

### About the JUIT .....

JUIT Wagnaghat offers a challenging academic environment to its students. It aims to instil the habit of life-long learning and therefore provides a learner-centric educational process. The system has been designed to provide students the freedom to learn what they want to learn at a pace determined by them. University holds a vision to become the centre of excellence in the field of IT and related emerging areas in education, training and research comparable to the best in the world for producing professionals, who shall be leaders in innovations, entrepreneurship, creativity and management.

### About the Department.....

The Department offers four-year undergraduate programme (B. Tech), and two-year post-graduate programmes (M. Tech) in the three specializations—Structural Engineering, Environmental Engineering, and Construction Management. The curricula at both the levels have been designed keeping in view the emerging industrial and practical needs of the Civil Engineering field with an emphasis on use of computational tools. Some selected students of B. Tech complete their final semester at University of Florida (UF), USA as per MoU between JUIT and UF. The Department also runs an active PhD programme. Ample research facilities including library with the latest journals, laboratories with modern equipments and software tools are provided. The department has got Govt. funded research Projects.

### About the Course.....

One of the major environmental problems faced by India is management of solid waste in cities and towns. In almost all the cities/towns in the developing world, the municipal authorities are responsible for the collection, transport and disposal of municipal wastes. India lacks appropriate strategies, methods for mobilization of financial resources and the necessary infrastructure for organized waste management. This leads to low collection coverage, especially in poor or marginal areas of the cities, and also to uncontrolled disposal. In India, approximately 62 million tonnes of waste are generated annually and about 5-25% of the urban local bodies' budget is utilized for solid waste management. Up to 50-60 % of the waste generated daily remained uncollected in the cities; the remaining waste is collected irregularly, dumped in an uncontrolled manner, or burnt on vacant plots or on the outskirts of cities. In this course, an attempt has been made to provide a comprehensive review of municipal solid waste (MSW) management for Indian cities to evaluate the current status and identify the challenges and opportunities of MSW management.

### Course contents.....

- Municipal Solid Waste Management
  - Sources, composting and properties of solid waste
  - Solid waste generation and collection rates
  - Collection and transport of solid waste
  - Disposal of solid waste
- Environmental Economics and waste management
- Waste Management Rules, 2016
- Landfills operation and closure

*Two - day Workshop  
On*

## *Waste Management - Issues and Concerns*

**March 20-21<sup>st</sup>, 2020**



**Organized by**

**Department of Civil Engineering,  
Jaypee University of Information  
Technology, Wagnaghat, Solan,  
H.P (173234)**

## Internal Resource Person

Prof. Samir Dev Gupta      JUIT Waknaghat  
Prof. A.K. Gupta            JUIT Waknaghat  
Dr. Rajiv Ganguly         JUIT Waknaghat  
Dr. Rishi Rana              JUIT Waknaghat

## Registration

S. No.	Participant	Registration Fee	
		(Without food and accommodation facility)	(With food and accommodation facility)
1	Student	250	1000
2	Others	300	1500
Online Payment Details			
Name of the Bank	Punjab National Bank, Waknaghat		
Name of Beneficiary	Jaypee University of Information Technology		
Account No.	0427032100000010		
IFSC Code	PUNB0637100		
Type of Account	Current		

## Organizing Committee

### Patron

Prof. (Dr.) Vinod Kumar  
Vice Chancellor, JUIT, Waknaghat

### Program Chair

Prof. Ashok Kumar Gupta  
Head of Department  
Department of Civil Engineering

### Program Convener

Dr. Rajiv Ganguly  
Associate Professor  
Department of Civil Engineering.

Dr. Rishi Rana  
Assistant Professor  
Department of Civil Engineering.

### Correspondence

Please mail the signed copy of the registration form at the email id: rishi.rana1@gmail.com;  
Contact: +91-9417527987

Jaypee University of Information Technology

**Two - Day Workshop  
On**

**Waste Management-Issues and Concerns**

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## REGISTRATION FORM

Name:.....  
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