

**Faculty Development Program on**  
**PRACTICAL TRAINING ON GEOSYNTHETICS AND SPECIAL CONCRETE**  
**18 - 22 November 2019**

**REGISTRATION FORM**

Name: \_\_\_\_\_ Designation: \_\_\_\_\_

Institution: \_\_\_\_\_

Address for communication: \_\_\_\_\_

Mobile No. : \_\_\_\_\_ Email: \_\_\_\_\_

**Payment Details :** Bank Name : \_\_\_\_\_

Amount : \_\_\_\_\_ DD Number : \_\_\_\_\_

Accommodation Required : Yes / No  
(participants)

Date : \_\_\_\_\_ Signature \_\_\_\_\_

**REGISTRATION FEE : Rs. 750/- per faculty**

Fee payment through Demand Draft in favour of “**CIVIL ENGG ASSOCIATION**” payable at Kattankulathur.

**ACCOMMODATION**

Boarding / Lodging facilities will be provided on request for outstation participants in the hostel.

**ADDRESS FOR COMMUNICATION**

**Dr. G. JANARDHANAN**

Associate Professor & Head (i/c)  
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**Faculty Development Program on**

**PRACTICAL TRAINING ON**  
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**Conveners**

**Dr. SUDHINDRA NATH PANDA**  
Director, NITTTR, Taramani, Chennai

**Dr. K.S. SATYANARAYANAN**  
Professor and Head / Civil, SRM IST

**Coordinators**

**Dr. G. JANARDHANAN**  
Associate Professor & Head (i/c)  
Centre for Environment Management  
NITTTR, Taramani, Chennai

**Dr. P.T. RAVICHANDRAN**, Professor  
**Dr. K. GUNASEKARAN**, Professor  
Department of Civil Engineering, SRM IST

**Organized by**



**NATIONAL INSTITUTE OF TECHNICAL TEACHERS  
TRAINING AND RESEARCH (NITTTR)**  
Taramani, Chennai 600113, Tamilnadu  
[MINISTRY OF HUMAN RESOURCE DEVELOPMENT,  
GOVT. OF INDIA]



**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**  
Department of Civil Engineering  
Faculty of Engineering and Technology  
SRM Nagar, Kattankulathur - 603 203  
Kancheepuram Dist. (TN)

**In support with**





## ABOUT NITTTR CHENNAI

The National Institute of Technical Teachers Training and Research (NITTTR) Chennai was established as an autonomous institute by the Ministry of Human Resource Development, Government of India in the year 1964 to improve the quality of Technical and Vocational Education and Training (TVET) system in India and in the southern region in particular. Within this mandate, the institute takes initiatives to offer need based Human Resource Development programmes through appropriate modes and develop curricula and instructional resources. It also fosters research in the inter disciplinary area of Engineering Education and offers consultancy and extension services for the total development of technical institutions, industries, government agencies, service sector and the community at large.

In carrying out the above mandate, the institute collaborates with National and International Institutes, Universities and other agencies interested in and / or deriving benefits from technical education and training.

## ABOUT SRMIST

Sri Ramasamy Memorial Engineering College (SRMEC) was started in the academic year 1985-86 at Kattankulathur, Kancheepuram District, Tamil Nadu, and India. After being accorded the deemed to be university status in the year 2002, SRM Institute of Science and Technology (formerly known as SRM University) has made rapid strides in the field of education and has now become a multi stream university with six Faculties – Engineering & Technology, Science & Humanities, Medicine & Health Sciences, Management, Law and Agricultural Sciences. SRMIST is one of the top ranking institutions in India functioning in four campuses located at Kattankulathur, Vadapalani and Ramapuram in Tamil Nadu besides a fourth campus at Modi Nagar, Ghaziabad, with over 52,000 students and 3200 faculty, offering a wide range of Undergraduate, Postgraduate and Doctoral programs. SRM IST has been accredited with the highest grade of A++ (A double plus) by NAAC. MHRD has ranked SRMIST third among private institutes under ARIIA ranking (2019). UI Green metrics has ranked SRMIST at 392 globally for the green initiatives espoused by it. World renowned ranking agency QS has rated SRMIST as a '4 Star' institute with '5 Star' ratings in Teaching, Employability and Inclusiveness. QS-Igauge has given 'Diamond' status to SRM IST. UGC / MHRD has granted autonomy to SRM IST by categorizing it a 'Category I institute. MHRD has placed SRM IST under Category A. SRM IST has been ranked within the top 50 consistently by NIRF and its position is 31 in NIRF-2019. SRM IST also regularly figures in the ranking list of world renowned global ranking agencies like QS (UK) and Times Higher Education – THE (UK). In addition to institutional accreditation, 5 undergraduate engineering programs of Kattankulathur campus have been accredited by different commissions of ABET (USA) ([www.abet.org](http://www.abet.org)) and IET (UK) has accredited four other programs. This institution hosted the 98th Indian Science Congress in 2011 where distinguished delegates including six Nobel Laureates and other celebrated scientists, academicians and philosophers participated and delivered their thoughts. The launching of SRMSAT satellite in collaboration with ISRO was another milestone. SRM Group has also established State Private Universities in the States of Haryana, Sikkim and Andhra Pradesh in India.

## ABOUT THE CIVIL DEPARTMENT

The Department of Civil Engineering has been in existence since 1985. The academic programmes are B.Tech. Civil Engineering, M.Tech. in Structural Engineering, Construction Engineering and Management, Geotechnical Engineering, Remote Sensing & Geographic

Information System, and Environmental Engineering and Ph.D. in Civil Engineering. Well qualified and experienced faculty members form the nucleus of the department. They are specialized in structural, geotechnical, environmental, water resources, transportation, surveying and construction engineering & management and remote sensing and GIS. The labs are well equipped with state of the art equipment. The department holds membership in CIDC (Construction Industry Development Council), INSDAG (Institute of Steel Development and Growth) and CMS (Construction Management Society). A student chapter has been established for Indian Concrete Institute. Experts from industry are regularly invited to deliver lectures and to interact with students and faculty members. B.Tech Civil Engineering program of Kattankulathur campus has been accredited by the Engineering Accreditation Commission (EAC) of ABET, ([www.abet.org](http://www.abet.org)).

## ABOUT THE PROGRAM

Materials testing is the specialized area of Civil Engineering that deals with the properties and science of materials, specifically construction materials which include Geo and Structural materials. The materials engineering laboratory deals primarily with testing, evaluating, and monitoring materials and processes used in construction. This program aims to provide the platform for the faculty members of Civil Engineering with respect to different testing methods on Ground Improvement Techniques and Special Concretes and their instrumentation, equipment etc.

Hands on training on Geosynthetics and Special Concrete are also the need of the hour for the faculty members to upgrade their practical knowledge. This program will serve as a stepping stone for the faculty members to enhance their potential by having hands on experience to be imparted during the course of the program. This skill development program is proposed to be organized in association with NITTTR Taramani, Chennai.

## OBJECTIVE

This program aims to develop and upgrade the Teaching Learning Potential of the faculty members on the recent techniques and experimental studies on Ground Improvement Techniques and Special Concretes using advanced equipment and instruments. This will open the way for new research being carried out using state of the art techniques. The program provides hands on training on determination of Soil Strength characteristics, Geo Synthetic properties and on Special Concretes using M-sand and coconut shell aggregates. As an outcome, the participants will be empowered to carry out cutting edge research leading to practical application and resulting in improvements in materials, systems and processes related to civil engineering thus matching the best globally.

## ELIGIBILITY & REGISTRATION FEE

Faculty members working in Polytechnics and Engineering Colleges in the Field of Civil Engineering.

## FACULTY CONNECT

<b>Dr. Divya Krishnan K</b> Assistant Professor	<b>Mr. S. Prakash Chandar</b> Assistant Professor	<b>Ms. C. Pavithra</b> Assistant Professor	<b>Ms. D. Jaishree</b> Assistant Professor
<b>Mr. S. Dhanasekar</b> Assistant Professor	<b>Mr. A. Manimaran</b> Assistant Professor	<b>Mr. S. Srinivasa Senthil</b> Teaching Assistant	