

Introduction

The quantum of various municipal solid waste and shortage of the natural aggregates is gradually increases due to increasing of population, urbanization, development activity & change in life style. Such non-biodegradable elements are major problem posed to society by increasing environmental pollution and create a challenge to dispose now-a-days. However replacement of conventional materials by these wastes in construction of pavements may overcome the challenge of disposal issue. Further the road construction industry has consistently drawn its attention to a broadened utilization of advanced Non-Destructive Testing (NDT) systems for pavement evaluation. Such approach could suggest a practical and cost-effective pavement evaluation tool, when the procurement and transportation logistics of implementing multiple and expensive equipment may be a critical issue.

This workshop aimed at discussing some of these critical issues and providing possible solutions to them. This will also provide a common platform to the different stakeholders such as clients, contractors, consultants, researchers and academicians to diffuse knowledge on disposal issue of MSW by considering all possible directions. Therefore, endeavour of this workshop is to provide a knowledge sharing platform to all associated with the utilization of various wastes as alternative materials for construction of long-life and cost effective pavements and use of NDT technologies to measure the quality of the pavements to open up new avenues for the construction industry.

About the Institute

Indian Institute of Engineering Science and Technology, Shibpur, an Institute of National Importance under MHRD, Govt. of India, was established as Civil Engineering College Calcutta in 1856 with the idea of introducing engineering education in the country. This is the second oldest institution for engineering education in India. The institute has been formerly known as Bengal Engineering College, Shibpur. The Department of Civil Engineering is thus as old as the institute and has been striving to develop and maintain a glorious tradition of producing quality Civil Engineers for the country.

The institute is located in Howrah, the twin-city of Kolkata, on the west bank of the river Hooghly (the Ganges). It has a picturesque green campus and is adjacent to the Acharya Jagadish Chandra Bose Indian Botanic Garden. The campus is about 5 km from the Howrah railway station and 26 km from Netaji Subhash Chandra Bose International Airport, Kolkata.

Workshop focus

The workshop will focus on the recent advancements in utilization of the non-conventional modified paving ingredients for construction of pavements. The presentations will also include research updates in the advancement in the Non-Destructive Testing (NDT) systems for pavement evaluation in India and abroad. The renowned experts, who are likely to diffuse their profound knowledge listed below-

- Prof. Wynand Steyn, University of Pretoria, South Africa
- Prof. Gerrit Jordaan, University of Pretoria, South Africa
- Prof. Ellie H. Fini, Arizona State University, USA
- Prof. Kusam Sudhakar. Reddy, IIT Kharagpur
- Prof. M Amarnatha Reddy, IIT Kharagpur
- Prof. R. N., G. D. Ransinchung, IIT Roorkee
- Prof. Mahabir Panda, NIT Rourkela
- Prof. Subrata Chakraborty, IEST Shibpur
- Engr. C.R. Nanda, Chief Engineer, CPWD, Kolkata
- Dr. Tapash Kumar Roy, IEST, Shibpur
- Dr. Pritam Saha, IEST, Shibpur
- Dr. Anuj Kishor Budhkar, IEST, Shibpur

Organizing Committee

Patron:	Prof. Parthasarathi Chakraborti, Director, IEST, Shibpur
Chairman:	Prof. Ambarish Ghosh, Professor & Head, CE Department, IEST, Shibpur
Co-Chairman:	Prof. Sudip Kumar Roy, Dean (Academic) & Professor CE Department, IEST, Shibpur.
Coordinator:	Dr. Tapash Kumar Roy, Associate Professor, CE Department, IEST Shibpur.
Members:	Dr. Asok Adak, Associate Professor, CE Department, IEST, Shibpur Dr. Soumya Bhattacharjya, Associate Professor, CE Department, IEST, Shibpur Prof. Sandip Chakraborty, Assistant Professor, CE Department, IEST, Shibpur Dr. Sujit Kumar Dalui, Assistant Professor, CE Department, IEST, Shibpur Dr. Pritam Saha, Assistant Professor, CE Department, IEST, Shibpur Dr. Anuj Kishor Budhkar, Assistant Professor, CE Department, IEST, Shibpur Dr. Dipankana Bhattacharjee, Assistant Professor, CE Department, IEST, Shibpur
Advisors:	Prof. Kalyan Kumar Chattopadhyay, Professor, CE Department, IEST Shibpur Prof. Kalyan Kumar Bhar, Dean (P&D) & Professor, CE Department, IEST Shibpur Prof. Salil Halder, Professor, AE & AM Department, IEST, Shibpur Prof. Subrata Chakraborty, Professor, CE Department, IEST, Shibpur Prof. Anirban Gupta, Professor, CE Department, IEST, Shibpur Dr. Aparna Dey Ghosh, Professor, CE Department, IEST Shibpur Prof. Chaitali Ray, Professor, CE Department, IEST Shibpur Dr. Debabrata Majumder, Dean (SW) & Professor, CE Department, IEST Shibpur

Important Dates

Last date for application: 30th January 2021

Intimation to applicant: 31st January 2021

Registration

A filled-in Registration form is to be submitted within 30th January, 2021 using the following e-mail address: tapash@civil.iests.ac.in; tapasiest@gmail.com

Registration Fee: Nil

Registration Form

National Workshop on

Application of Non-conventional pavement materials and NDT in road infrastructure - Current practice and Future trends

February 01-05, 2021

Department of Civil Engineering

Indian Institute of Engineering Science and Technology, Shibpur

Name: _____

Designation: _____

Affiliation: _____

Postal address: _____

Tel.(Off.): _____

Mobile: _____

Email ID: _____

Date: _____

Place: _____

Signature

Please send the signed scan copy of registration form in the following e-mail address:

tapash@civil.iests.ac.in; tapasiest@gmail.com

Contact address

Dr. Tapash Kumar Roy

Coordinator

Department of Civil Engineering

IEST Shibpur, Howrah

Phone: 09051400357; 08240757216

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