

Rajiv Gandhi Proudyogiki Vishwavidyalaya
Bhopal

Accredited with 'A' grade by NAAC



Situated amidst an aesthetic and hilly surrounding, 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, and Management. University is sprawled over a vast campus of 241.4 acres, marching towards development into a centre of excellence in the arena of Technical Education, Research and Innovations. Under its umbrella there are 3 UIT's, 5 UTD's and 188 affiliated Engineering colleges, 69 Pharmacy colleges, 25 MCA colleges and 05 Architecture colleges, imparting instructions in 23 under graduate level & 84 post graduate level courses. The University is also offering PhD 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.

Chief Patron Prof. Sunil Kumar Gupta
Hon'ble Vice Chancellor,
RGPV, Bhopal

Patron(s) Prof. Suresh S. Kushwah
Registrar, RGPV, Bhopal

Prof. R. S. Rajput,
Director, UIT-RGPV, Bhopal

Prof. S.C. Choube
Coordinator TEQIP III
RGPV, Bhopal

Convener Prof. Vinita Saxena Nigam
HOD, ECE Deptt.

Coordinator Dr. Sanjay K. Sharma
Asstt. Prof. ECE Deptt.

Co-coordinators

- Mr. Aashish Parihar
- Mr. Binod Soni

Organizing committee

- Prof. Rakesh Singhai
- Prof. R. K. Chidar
- Prof. Anubhuti Khare
- Prof. Preety D. Swami
- Prof. Prabhat Patel
- Mrs. Aparna singh Kushwah
- Miss Prasansa Francis
- Dr. Avinash Rai
- All other faculty members,
DoECE, UIT-RGPV
- Mr Ananda Murthy BR
Planet Aerospace, Bengaluru
- Mr Venkata Rao M
Planet Aerospace, Bengaluru

Rajiv Gandhi Proudyogiki Vishwavidyalaya
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Three days
Workshop
on

“Design and Development of Nano-Satellites”
(4th - 6th March, 2020)

Under
TEQIP – III

In association with



Organised by
Department of Electronics and Communication
University Institute of Technology
RGPV Bhopal
at
Conference Hall, RGPV, Bhopal (MP)

Course Objective

This three days workshop intends to introduce different aspects of design and control of a Nano-satellite to faculties, research scholars and students so that it could subsequently pave the way for developing a Nano-satellite.

Workshop will cover

The process of satellite design, the effects of space environments for the development of satellites, space technology and astrodynamics required for space mission design and control, the important principles of modern spacecraft communication.

Main Focus will be on

- Satellite Communication, Payload Systems, Mechanical Systems and System Engineering.
- Space Environment, Electrical Systems, and Altitude determination & control systems.
- Mission and Ground station.
- Satellite command and telemetry signals.
- Assembly, Integration, and Testing.
- Building a Nano-satellite, Reliability & Quality Assurance of Nano-satellites.

Resources: All the experts are retired Scientists and Engineers from Indian Space Research Organization (ISRO).

About Organising Institute & Department

University Institute of Technology RGPV was established in the year 1987 as government engineering college Bhopal. In year 2002 the institute was declared as a constituent college of Rajiv Gandhi Proudyogiki Vishwavidyalaya Bhopal, the technological university of the state of Madhya Pradesh.

Electronics and Communication department is one of the oldest departments of the University Institute of Technology (UIT), and it was established in the year 1987. In the year 2004, this deptt. was accredited, by NBA, for three years.

Deptt. offers UG and PG programmes, Five Year Dual Degree (B.E. + M.Tech.), Integrated Post Graduate Program and research programmes leading to Ph.D. degree. Department have experienced faculties in different fields of specializations.

Deptt. have several well equipped labs such as Communication Lab, Microwave Lab, Microprocessor and Microcontroller Lab, Digital Lab, Circuit and Network Lab, VLSI design lab, and Project Lab, where students are given rigorous practical sessions. Deptt. has also established a new laboratory for VLSI design, which comprises advanced Software and Hardware. Apart from these well equipped labs, deptt. also have two computing labs.

A large number of research papers have been published by faculty members in international and national journals of repute.

Who can participate: UG and PG students, research scholars, faculty members from EC\CS\IT\EE\ME disciplines. and engineers.

Registration

For Registration

Visit online registration link

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

Contact:-

Dr. Sanjay K. Sharma, 9425784098, sksharma@rgtu.net

or Mr. Aashish Parihar, 8827439799,

parihar.aashish@gmail.com

or Mr. Binod Soni @ 9826123303

Registration Form

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(4th - 6th March, 2020)

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TEQIP – III

Organised by

Department of Electronics and Communication
University Institute of Technology
RGPV Bhopal

Venue: Conference Hall, RGPV Bhopal

Name: _____

Educational Qualification: _____

Designation / Sem: _____

Department: _____

Name of Institution: _____

Mobile no.: _____

E-mail ID: _____

Accommodation(Y/N): _____

Signature of participant: _____

Date: _____ Place: _____

Sponsorship Certificate

Dr./Mr/Mrs. _____ is working as faculty or a student in our institute. He/She is permitted for attending this workshop and shall be relieved for the same.

Signature & Seal of Forwarding Authority

Note: If required, make copies of this form. A scanned copy of the filled form can be sent by e-mail to the coordinator.