

ONE DAY WORKSHOP

under Research Project Funded by HSMI
HUDCO, New Delhi

on

Construction of Low Volume Roads on Soft Soil Improved by Locally Available Marginal Materials

14th AUGUST, 2015



CONVENER

Dr. R. K. Tripathi

Professor & HOD (Civil) & Principal Investigator

CO-ORDINATOR

Dr. Laxmikant Yadu

Assistant Professor & Co-Principal Investigator

ORGANIZED BY:

**Department of Civil Engineering
National Institute of Technology
Raipur (C.G.) - 492 010, INDIA.**

in association with

HSMI, HUDCO, New Delhi

Objective:

Human Settlement Management Institute (HSMI) HUDCO, New Delhi awarded a research project entitled "Construction of Low Volume Roads on Soft Soil Improved by Locally Available Marginal Materials" to Dr. R.K. Tripathi and Dr. Laxmikant Yadu, Civil Engineering Department, NIT Raipur. This project is related to identifying the locations where soft soil present as subgrade for pavement and improved the same with locally available marginal materials to save the cost of construction of pavement. This project may help the field engineers to identify the local available marginal materials and use the same to strengthen the soft subgrade. The aim of the workshop is to discuss the results of research project with representative of HSMI, HUDCO, New Delhi & HUDCO office Raipur and stakeholders i.e. Field Engineering, Faculties, Researchers and Research Scholars. This workshop will provide the suggestions to the field engineers to use the locally available marginal materials for strengthen the soft subgrade. This workshop also offers an opportunity to field engineers, researchers and faculty members to know the concept behind preparation of detailed project report for the construction of rural roads and site selection for long span bridges in rural roads.

Theme:

This workshop is primarily emphasis on two broad aspects:

1. Use of locally available marginal material for improvement of soft subgrade soils for construction of low volume roads.
2. To train the field engineers for preparation of details project report for construction of rural roads and site selection of long span bridges for the rural roads.

Course Outline:

The following topics will cover in this Workshop:

- Scope of use of locally available marginal materials for improvement of soft subgrade soils for the construction of low volume roads.
- Preparation of detailed project report for rural roads.
- Site selection of long span bridges for the rural roads.

About the Institute:

National Institute of Technology Raipur (Formerly Government Engineering College Raipur), situated in the capital of a newly incepted state of Chhattisgarh, has proven to be 'avant-grade' in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by our president Hon'ble Dr. Rajendra Prasad on 14th September 1956. The institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our Prime Minister Hon'ble Pt. Jawahar Lal Nehru on 14th March 1963. From 1st December 2005, the institute has become the National Institute of Technology. It is well connected with Mumbai, Delhi, Hyderabad, Kolkata, Bhopal, Ahmedabad, Bangalore, Chennai and Chandigarh by regular flights and is on the main Howrah-Mumbai railway route. The institute is 5 km from the Raipur railways station and 18 km from airport on NH-6, the Great Eastern Road.

About Department:

The Department of Civil Engineering at NIT Raipur (formerly, Government college of Engineering and Technology) is producing high quality technical manpower; required by various industrial establishments, R&D organizations, Govt. & public establishments and academic institutions since 1958. The Department offers B Tech degree in Civil Engineering and M Tech degree in Civil Engineering with specializations in Water Resources Development & Irrigation Engineering and Structural Engineering. The Department has been offering Ph.D. program in various specializations. The Department also encourages its students to engage in extra-curricular and co-curricular activities, essential for development, nurturing of team spirit, and developing organizational skills. The faculty members of the department are involved in research and consultancy activities, and they continue to enjoy academic leader role in the country. Govt. of India has recognized Civil Engineering Department as State Technical Agency for implementation of its ambitious projects of Pradhan Mantri Gram Sadak Yojana (PMGSY) & National Rural Drinking Water Programme (NRDWP).

Venue:

F-5, Department of Civil Engineering,
NIT Raipur (CG) – 492 010, INDIA

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Dr. Laxmikant Yadu, Assistant Professor, NIT Raipur

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REGISTRATION FORM

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Full Name (Block Letter):

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Name of College/Institution/Organization:

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Qualification:

Designation:

Address:

.....

Pin code:

Phone No.:

Mobile No.:

E-mail:

Place:

Date:

Signature of the participant
