Year B. Pharm & Two Year M. Pharm Programme, a Management Institute for a Two-Year MBA degree Programme.

Besides, it has established two more Engineering colleges at Kota namely, Maharishi Arvind

International Institute of Technology and Maharishi Arvind College of Engineering & Technology and has PG Programmes such as M.Tech. (Civil/Thermal/Design).

Objective of FDP

Regardless of what they do for a living or where they live, most people spend most of their waking hours, at work or at home, solving problems. Most problems we face are small, some are large and complex, but they all need to be solved in a satisfactory way. Having the support of others in solving problems is important. Diversity of thought and of problem solving style can result in better solutions.

What is the need to develop Problem Solving Skills

Most adults have, through experience, developed an approach for solving problems that has worked for them. Some people use a very logical approach to solve problems and go step-by-step in a linear fashion. Others use an intuitive approach that usually results in arriving more quickly at a solution. However, sometimes that solution must later be adjusted to the reality of the situation.

“Problem-Solving Skills” relate to your ability to identify issues, obstacles & opportunities and then develop and implement effective solutions.

Knowing various “Techniques & Tools” develops Problem Solving skills in a person & thereby builds confidence, which ultimately makes a huge difference to one’s career & life.

About Experts

SSA Management Consultants employs the dexterity

of globally allied business excellence structures such as QMS, TPM, TQM, Lean & Six sigma. Their Panel of experts has been the key drivers for achieving many quality awards and certifications, such as the TS 16949, EMS, OHSAS, TPM Excellence award, Deming Application Prize, Deming Grand Prize, ACMA awards and many more in a World class engineering Industry.

The team has gained vital experience by working with experts from Japan viz: Dr. Akihiro Nakajima for TPM, Dr. Shu Yamada & Dr. Hiroshi Kubota for TQM and Deming Award and also with internationally renowned Management Consultants McKinsey for Lean.

FDP Content

The major content of the FDP would be :

- Understanding the Basic Concepts of Problem Solving
- Problem Solving Techniques like
 - 3C,
 - 5 Why analysis,
 - Kaizen,
 - PDCA,
 - 8 D,
 - DMAIC
- 7 QC Tools viz.
 - Check sheet,
 - Pareto chart,
 - Stratification,
 - Cause & Effect Diagram,
 - Scatter Plot,
 - Histogram,
 - Control Charts
- Insight on Advance Tools like
 - PM Analysis,
 - DOE
- Exercises to clarify the concept and use