

## REGISTRATION FORM

(Last date for registration extended till 15<sup>th</sup> Decembe<sup>r</sup> 2019)

# MX ROAD Hands-On TRAINING

(2019)

S.V. NATIONAL INSTITUTE OF TECHNOLOGY SURAT  
GUJARAT-395007, INDIA

Name :  
Designation :  
Educational Qualifications :  
Organization :  
Mailing Address :  
Mobile No. :  
Phone :  
E-mail Id. :  
Accommodation Required : Y/N  
Date: :

Signature of Applicant

## ORGANIZING COMMITTEE:

Chairman Prof. S. R. Gandhi  
Vice Chairman Dr. M. Mansoor Ahammed, Professor & Head, CED  
Coordinator Dr. Rakesh Kumar, Professor, CED  
Co-Coordinators Mr. Amit J. Solanki and Dr. Ashish Dhamaniya, CED

## TRAINING CUM WORKSHOP ON MX ROAD SOFTWARE IN HIGHWAY DESIGN

**Workshop Dates: Dec 25 – Dec 29, 2019**

Note: Last date for registration extended till 15<sup>th</sup> Decembe<sup>r</sup> 2019

The Registration Form should be sent to student coordinators.

### Student Coordinators

Ms. Radha Gonawala Ms. Fatima  
Research Scholar, SVNIT Electricwala  
Research Scholar, SVNIT

Mr. Gaurav Raj  
Research Scholar, SVNIT

### Registration Co-Ordinators: -

Jay Patel Dharmendra Yadav  
Research Scholar Office Assistant  
+91- 7359691481 +91-8000084977

For additional entries, please photocopy/ type this form. For any query, please contact to email id: - [mxsvnit@gmail.com](mailto:mxsvnit@gmail.com);

Call for Registration and Participation

## Hands-on Training of MX-Road Software for Geometric Design of Highway

Revised date

25-12-2019 to 29-12-2019

Program Conducted By:-

ORGANIZED BY



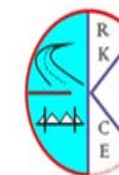
CIVIL ENGINEERING DEPARTMENT  
S.V. NATIONAL INSTITUTE OF TECHNOLOGY  
SURAT

GUJARAT – 395 007, INDIA

Website: [www.svnit.ac.in](http://www.svnit.ac.in)

In Association with

Shri Rajnish Kumar, Senior Consultant  
M/s RKCEPL



## ABOUT SVNIT SURAT:

The institute was initially established as REC in 1961 and was upgraded as a NIT with the status of 'Deemed University' in, 2002. Sardar Vallabhbhai National Institute of Technology (SVNIT) is one of the pioneering engineering institutions of the country, the Institute of National Importance, which has contributed many outstanding engineers in India and abroad. It is conducting seven UG programs, eighteen PG programs, and a Ph.D. program in all disciplines of engineering and applied sciences as well as five years Integrated M.Sc. Programs in Mathematics, Physics, and Chemistry. Special attention is also given to interdisciplinary researches.

## ABOUT THE CIVIL ENGINEERING DEPARTMENT:

The department is one of the pioneering departments of the Institute. The department has highly qualified faculty members engaged in teaching, research and development with the aim of achieving excellence in their fields. Department also offers Postgraduate and Doctoral Programs in the following areas:

1. Transportation Engineering and Planning
2. Environmental Engineering
3. Water Recourses Engineering
4. Town and Regional Planning

## ABOUT MX ROAD

MX Road is an excellent string-based modeling tool that enables the rapid and accurate design of all types of roads. Individuals such as civil engineers, designers, surveyors, system designers can access 3D modeling, construction driven engineering, and other analysis all in one engineering application. MX Road contributes to improving the quality of designs by combining traditional engineering workflow profile and cross sections with 3D modeling technology.

## MX ROAD for Highway Design

Geometric Design is the significant aspect of Highway Design being an important portion of Transportation Engineering. Students from this Civil/Transportation Engineering are expected to be conversant with the latest tools and techniques for achieving a good geometrical design of any road as per the required standard and industry practice

.MX Road is a worldwide accepted platform to meet this challenge as per the industry practice and demand.

## MX ROAD-HD

The program will be conducted by expert person from Industry having over 25 years of experience in highway Design of various highways and Expressways. The theme of this program includes the following topics:

- (1) MX Data Import
- (2) Horizontal Design
- (3) Triangulation Analysis
- (4) Vertical Design
- (5) Evaluation of Earth work
- (6) Working on Highway Project

The proposed training is aimed towards facilitating young engineer a significant support to begin his career in transportation engineering particularly lead his profession as expert in Highway Design and Engineering.

Spot registration will be made only on the availability of seats

### REGISTRATION FEES:

The Registration Fees for different types of delegates are as given below.

Students	: Rs. 5000/- + GST extra
Academicians	: Rs. 7,500/- + GST extra
Others	: Rs. 10,000/- + GST extra

**The payment may be made by local cheque/Cash /Demand Draft drawn in favor of "Director, SVNIT-CCE, Surat" payable at Surat.** Suitably furnished accommodations will be made available, if requested in advance, in the hostels/guest houses of the SVNIT on payment basis for out-stationed candidates. Fooding and lodging for participants are made available on extra payments basis. It is not included in registration fees. Limited seats are available in this Course. The TA and DA will not be applicable to the participants.

### Prerequisites:

Faculty of Engineering College / Institute, Government Engineers, Field engineers, Consultants, Polytechnic faculty

members, research scholars, M. Tech/ ME students/ B.Tech Final year and pre-final year students in the field of civil engineering or relevant, are eligible to participate in this program.

Candidates should be conversant with

- a) Preliminary concepts of Highway Design
- b) Geometric Design
- c) IRC-73
- d) IRC-SP-23
- e) IRC-SP-73-2015/2018

## ABOUT THE WORKSHOP

A Three-day Seminar cum Workshop is planned at SVNIT, Surat. The purpose of the workshop is to bring attendees up to date with the latest information on Geometric Design in Highway using MX Software.MX Road for Highway Design (HD) is one of the accepted and best tools for doing the geometric design of roads and highway.

### TENTATIVE PROGRAM SCHEDULE

	10.00AM - 2.00PM	3.00PM – 7.00PM
<b>Day-1</b>	Theory, Topographical Survey Concepts	MX Data Import
<b>Day-2</b>	Horizontal Design, Triangulation Analysis,	Vertical Design, Evaluation of Earth work
<b>Day-3</b>	Triangulation Analysis	Evaluation of Earth work
<b>Day-4</b>	Working on Project-1	Demonstration and example, Super- elevation Design
<b>Day-5</b>	Working on Project-2	Closing Ceremony