

**CHIEF PATRON**  
Prof. N.P. Kaushik,  
Hon'ble Vice- Chancellor, RTU, Kota

**PATRON**  
Dr. Ashish Dutt Sharma  
Director, G.I.E.T., Kota

**Coordinator**  
Dr. Bhagwan Das Gidwani  
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**Host Institute Coordinator**  
Mr. Jayesh Raj Singh  
Dept. of Mech. Engg., G.I.E.T., Kota

**RTU TEQIP-III Committee**  
Prof. Dharendra Mathur (Coordinator)  
Prof. D.K. Sambhariya (Nodal Officer Procurement)  
Dr. Harish Sharma (Nodal Officer Academics)  
Dr. S.D. Purohit (Nodal Officer Finance)

**Host Institute Organizing Committee**  
Mr. Brijendra Sangar  
Mr. Deepesh Namdev  
Mr. Manoj Nagar  
Ms. Pooja Nama

#### For Registration

Please visit over website [www.gurukulkota.org](http://www.gurukulkota.org) and fill the Google registration form.

#### Registration Fee

No fee from Faculties from RTU affiliated Institutes.

#### Venue

**Gurukul Institute of Engineering & Technology**  
IPB-13, RIICO Institutional Area, Ranpur, kota



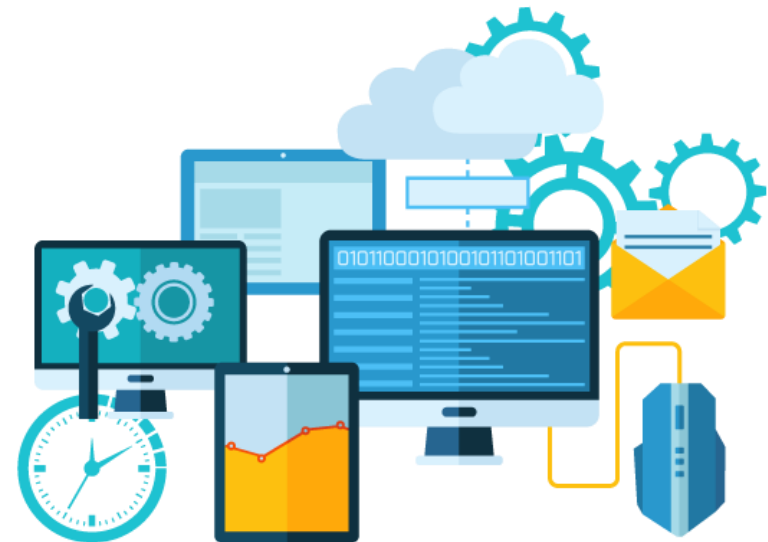
**TEQIP-III SPONSORED**  
Faculty Development Program



on

# RESEARCH METHODOLOGY

August 20<sup>th</sup> to 24<sup>th</sup>, 2018



**Organized by**  
Rajasthan Technical University, kota  
&

**Gurukul Institute of Engineering & Technology, Kota**

#### Coordinators

**Dr. Bhagwan Das Gidwani**  
Associate Professor (Mech),  
RTU, Kota

**Mr. Jayesh Raj Singh**  
Assistant Professor (Mech),  
G.I.E.T., Kota

## **About the TEQIP-III**

The project III phase of technical education quality improvement program (referred to as TEQIP-III) is fully integrated with the 12th 5 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 policies, academic and management practices.

## **About the 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. The university currently affiliates about 112 Engineering Colleges, 05 B.Arch, 27 MCA Colleges, 60 MBA Colleges, 48 M.Tech Colleges, 01 M.Arch and 02 Hotel Management and Catering Institute. More than 2.5 lacs students study in the various institutes affiliated to the University. The University aims to provide quality technical education which may help Rajasthan in its technical development and will boost technical environment in the country. The University offers almost all the disciplines related to technical education including Bachelor of Technology, Master of Technology, Master of Business Administration, Master of Computer Applications, and Bachelor of Hotel Management and Catering Technology.

## **About The Institute**

Gurukul institute of Engineering & Technology was founded by technocrats with the aim to contribute towards human development through academic pursuits and be a trend setter in the field of technical education. Gurukul institute of Engineering & Technology is known for its commitment with career orientation. It provides an environment where best of the professionals and students are able to accomplish their pursuits through quality teaching, training, publication, research and consultancy. Considerable input is always

given from the management to create a unique program and nurture the technocrats and corporate leader of tomorrow. The mentors are highly qualified motivated and rich in experience their involvement in overall professional advancement of students is comprehensive and total.

## **About the course**

This course aims the participants to familiarize with the art of planning and doing research and its scientific documentation. The duration of this workshop will be five consecutive days, with six hours session each day in a total of thirty hours. At the end of this program each participant will get Certificate of Participation.

## **Topics to be covered**

- Research Methodology: An Introduction
- Emerging Areas of Research
- Defining the Research Problem
- Research Design
- Ethics in Research
- Sampling Design
- Descriptive Research
- Methods of Data Collection
- Processing and Analysis of Data
- Sampling Fundamentals
- Testing of Hypotheses
- Multivariate Analysis Techniques
- Interpretation and Report Writing
- Statistics in Research
- Preparation of Report