

AICTE Sponsored Staff Development Programme On  
**"ROAD CONSTRUCTION TECHNIQUES AND ITS  
QUALITY CONTROL"**

February 22<sup>nd</sup> to 3<sup>rd</sup> March, 2010

APPLICATION Cum REGISTRATION FORM

(Use BLOCK Letters only)

Name: .....  
Date of Birth: .....  
Designation: .....  
Department: .....  
Highest Qualification: .....  
Experience (in years) Teaching: ..... Industry: .....  
Institution: ..... Is  
the Institution AICTE approved? Yes/No  
Mailing address: .....  
Tel (Office)STDCode: No. Res/Mobile: .....  
E-mail: .....  
Whether Hostel accommodation required- Yes No

**Declaration by the Candidate**

The information furnished is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the programme for the entire duration.

Place:-

Date:-

Signature of the applicant

Designation: .....

**Sponsorship Certificate**

Certify that Mr./Mrs/Dr ..... is an employee of our institution and hereby sponsored for the Staff Development Programme on Road Construction Techniques and its Quality Control at NIT, Agartala during February 22<sup>nd</sup> to 3<sup>rd</sup> March, 2010. He/She will be permitted to attend the programme fully, if selected.

Place:-

Date:-

Signature of the sponsoring authority & Seal

Note:-Xerox copy of the application form can also be used for applying. Brochure & application form can also be downloaded from the following link:

[www.nitagartala.in/sdp/ai/](http://www.nitagartala.in/sdp/ai/)



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Coordinators  
**Prof. Manish Pal**  
**Prof. Rajib Saha**



Conducted by  
**Civil Engineering Department**  
**National Institute of Technology, Agartala**  
Agartala, Tripura(W)-799055  
Tel: +91-0381-2346630,2348522  
Fax: +91-0381-2346360  
url: <http://www.nitagartala.in>

### About the Institution:

National Institute of Technology, Agartala is a centrally funded Institute of National Importance is set up to impart quality technical education into various levels of higher learning. The erstwhile Tripura Engineering College, setup in 1965, which was upgraded to National Institute of Technology, Agartala w.e.f. 1st April 2006. At present, the institute is run under the provision of NIT Act, 2007 and it is continuing with several UG courses like, Civil, Mechanical, Electrical, Computer Science & Engineering, Electronics & Communication Engineering etc. and three PG courses like Structural Engineering under Civil Engineering Department, Thermal Science & Engineering under Mechanical Engineering Department and Power Electronics and Drives under Electrical Engineering Department. This Institute is intended to cater the needs of the technical manpower in this region in particular and in India as a whole.

### Department of Civil Engineering:

The Department of Civil Engineering was formed in 1965. The first undergraduate batch rolled out in the year 1970. Since, its inception, the department has always been recognized for excellence. The mission of the Department is to help the society by educating engineers with the ability to administer & manage real world problems with various modernized lab facilities under different specialization along with latest version of advanced softwares viz ANSYS, PLAXIS, MIDAS, ABAQUS etc. and acting as a State resource/referral body for various activities, the department are equiped to provide state of the art research and development platform in different specialization viz. Structural Engineering, Geotechnical Engineering, Transportation Engineering, Environmental Engineering & Water Resource Engineering etc. besides the regular classroom teaching practice.

### About the Programme:

The AICTE sponsored SDP programs aims at enhancing the knowledge of the participants in all aspects. For a country of India's size, an efficient road network is necessary both for national integration as well as for overall socio-economic development. With an extensive road network of 3.3 million kilometers, India is the second largest in the world. The call for introduction innovative approaches in roads building for achieving cost-effectiveness. At this juncture, an attempt is made to bring in together innovative technologies and discuss their positive impacts so as to convince the field engineers in adopting such technologies at placed found effective. The above discussion leads to the conclusion that a well trained work force is sine quo non for building and maintaining roads of good quality and make the road rupee go further kilometers. Having identified such a need, a training system to meet the needs is outlined in the said course. That's why some basic idea about design, construction & maintenance of road and its quality control is required to the department of civil engineering and Civil & transportation Engineering professionals but also in related other fields of Engineering.

**SITE VISIT TO ROAD CONSTRUCTION PROJECT AND PERFORMANCE OF QUALITY CONTROL TESTS**

### Objectives of the Programme:

#### The main objectives of the Programme are -

- Basic idea about Road construction & Quality control. Necessity of learning construction Techniques & quality control in road construction, Use of locally available materials.
- Proper assessment of requirements for road pavement project : design criteria, design life and minimum acceptable for riding quality, socio-economic feasibility study, traffic study.
- Assessment of quality of finished pavement, Preliminary consideration of Bridge design.
- Field supervision and quality control.

#### Speakers & Training Methodology:

Senior faculty members from the reputed institutions and experts from the industries shall be covering the topics by delivering expertise talks.  
Hands on Training of Road Survey by expert survey professionals

#### Free Registration & Boarding & Lodging:

There is no fee charged for the course. The application shall be in the given format appended. Faculty from AICTE approved technical institutions shall be provided with train fare and free lodging and boarding as per AICTE norms. Course material shall be provided as per AICTE guidelines.

#### Travelling Allowances (TA)

TA will be provided to all outstation participants as per the institute norms.

#### Important Dates:

Last Date for Receipt of filled in applications: 19-02-10  
Date of intimation regarding selection: 21-02-10

### Venue: Room No. 130

Completed application form should be sent by Fax/Speed Post/Courier/e-mail to:

**Prof. Manish Pal (Associate Professor)/Prof. Rajib Saha (Assistant Professor)**

Programme Co-ordinators,

**Civil Engineering Department**

**National Institute of Technology, Agartala**

Tripura (w). Pin -799055,

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