

FDP aims to provide a platform to learn about research paper writing and hands-on using scientific tools of computing and offers guidance for preparing journal articles, reports in a scientific structure and organized manner with necessary scientific computing.

Faculty Development Program (FDP) is being organized on Research paper writing and hands-on using scientific tools like MATLAB, Maplesoft, plagiarism elimination and many more.

Day #1

Opening Ceremony :- The FDP is inaugurated by Prof. D.S. Hudda, Dr. S.R. Mishra, Dr. Dinesh Goyal, Dr. Gautam Singh, Dr. Priya Mathur and the participants with the lighting the lamp of Goddess Saraswati Devi.

The Welcome address and introduction of FDP was delivered by Dr. Priya Mathur.

The Chief Guest of FDP Prof. D.S. Hudda, Special Guest Dr. S.R. Mishra and Dr. Dinesh Goyal shared their valuable thoughts about the theme of FDP.

Session Details of Day -1

Session-1:- This session is taken by Prof D.S. Hudda on the topic of “Mathematical Modeling”. He talked about how to create mathematical models of theoretical problems.

Session-2:- This session is taken by Dr. S.R. Mishra on the topic of “MAT LAB Programming”. He talked about how to use MAT LAB programming for Mathematical functions.

Session-3:- This session is taken by Dr. A.K. Khicha on the topic of “Research Methodology”. He talked about Objective and Motivation behind Research.

Session Details of Day -2

Session-1:- This session is taken by Dr. S.R. Mishra on the topic of “MAPLE Software”. He talked about how to use MAPLE Programming and Mathematical functions. He discussed plotting graphs and solving differential equations.

Session-2:- This session is taken by Dr. A.K. Malik on the topic of “Research Methodology and Statistical Techniques”. He discussed Mean, Mod, Median and variance in research methodology.

Session-3:- This session is taken by Dr. K.S. Nisar on the topic of “Writing an Effective Scientific Research Paper: Plagiarism and Related Issues”. He talked about how to remove plagiarism and effective writing of papers.

Session-4:- This session is taken by Dr. S. Kavitha on the topic of “Latex”. She talked about how to write a research paper in Latex.

Session-5:- This session is taken by Dr. Ritu Agrawal on the topic of “Latex”. She talked about how to write a research paper in Latex.

Session Details of Day -3

Session-1:- This session is taken by Dr. Hemen Dutta on the topic of “Find the Best Journal for Your Research”. He talked about how to find the best journal for a research paper.

Session-2:- This session is taken by Dr. A.K. Malik on the topic of “Research Methodology and Statistical Techniques”. He discussed Mean, Mod, Median and variance in research methodology.

Session-3:- This session is taken by Dr. Muslim Malik on the topic of “How to Write and Publish a Good Research Paper: Plagiarism and Related Issues”. He talked about how to remove plagiarism and effective writing of papers.

Session-4:- This session is taken by Dr. S. Kavitha on the topic of “thesis writing in Latex”. She talked about how to make PPT and book writing in Latex.

Session-5:- This session is taken by Dr. R.K. Pandey on the topic of “R programming”. He talked about how to use R programming for data analysis. We can also use R for solving mathematical functions.

Valedictory Session closing of ceremony

The guest for the valedictory session was Dr. S.D. Purohit, Dr. Dinesh Goyal, Dr. R.K. Pandey. Concluding remark and vote of thanks was given by Dr. Priya Mathur.

More than 40 Participants benefited from this FDP. The participants also shared the feedback about the FDP. The Certificate has been distributed by Guest of FDP to the participants.

FDP COMMITTEE

Chief Patron
Prof. R. A. Gupta
 (Rajasthan Technical University, RTU)

Patron
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 Poornima Foundation, Purnea, Bihar, India Purnea, Bihar, India

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 Professor, Dept. of Mechanical Engineering, RTU, Kota

Advisor FDP
Dr. Binash Goyal
 Principal, R. D. Datta
 Poornima Institute of Engineering and Technology, Jaipur

RTU Coordinator
Dr. S. D. Pasricha
 Associate Professor, Dept. of Mathematics, RTU, Kota (Mob. 941417401)





PIET Coordinator
Dr. Priya Mathur
 Associate Professor, Dept. of Mathematics
 Poornima Institute of Engineering and Technology, Jaipur

Co-Coordinator
Dr. Anil Kumar Gupta (Assistant Professor, Dept. of Computer Engineering, PIET, Jaipur) **Dr. Krishna Kumar Gupta** (Assistant Professor, Dept. of Mathematics, PIET, Jaipur)

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Dr. Shashi Sharma (Nodal Officer- Academics) **Dr. S. D. Pasricha** (Nodal Officer- Finance)

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Mr. Suresh Sharma (Expert Lecturer)
Mr. Anshul Bhandal (OATS R Institute)
Mr. Dinesh Kumar (Wololgy)

Technologies & Tools to be discussed

ABOUT JAIPUR

Jaipur is the capital and the largest city of the state. It is one of the most visited and architecturally irremediates cities in the world famous for its cloth, made ups, jewellery and other ethnic products. Geographical features include the Thar Desert along north-western Rajasthan and the termination of the Chaggar River near the archaeological ruins at Kalibanga, which are the oldest in the subcontinent discovered so far. During the month of the August, temperature varies between 25°C and 35°C. This pleasant weather ensures that you witness the royal city of Rajasthan with complete delight. At the center of its stately street grid (notable in India) stands the ornate, colonnaded City Palace complex. With gardens, courtyards and terraces, part of it is still a royal residence.

HOW TO REACH

PIET is located at BECO Institutional Area, Sitapura, Jaipur on Jaipur-Kota National Highway 12, at a distance of 22 kms from Jaipur Railway Station and Central Bus Terminal.

POORNIMA GROUP ADVISORY

Dr. Hari Singh Shekharani (Director (Infrastructure) PG)
Dr. Mohan M. Dasgula (Principal & Director, PCR)
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Dr. Manoj Gupta (Provost, PU)
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Dr. Rakha Nair (Dean, (1 Year) PCR)
Mr. Palaniswami Jidaj (Asst. Director, PCR)

ORGANIZING COMMITTEE

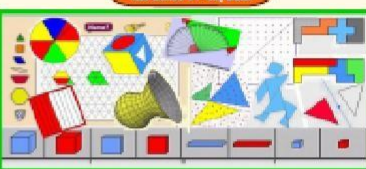
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Dr. Rakha Jais (Mr. Manish Sharma)
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Dr. Pooja Mathur (Dr. Pooja Gupta)
Mr. Ashok Choudhary (Mr. Vijay Saini)

FOR FURTHER INFORMATION

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**TEQIP-III SPONSORED
 FACULTY DEVELOPMENT PROGRAMME
 ON
 "SCIENTIFIC TOOLS IN RESEARCH METHODOLOGY"**


AUGUST 07-08, 2019



Organized By

Rajasthan Technical University, Kota
 &
Poornima Institute of Engineering & Technology, Jaipur
 Time: 9:30 AM to 4:30 PM
 Venue- PIET, Jaipur





Affiliated by Rajasthan Technical University, Kota & Approved by AICTE New Delhi
 Address: Poornima Institute of Engineering & Technology, Jaipur
 III-2, BECO Institutional Area Sitapura, Jaipur - 302022

ABOUT TEQIP-III

The Program, Third phase of Technical Education Quality Improvement program, initiated as TEQIP-III is fully integrated with the existing five year plan objectives for Technical Education as a key Component for improving the quality of Engineering Education in existing institutions with special emphasis for Low Income States and Special Category States and Support to strengthen five affiliated technical institutions to improve their policy, academic and management practices.

RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Rajasthan Technical University (RTU) is located at Kota in the state of Rajasthan. It was established in 2006 by the Government of Rajasthan. The university currently affiliated about 120 engineering colleges, 36 B. Arch. & MCA Colleges, 03 MBA Colleges, 04 M. Tech. College and 03 Health Management and Caring Institute. The University aims to provide quality technical education which may help Rajasthan in its technical development and will boost technical environment in the country.

POORNIMA GROUP OF COLLEGES

Poornima Group of Colleges (PGC) started its journey about 3 decades ago with the setting up of Poornima College of Engineering in year 2000. PGC came into existence with the aim of providing quality professional & technical education and today it is the most reputed group engaged in higher and technical education in Jaipur, Rajasthan. Poornima Foundation is presided by Technical Education Society (TES) which takes into existence in year 1999 by registering under Rajasthan Societies Act. The main objective of TES is to promote Technical & Professional Education in state of Rajasthan with state of art infrastructure and strong academic philosophy. Engage with modern education infrastructure, the institutions of Poornima Group of Colleges are spread over 1 million square meter of constructed area. Currently about 10000 students are enrolled here and over 3000 students reside on the campus. The institutions of the Poornima Group of Colleges have a very strong research tradition and culture. This group has a research portfolio of over Rs. 10 million of government funded projects.

What sets apart Poornima Group of Colleges from other colleges in Jaipur is its consistent focus on high quality, industry recognized delivery of education. Ensuring optimal and social involvement of its students. Poornima institutions successfully top the list of the top institutions in Jaipur. Poornima based operations continues through industry, reliability, transparency and performance of highest order and institute faith and confidence among all concerned in India and abroad.

Poornima Group of Colleges include colleges viz: (1) Poornima College of Engg. (PCE), (2) Poornima Institute of Engg. & Tech. (PIET), and (3) Poornima Group of Institutions (PGI) imparting education in the field of engineering and management approved by AICTE, and affiliated to Rajasthan Technical University.

POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY

Poornima Institute of Engineering & Technology, was established in 2007 with the aim of imparting pragmatic technical education. In its magnificent journey of 11 years, PIET has set benchmarks and reached to new heights in Engineering Education with dedication, perseverance and devotion. PIET is spearheading its outstanding voyage with the motto "Growth is not a destination, it's a journey".

PGI, PCE, PIET, and PIET are affiliated to Rajasthan Technical University, Kota. The Department was NBA Accredited (Computer Engineering & Electrical Engg. Stream) of Art of Infrastructure for Innovative Teaching Pedagogy and RIT based learning. Ranked 3rd by Rajasthan Technical University under Quality Index Value Framework.

ELIGIBILITY OF PARTICIPANT

The FDP is interdisciplinary and it is open to faculty members engaged in Engineering and Science disciplines, Ph. D. and PG students of engineering institute / Science colleges.

OBJECTIVE OF FDP

FDP aims to provide a platform to learn about research paper writing and techniques on using scientific tools of computing and offers guidance for preparing journal articles, reports as a structured and well-organized manner with necessary scientific computing. The Faculty Development Programmed is being organized on Research paper writing with scientific tools like MATLAB, R, Programming, Maple etc.

FOCUS AREA

Introduction to Scientific Tools

- MATLAB as a high performance language for technical computing, it integrates computation, visualization, and programming in an easy-to-use environment. Applications include: Application development, algorithm prototyping, data analysis, and prototyping.
- MAPLE as a symbolic and numeric computing environment, and is also a multi-paradigm program. Applications include: Data analysis, multi-dimensional mathematics.
- R Programming is fast for statistical data analysis and machine learning. By using the language you can create reports, functions and packages. You can use it wherever you have an internet connection, so you can apply it to an operating system. It's free, so anyone can install it on any operating system without purchase a license.
- TEQIP-III offers a wide range of generally recognized courses by providing self-paced courses to enhance the large number of professional objectives.

Scientific writing * Research Paper * Project * Ethics & Plagiarism

Research Methodology

- Sampling
- Data analysis

BENEFITS AND OUTCOME OF THE COURSE

- Participants will understand state of art research methodology.
- Participants will learn how to use applications tools for research in education.
- Participants will able to make quality research papers.

REGISTRATION DETAILS

Participants	Fee
Faculty from RTU/RTU affiliated institutions	Nil.
Ph.D and PG students from other than RTU/RTU institutions	1000/-INR.
Faculty from other than RTU/RTU institutions	2000/-INR.

Last Date for Registration 04 August, 2019

REGISTRATION FORM

**TEQIP-III SPONSORED
 FACULTY DEVELOPMENT PROGRAMME
 ON
 "SCIENTIFIC TOOLS IN RESEARCH METHODOLOGY"**

AUGUST 07-08, 2019

NAME: _____

REGISTRATION NO: _____

DEPARTMENT: _____

INSTITUTE & ADDRESS: _____

AFFILIATED TO: RTU/RTU _____ (YES/NO)

MAILING ADDRESS: _____

MOBILE NO.: _____

E-MAIL: _____

ACCOMMODATION REQUIRED: _____ (YES/NO)

Signature of Participant _____ Seal & Signature of Director / Principal _____

Registration Fee: Nil/Fee for Faculty from RTU/RTU affiliated institutions.

Accommodation: Lodging and boarding will be provided the faculty members on chargeable basis.

REGISTRATION FORM

Participants should send scanned copy of registration form duly signed by the head of the institution along with the registration fee by way of demand draft in favour of Poornima Institute of Engineering & Technology account payable at Jaipur. No Fee for Faculty from RTU affiliated institutions. Last date of submission is August 04, 2019.

- Information will be sent to the selected candidates through Email only by August 05, 2019.
- The paid fee will not be refunded under any circumstances.
- The selection of the participants will be done on PCE's basis. The upper limit of the participants is restricted upto 20 only. It is mandatory to attend all the sessions of the course to get the certificate.
- Participants are requested to make their own arrangements for stay during the FDP. However, suitable accommodation can be made to facilitate participants on pre request and on payment basis.
- No TA/DA will be provided to the participants. Breakfast High Tea, Lunch and Tea will be provided by organizers, during FDP.
- Participants may submit registration form through following Google link: <https://forms.gle/8888888888888888>