

**A FIRST OF ITS KIND in house opportunity
for all budding civil engineering
undergraduates**



Symbiosis Institute of Technology (SIT)
Department of Civil Engineering presents

Certification Program in

Infrastructure Engineering and Management



Learn four modules to obtain additional certification

To mould students to become active leaders in the infrastructure development and management.

Objective

To prepare students to become effective managers and decision-makers

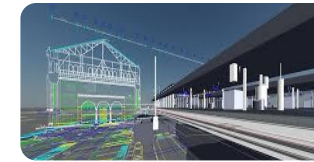
To train professionals to play a leading role in the international construction industry.



Urban Transportation Planning



Introduction to Intelligent Transportation Systems



Training on BIM and on-site training



Smart Pavement Materials

Duration- 6 months
Intake – 20 students

Program begins from February 2019
Hurry!!! Grab this opportunity!

Overview

Need

- ▶ Skilled professionals are required to maintain aging **infrastructure**, integrate new **infrastructure** into existing systems and expand **infrastructure**.
- ▶ The Certification Program in **Infrastructure Engineering and Management** will equip you with the knowledge to address these **important** challenges.
- ▶ The program is developed in response to the growing need for engineers with advanced knowledge of the characteristics and significance of infrastructure, including its technological, economic and social impact.

Course Details

1. DURATION	6 months
2. INTAKE	20
3. Number of Hours	100
4. ELIGIBILITY	Any existing and graduate students of Civil Engineering
5. SELECTION PROCEDURE :	Based on interest of the students
6. MEDIUM OF INSTRUCTIONS:	English
7. PROGRAMME PATTERN :	6 months (week ends) & Mutual understanding of Experts and Students From Feb 2019
8. SUBJECTS & SPECIALIZATION :	Infrastructure Engineering & Management
9. Course FEE STRUCTURE	Rs 25000/-

METHOD OF ASSESSMENT:	All internal courses will have 100% component as internal evaluation at the institute level. All external courses will have 40% internal component and 60% component as external [University] examination. The internal and external will be separate heads of passing.
STANDARD OF PASSING:	The assessment of the student for each examination is done, based on relative performance. Maximum Grade Point (GP) is 10 corresponding to O (Outstanding). For all courses, a student is required to pass both internal and external examination separately with a minimum Grade Point of 4 corresponding to Grade P. Students securing less than 40% absolute marks in each head of passing will be declared FAIL. The University awards a degree to the student who has achieved a minimum CGPA of 4 out of maximum of 10 CGPA for the programme.
AWARD OF Certificate :	After successful completion of all four modules by Symbiosis International University

Course Structure

Course Title	Nature	Teaching Scheme			Practical		Examination Scheme Marks		Total Credits	Total Marks
		L	T	Lab	CA	ESE	CA	ESE		
Urban Transportation Planning	PC	3	-	-	-	-	30	45	3	75
Introduction to Intelligent Transportation Systems	PC	3	-	-	-	-	30	45	3	75
Training on BIM and on-site training	PC	3	-	-	-	-	30	45	3	75
Smart Pavement Materials	PC	1	-	-	-	-	10	15	1	25
Total		10	-	-	-	-	100	150	10	250

Pedagogy

- ▶ Lectures by Industry Experts
- ▶ Hands on with Bentley systems
- ▶ Group discussions
- ▶ Activity based Learning through site visits/case studies



Career opportunities



- ▶ Metros across the country. Especially Mumbai Metro through Campus selection
- ▶ Infrastructural companies like NCC, ITNL, GMR, JMC, L&T, SPCL, etc across the country and Infraking Engineers, V.M Matare, Pavetech, B.G Shirke, J Kumars etc in local may have requirements
- ▶ Helpful for pursuing a masters degree and MBA in infrastructure

For registration

- ▶ Please Contact: **Prof. Humera Khanum**
 - ▶ **Limited seats**
- ▶ Last date of registration: **12th Jan 2019**