

## 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

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

### Patron(s)

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Prof. R. S. Rajput,  
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Prof. Meena Khwairakpam  
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### Coordinator(s)

Prof Sudhir S. Bhadauria  
(Professor & Head CE UIT)  
Prof. Amit Vishwakarma  
(Associate Professor, CE UIT)

### Convener(s)

Prof. Suresh S. Kushwah  
Prof. Saleem Akhtar

### Organizing Committee

Prof. Saboor Khan  
Prof. Pankaj Jain  
Prof. Aruna Rawat  
Prof. Santosh Kumar Kharole  
Prof. Savita Vyas  
Prof. Aslam Hussain

### Venue

Civil Engineering Department, UIT - RGPV, Bhopal

### Address for Correspondence

#### Coordinator and Head,

Department of Civil Engineering,  
University Institute of Technology, RGPV,  
Bhopal 462 033, Madhya Pradesh

Mobile no. 9425109245; 9302199996

Phone: +91-755-2678850, 2678864;

E-Mail Id.: hodcivil@rgtu.net; amitvishi@gmail.com

Website: [www.uitrgpv.ac.in](http://www.uitrgpv.ac.in), [www.rgpv.ac.in](http://www.rgpv.ac.in)

## Rajiv Gandhi Proudyogiki Vishwavidyalaya Bhopal

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One Week Faculty Development Program  
On

“Sustainable Solid Waste Management  
Under TEQIP Phase III

April 02<sup>nd</sup>–06<sup>th</sup>, 2018

Organised by

Rajiv Gandhi Proudyogiki Vishwavidyalaya  
Under

TEQIP-III

at

Department of Civil Engineering  
University Institute of Technology (UIT),  
Rajiv Gandhi Proudyogiki Vishwavidyalaya  
(State Technological University of Madhya Pradesh)  
Airport Bypass Road, Bhopal 462 033, Madhya Pradesh

## Registration Form

### One Week Faculty Development Program on “Sustainable Solid Waste Management”

April 02<sup>nd</sup>–06<sup>th</sup>, 2018

Under TEQIP-III

1. Venue: **Department of Civil Engineering, UIT RGPV, Bhopal.**
2. Name:.....
3. Designation:.....
4. Organization: .....
5. Phone No. ....
5. Email id .....
7. Accommodation required  
(Y/N):.....

Signature of Applicant with date

Signature (Sponsoring Authority)

- Photo copy additional copies of this form, if needed.

## About Organising Institute and Department



Department of Civil Engineering was established in the year 2002. The department conduct courses of B.E. in Civil Engineering with intake of 60 students, PG program (M.E.) in Structural Engineering with intake of 18 students and PhD Programmes. The department is also actively involved in research activities. It has qualified and experienced faculty in different fields of specialization. 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 and Accommodation

#### FDP Fees

The participant registration fee for one week FDP is:

- Academic Institutions: **No registration fee.**
- Selection will be based on first come first basis as the seats are limited.
- **Last date for receiving completely filled registration form is 27<sup>th</sup> March' 2018.**
- Accommodation to the outstation participants, if required will be provided in UIT - RGPV, Bhopal Hostel/ Guest House.
- **A scanned copy of the filled form can be sent by e-mail to the FDP coordinator.**

## Course Objective

Sustainable solid waste management is a need of t urbanization, development and Industrialization. As we are edge of revolutionary technology that is changing day by day waste characterization also changes according to that. Selec technology for Solid waste management is depende characteristics of waste.



**Landfill site: Bhanpur Khanti, Bhopal, M.P., India**

The aim of this FDP is to discuss the technologie processes available for sustainable solid waste manage In depth knowledge of segregations, vermi-Comp Recycle & Reuse of the materials and finally tee details of dumping yard or landfill.

#### Course Contents

- Fundamentals of Sustainable solid waste Management
- MSW composition Characterization and its Properties
- Possible Ground Pollution, Air Pollution and Soil Po from Solid Wastes.
- Concepts of 3R (Reduce, Reuse, and Recycle).
- Vermi-Composting and its Benefits.
- Sanitary Land filling Fundamentals.
- Options for On-site Waste Processing.
- Review of guidelines of Municipal Solid Waste Manag Rules 2016
- Swatthchata Sarvekshad Abhiyan 2018 in view of M Pradesh India.
- Case study of Municipal Solid Waste Management of Areas
- Site Visit and Other relevant tonics