

Registration Form

RASE-2019

November 18th-22nd, 2019



Name : _____
Qualifications : _____
Organization : _____
Designation : _____
Email Address : _____
Mobile No. : _____
Office Phone No. : _____

Signature of Applicant: _____

Certificate

This is to certify that _____
is an employee of our institute and is permitted to
attend the five-days' faculty development
program on "Recent Advances in Structural
Engineering-(RASE)" to be held at SVNIT, Surat
during November 18th-22nd, 2019.

Signature of authority with official seal

Note: This registration form should be attached during
online registration.  [Registration Link:](#) 

Contact Persons

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All the communication related to RASE-19 should
be made on this Email: rase.atal.svnit@gmail.com

Faculty Development Program (AICTE ATAL)

on

Recent Advances in Structural Engineering (RASE)

November 18th-22nd, 2019

Coordinator

Dr. Anant Parghi, P.Eng., C.Eng.

(PhD-UBC, PDF-UofM, Canada)

Sponsored By



AICTE Training and Learning (ATAL)

Organized By



**Department of Applied Mechanics
S.V. National Institute of Technology
Surat – 395 007 (Gujarat)
www.svnit.ac.in**

About Department of Applied Mechanics

The Department of Applied Mechanics came into existence in the year of 1961. The department offer the services in the fields of Structural Engineering and Geotechnical Engineering. The department has 14 highly qualified and dedicated faculty members with the specialization in structural and geotechnical engineering. The department is involved in various UG and two PG programs (Structural Engineering and, Soil Mechanics & Foundation Engineering) and research programs leading to Ph.D. degree. The department has been a pioneer and leader to carry out testing and consultancy works in the fields of structural engineering and geotechnical engineering.

About SVNIT

This Institute was established in 1961 by the Parliament of India as Sardar Vallabhbhai Regional College of Engineering & Technology (SVRCET), Surat to Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat with status of "Deemed University" with effect from 4th December 2002. The Institute has been granted the status of 'Institute of National Importance' w.e.f. Aug. 15, 2007 by the Parliament of India.

In 1961, SVRCET was imparting technical education in Civil, Mechanical and Electrical Engineering. In the year of 1983-84, the Under Graduate (UG) program in Electronics Engineering was introduced and in the year of 1988-89, the UG program in Computer Engineering and Production Engineering was started. In the year of 1995-96, UG program in Chemical Engineering was introduced. At present, the Institute is offering Six UG Programs, Eighteen Postgraduate (PG) Programs and Three Five Years Integrated Master of Science (M.Sc.) Program in Chemistry, Physics and Mathematics, including doctoral programme in all these disciplines.

About the Art

In recent years with sharp increase in rapid development of infrastructures e.g. high-rise structures with a greater number of basements, bridges for metro projects, fly over for roadways, BRTS etc. In metro cities made us aware of optimum usage of land and compelled the engineers to apply advanced solutions in the context of analysis and design, application of earthquake and wind load on structures, ground improvement, and earth retaining structures etc. An optimized design solution can only be possible with in-depth knowledge of various advanced techniques and use of proper judgment. Also introduced the composite material such as GFRP bar manufacturers, and researchers to exchange up-to-date knowledge on the use of GFRP bars in concrete structures (bridges, buildings, and marine structures) including challenges and opportunities. The aim of the short-term course would be to familiarize the participants with the concepts of analysis, design and construction, for variety of structures. Basics that are essential to understand in the process to provide a sustainable design. The course focus will be

- The use of advanced composite material
- The use of smart materials in the infrastructures
- Use of soft computing techniques and the systems methodology in practice
- Displacement based design of structures
- Dynamic of structures
- Earthquake resistance design of structures
- Office practice in structural engineering
- Durability of reinforced concrete structures
- Field practise in structural engineering
- Sustainable infrastructure in India
- Advances in steel structures
- Disaster management
- Design of beam-column junction using headed bars

A test will be conducted at the end of the program. The certificate will be issued to those participants who have attended the program without any absenteeism and scored minimum 60% marks in the test.

Important Dates

Last Date of Registration: October 31st, 2019

The complete registration form should be sent in a hard or soft copy. It must contain the signature and seal of Head of the Institution.

For early registration, the advance copy of registration form can also be sent to this email: rase.atal.svnit@gmail.com as an attachment.

Spot registration may also be permitted in case of vacancies.

Eligibility

Faculty members/ research scholars/ PG scholar from academic institutes approved by the AICTE/ UGC/ MHRD working in Private/ Public/ Government organizations can attend the course.

Registration Fee

Free of cost

Accommodation

The breakfast and working lunch will be provided free of cost during the course. The participate has to manage their dinner and accommodation in guesthouse/hostel by his own cost during the course.

About Surat City

Surat city is situated on the bank of river Tapi, and high-ranking industrial city of the country with a strong network of roads & flyovers. It is well known worldwide for textiles, zari & diamond industries. Several large-scale industries and establishment are located in the vicinity of the city. The city is situated on the main western railway route between Vadodara and Mumbai. The institute is located at a distance of about 10 Km from Surat railway station.