

## Registration Form

# RMTW-2019

## September 16<sup>th</sup>-20<sup>th</sup>, 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 "Research Methodology and  
Technical Writing-(RMTW)" to be held at  
SVNIT, Surat during September 16<sup>th</sup>-20<sup>th</sup>, 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 RMTW-19 should  
be made on this Email: [rmtw.atal.svnit@gmail.com](mailto:rmtw.atal.svnit@gmail.com)

## Faculty Development Program

(AICTE ATAL)

on

# Research Methodology and Technical Writing (RMTW)

## September 16<sup>th</sup>-20<sup>th</sup>, 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 & 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 & two PG programs (Structural Engineering & Soil Mechanics and 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 4<sup>th</sup> 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

Research method is a systematic plan and organisation of the data conducting research. Engineering research includes qualitative and quantitative research methods of physical and numerical experiments, survey, observation and collection of data. Quantitative methods aim to classify features, count them, and create statistical model through optimization to test hypothesis and explain the observation. Qualitative methods aim to complete, detail description of observations, including events and different circumstances.

Present day, technical communication is utmost important in order to write the technical and academic journal and conference papers, research proposal and consulting reports etc. This course will be based on the research methods, technical writing and the data analysis. Following topics will be discussed in the course:

- Introduction to research
- Ethical and copyright issues (plagiarism) in research
- Concept mapping and formulation of research problem
- Types of research definition of research problem
- Introduction to qualitative and quantitative research
- Research methodology in engineering
- Research presentation and proposal writing
- Writing of research report, consultancy reports
- Writing of academic journal and conference papers
- Referencing in report writing using Mendeley Software
- Primary data collection (tools & techniques)
- Analysis of variance (ANOVA)
- Regression analysis / time series analysis
- Understanding of research concepts & methodology
- Interpretation of analysis results, and publishing report

**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: September 8<sup>th</sup>, 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: [rmtw.atal.svnit@gmail.com](mailto:rmtw.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.