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**Prof. C R Tripathy,**  
Vice-Chancellor, BPUT  
**Shri Binod Dash,**  
Chair man & Managing Trustee

## Patrons

**Er. A K Sahu.** Trustee

## Convener

**Dr. Itishree Mohanty**

## Co-Convener

**Dr. Subhakanta Dash**

## Organising Committee

Prof. P.K.Mishra, HOD, English  
Prof. S.S.Pati, HOD, Electrical Engg  
Dr.J.K.Mohapatra, HOD, Mathematics  
Prof.U.P.Panigrahy, HOD, Mechanical Engg  
Prof. Ramesh Chandra Panda, Mechanical Engg  
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Dr.L.Dhalasamanta, Dept. of Electrical  
Prof.B.D.Pradhan, Dept. of Electronics  
Dr.J.Singh, HOD, Dept of Physics  
Dr.M.P.Dash, Dept. of Physics  
Prof.S.Abinash, HOD, Dept of CS

## Registration Fees

Interested Participant may register their names in advance or at the venue

Category	Indian (in INR)		International (in USD)	
	Before deadline	After deadline	Before deadline	After deadline
Faculty and Research Scholars	400	500	50	60
Industry, R&D Institutions	1,500	2,000	70	75
PG/UG Students	300	400	30	40

## Important Dates

Conference Dates : 24 February 2020  
Abstract Submission : 25 January 2020  
Full Paper Submission : 05 February 2020  
Acceptance Deadline : 10 February 2020  
Registration Deadline : 15 February 2020

## For Registration Contact

### Convener

**Prof. (Dr.) Itishree Mohanty**  
Principal, Synergy Institute of Engineering & Technology,  
Dhenkanal

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Email: imohanty@gmail.com

### Co-Convener

**Prof.(Dr.) Subhakanta Dash**  
Assistant Professor

Department of Chemistry

Mob: +91- 9776885058

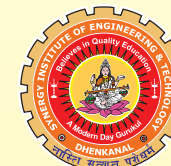
Email: subhakantadash9@gmail.com

### Coordinator

**Prof. Rudra Prasanna Nayak**

Asst. Prof., Department of Chemistry

Ph: 8249414327



Since 1999

TEQIP-III, BPUT, Odisha Sponsored  
National Seminar

On

**Treatment and Utilization  
of Industrial/Mining Waste for  
Sustainable Environment**

**(TUIMW-2020)**

**24 February-2020**



Organised by

**Department of Chemistry**

Synergy Institute of Engineering & Technology  
Banamaliprasad, By the side of NH 55  
Dhenkanal, Odisha, India - 759 001  
Telefax: 91 6762 225905/226708  
Email: sietdkl@synergyinstitute.net

**SYNERGY**  
INSTITUTE OF ENGINEERING AND TECHNOLOGY



## About Biju Patnaik University of Technology

Biju Patanik University of Technology (BPUT) was created by an Act of the Odisha State Legislature in November 2002. It is the state Technical University of Odisha and is a leading Affiliating Technical Univerity(ATU) of the country. The jurisdiction of BPUT extends to the whole state of Odisha with its headquarters at Rourkela. Since the day of inception, the BPUT has been constantly promoting Education, Research and Training in various fields for the advancement of knowledge and for the society. The University over the last 17 years of existence has serve as the epic centre in fostering cooperation and interacting between the academic and research community one hand at industry and on the other. The University has moe than 160 affiliated colleges, 6 constituent colleges and the Centre for Advanced Post Graduate Studies (CAPGS) under its control.

## About the Institute

Synergy Institute of Engineering & Technology, Dhenkanal, a long cherished dream of Shivani Educational & Charitable Trust took shape in the year 1999. It has five branches namely EE, EC, CSE, ME & CE in B.Tech with total annual intake of 270. The college adopted Outcome Based Education methodology for all programs. Research and consultancy projects, dedicated experienced faculty, well equipped laboratories, good infrastructure and meritorious students are the major strengths of the institute. The institute has been accredited by NAAC, UGC, and Govt. of India. The institute has Wi-Fi campus.

## About Department

The department was established in the year 1999 with a view to provide value based quality education. The department is recognized as a centre of academic excellence. It has well equipped laboratory and well experienced faculty members.

## TUIMW-2019

Fly ash is a byproduct of combustion of coal in thermal power plants. In the present scenario around 160 MT of fly ash is produced and it is likely to be increased up to 600

MT by the year 2030. Some of the problems associated with fly ash are large area of land is required for disposal and toxicity associated with heavy metal present in fly ash is leached to the ground water. An eco-friendly solution of the problems is the logical necessity today. Now-a-days, fly ash is being very effectively and economically used in cement, building Components, bricks, door, synthesis of zeolite mine backfill, road sub base material, tiles, aggregate and synthesis of dyes. Through development and application fly ash can be changed from waste material category to resource material.

## Conference Track

Introduction of waste generation and Utilization, Material Science aspects, Building Material, Different Waste materials used Concrete, Industrial solid/ liquid waste management, Mining waste Management, Building Material from Waste, Fly ash use in agriculture and forestry, Municipal solid waste.

## Who Should Participate

The conference provides unique opportunity of learning from distinguished personalities who have already gained recognition in National/ International level. Faculty members, persons from industry, students and researchers interested in waste utilization and its application should participate.

## Venue

Synergy Institute of Engineering & Technology, Dhenkanal, Odisha, India - 759 001.

## Paper Submission

Prospective authors are invited to submit original technical papers for publication in the TUIMW 2019 Conference proceedings and for presentation at the Conference.

Authors are requested to submit full (original) soft copy of research papers which are NOT submitted or published or under consideration anywhere in other conferences or journals in (PDF only) through **email: tuimw2020@gmail.com**

## REGISTRATION FORM

### Treatment and Utilization of Industrial/Mining Waste for Sustainable Environment.

(TUIMW-2020)

1. Name: \_\_\_\_\_

2. Designation: \_\_\_\_\_

3. Specialization: \_\_\_\_\_

4. Department: \_\_\_\_\_

5. Organization: \_\_\_\_\_

\_\_\_\_\_ :

\_\_\_\_\_

6. Registration Charges \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Date \_\_\_\_\_

Signature

## SPONSORSHIP CERTIFICATE

Dr./Mr./Mrs./Ms..... is sponsored to attend TEQIP-III, BPUT, Odisha sponsored National Seminar On Treatment and Utilization of Industrial/Mining Waste for Sustainable Environment to be held on 24.02.2020 at Synergy Institute of Engineering & Technology, Dhenkanal.



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