

**Rajiv Gandhi Proudyogiki Vishwavidyalaya
Bhopal**

Accredited with 'A' grade by NAAC



Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV), accredited with 'A' grade by NAAC, established in the year 1998 is truly a picture of modernization offering learner-centric programmes in Engineering, Pharmacy, Architecture & Management. University is sprawled over a vast campus of 241.4 acres, marching towards development into a center of excellence in the arena of Technical Education, Research and Innovations. Under its umbrella there are 05 UTD's 188 affiliated Engineering Colleges, 69 Pharmacy Colleges, 25 MCA Colleges and 05 Architecture colleges imparting Graduate level instructions running 23 under graduate level courses & 84 post graduate level courses. Situated amidst an aesthetic and hilly surrounding, the University is also offering Ph.D. in eight faculties. RGPV has been selected by Ministry of Human Resource Development (MHRD) as one of the Affiliating Technical Universities (ATUs) among ten across the country for receiving TEQIP-III grant. The main objective of Faculty Development Programme (FDP) is to improve quality and equity in engineering teachers in order to up-grade the knowledge, enhancing research and teaching skills.

Chief Patron	Dr. Sunil Kumar Gupta Hon'ble Vice Chancellor, RGPV, Bhopal
Patron(s)	Prof. Suresh Singh Kushwaha Registrar, RGPV, Bhopal Dr. R. S. Rajput, Director, UIT-RGPV, Bhopal Shri K.C. Rathor Founder Member , Truba Group , Bhopal Mr. Shyam Rathor Member B.O.G Truba Group , Bhopal Mr.Sunil Dandir Member B.O.G Truba Group , Bhopal Mr. Dharmendra Raghuwanshi Member B.O.G Truba Group , Bhopal Mr.Pankaj Dandir Member B.O.G Truba Group , Bhopal
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Coordinator	Dr. Nilesh Diwakar Head, ME, TIEIT, Bhopal
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Organizing Committee	Prof. Amit Khare Prof. Raghvendra Namdeo Prof. Manoj Kushwah Prof. Shamir Denial Prof. Pankaj Badghiyan Prof. Nilesh Singh Prof. Rohit Gupta Prof. Jitendra Mishra Prof. Amit singh

Address for Correspondence

Dr. Nilesh Diwakar (9893380978)
Email: nilesh.diwakar@trubainstitute.ac.in

**Rajiv Gandhi Proudyogiki Vishwavidyalaya
Bhopal**



Three Days

FACULTY DEVELOPMENT PROGRAMME

On

“Composite Materials”

23th – 25th Jan 2020

Organised by

**Rajiv Gandhi Proudyogiki Vishwavidyalaya Under
TEQIP-III**

at



**Department of Mechanical Engineering
Truba Institute of Engineering & Information
Technology, Bhopal**

Karond Gandhi Nagar Bypass Road, Bhopal - 462038

Phone Number: 0755, 2734691-92-93

Fax: 07552734694

E-mail: info@trubainstitute.ac.in

Course Objective

The objective of this faculty development program to enhance better teaching ability with respect to content and delivery in the area of composite materials. This course is proposed to generate and impart knowledge on the advancement in composite materials to provide the knowledge about the mechanical characterization of composite materials and also provide the forum to keep themselves abreast of tribological peculiarities of composites. This will also provide a basic platform for a faculty who is willing to carry out research in this area and create the culture of learning and self improvement.

Course Contents

- Introduction to Composite Materials Need and General Characteristics
- Various types and its applications
- Fibers, Matrices, Polymers
- Ceramics, Metal Matrices
- Manufacturing Processes
- Equations Lamina Strength Analysis
- Thermal Analysis
- Fatigue and fracture evaluation of materials
- Buckling & Free Vibration analysis of materials

Learning outcomes

On completion of this FDP, participant will be able to:

- Understand the latest and advanced inputs about composites manufacturing techniques.
- Make specific recommendation for future course of action to promote efficient & effective trends and technologies in composite material manufacturing and their tribological aspects.
- This FDP will enhance better teaching ability with respect to content and delivery in the area of composite materials.

Who may Participate?

- Faculty members of Engineering Colleges
- Practicing Engineers of Government and Private Departments
- Scientists from R&D organizations
- Post Graduate Students

About Organising Institute & Department



TRUBA Group of Institutes is renowned name in the field of Technical & Professional education in the Central India region. The group was formed in the year 2001 at Bhopal, nurtured and promoted by the Young & Dynamic Technocrats under the auspicious guidance from the senior most technocrats, who is having a vast experience of serving the state government under the various capacities.

Department of Mechanical Engineering was established in the year 2001. The department conduct courses of B.E. in Mechanical Engineering with intake of 120 students, The department has fully equipped laboratories. The department also undertakes industrial Testing and Consultancy works as part of its interaction with industry and also organizes Continuing Education Programmes /Seminars/Symposia for professional benefit Field Engineers, faculty and Students.

Registration & Accommodation

Accommodation and travelling expenses are to be borne by the participants/ sponsoring agency. Hostels: A request for this need is to be made in advance. The participant will not be paid any TA/DA.

Important Dates:

Last Date for Registration: 23/01/2020

For online registration click on link

<http://teqip.rgpv.ac.in/Events/EventsHome.aspx>

Duration of FDP: 23th – 25th Jan 2020

Registration Form

Rajiv Gandhi Proudyogiki Vishwavidyalaya Bhopal

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Under

TEQIP-III

1. **Venue:** Truba Institute of Engineering & Information Technology, Bhopal
2. **Name:**.....
3. **Designation:**.....
4. **Organization:**
5. **Phone No.**
6. **Email id**
7. **Accommodation required (Y/N):**.....

Signature of Applicant with date

Signature
(Sponsoring Authority)