

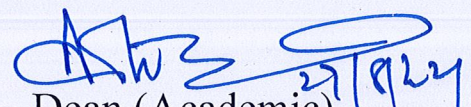


**S.V. NATIONAL INSTITUTE OF TECHNOLOGY SURAT-395007.**  
**Office of Dean (Academics)**

Date: 27/08/2021

**Online Registration procedure for 1<sup>st</sup> Year M. Tech. students  
admitted in Autumn (Odd) Semester of Academic Year 2021-22**

1. Please download and fill the form attached with ANNEXURE-1.
2. The list of core courses is available with the curriculum page of the respective Department website.
3. List of electives and details of PG in-charges are available at ANNEXURE-2.
4. Scan duly signed completely filled form (Annexure-1). Send the same along with a copy of Provisional Admission Letter (PAL) to the respective PG In-charges by e-mail on or before **31<sup>th</sup> August 2021**.
5. The roll list and Institute e-mail id of the students will be generated after submission of the forms to the academic section by respective PG in-charges.
6. The online fee payment portal will be open in MIS from **1<sup>th</sup> September 2021 to 14<sup>th</sup> September 2021** for fee payment by **M. Tech. (Sponsored)** candidates only.
7. The roll list and e-mail id of the student will be uploaded at the Institute website on or before **5<sup>th</sup> September 2021**.
8. The admission will be considered as provisional. The admission will be confirmed only after successful completion of document verifications at the time of physical reporting. The dates for the physical reporting will be notified at the Institute website.
9. The fee paid to the CCMT does not include the hostel fee. The hostel fee structure is available at the institute website [www.svnit.ac.in](http://www.svnit.ac.in).
10. The online classes will be starting from 6<sup>th</sup> September 2021.
11. Visit the Student's Notice Section on the Institute website for the time table.
12. It is informed to visit the Institute website regularly for updates.

  
Dean (Academic)



**POST GRADUATE STUDIES**  
**COURSE REGISTRATION CARD**

Name of Student:

Degree: M.Tech.

Roll No. :

Discipline :

Year :

Specialization :

Semester :

Fee Receipt No.:  
& Date

Course No.	Course Name	Credits	Remarks

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

Signature of Student : \_\_\_\_\_

Hostel No. : \_\_\_\_\_

Signature of Adviser : \_\_\_\_\_

Copy for : Student / Concern Dept./ Faculty Advisor/ Academic Section

Note : Final Registration will be subjected to payment of all dues and fees.





S.V. NATIONAL INSTITUTE OF TECHNOLOGY SURAT - 395007.

**List of Elective offered by department for 1<sup>st</sup> year M. Tech. Students  
Admitted in Autumn (Odd) Semester of Academic Year 2021-22**

**Department of Chemical Engineering**

Sr. No.	Course Title	Course Code
<b>Chemical Engineering</b>		
<b>Elective - 1</b>		
1.	Nanotechnology	CH660
2.	Polymer Engineering	CH710
<b>Elective - 2</b>		
1.	Process Intensification	CH730
2.	Non-conventional Energy	CH630
<b>PG In-charge</b>	Dr. G. C. Jadeja	<b>Mail ID</b> jgc@ched.svnit.ac.in



## Department of Civil Engineering

Sr. No.	Course Title	Course Code
<b>M. Tech. (Environmental Engineering)</b>		
1.	Environmental Ethics, Law and Policy	CE - 615
2.	Sustainable Waste Management Systems	CE - 619
<b>PG In-charge</b>	Dr. K. D. Yadav	<b>Mail ID</b> kdy@ced.svnit.ac.in
<b>M. Tech. (Soil Mechanics &amp; Foundation Engineering)</b>		
1.	Measurement Techniques in Geotechnical Engineering	AM - 637
2.	Computer Application in Geotechnical Engineering	AM - 639
3.	Geo-synthetics and Reinforced Soil Structures	AM - 641
<b>PG In-charge</b>	Dr. Shailendra Kumar	<b>Mail ID</b> skumar@amd.svnit.ac.in
<b>M. Tech. (Water Resources Engineering)</b>		
1.	Irrigation and Drainage Systems Engineering	CE - 671
2.	Flood Control and River Training Works	CE - 669
3.	Basics of Climate Change Studies	CE - 681
<b>PG In-charge</b>	Dr. G.D. Kale	<b>Mail ID</b> gdk@ced.svnit.ac.in



<b>M. Tech. (Transportation Engineering &amp; Planning)</b>			
1.	Airport Planning and Design	CE - 707	
2.	Intelligent Transport System	CE - 709	
3.	Soft Computing Techniques	CE-871	
<b>PG In-charge</b>		Shri. A. J. Solanki	<b>Mail ID</b> ajs@ced.svnit.ac.in
<b>M. Tech. (Urban Planning)</b>			
1.	Geospatial Techniques	CE - 645	
2.	Urban Land Management	CE - 641	
3.	Soft Computing Techniques	CE - 871	
<b>PG In-charge</b>		Dr. R. M. Tailor	<b>Mail ID</b> ravin@ced.svnit.ac.in
<b>M. Tech. (Construction Technology Management)</b>			
1.	Formwork for Structure	CE - 724	
2.	Low Cost Construction	CE - 726	
3.	Maintenance and Rehabilitation	CE - 736	
4.	Research Analytical Methods	CE – 691	
5.	Soft Computing Techniques	CE-871	
<b>PG In-charge</b>		Dr. D. A. Patel	<b>Mail ID</b> dap@ced.svnit.ac.in
<b>M. Tech. (Structural Engineering)</b>			
1.	Advanced Design of Steel Structures	AM – 609	
2.	Rehabilitation of concrete structures	AM – 613	
<b>PG In-charge</b>		Dr. S. R. Suryawanshi	<b>Mail ID</b> ssr@amd.svnit.ac.in



## **Department of Computer Science and Engineering**

<b>Sr. No.</b>	<b>Course Title</b>	<b>Course Code</b>
<b>M.Tech. (Computer Engineering)</b>		
1.	Computer Vision and Image Processing	CO611
2.	Artificial Intelligence	CO613
3.	Advanced Database Management System	CO619
<b>PG In-charge</b>	Shri R. P. Gohil	<b>Mail ID</b> rpg@coed.svnit.ac.in

**Note:** Only two elective subjects will be offered out of three. Minimum **6 students** are required for an elective subject.



## Department of Electrical Engineering

Sr. No.	Course Title	Course Code
<b>M.Tech. (Power Electronics and Electrical Drives)</b>		
1.	Power Quality Issues And Management	EL613
2.	Micro-Controller Based System Design	EL617
<b>PG In-charge</b>	Dr. Rakesh Maurya	<b>Mail ID</b> rmaurya@eed.svnit.ac.in
<b>M.Tech. (Power Systems)</b>		
1.	Micro-Controller Based System Design	EL629
2.	Digital Signal Processing	EL631
<b>PG In-charge</b>	Dr. V. Mahajan	<b>Mail ID</b> vmahajan@eed.svnit.ac.in
<b>M.Tech. (Instrumentation and control)</b>		
1.	Digital Signal Processing	ELIC1E01
2.	Optimal and Adaptive Control	ELIC1E04
<b>PG In-charge</b>	Dr. H. G. Patel	<b>Mail ID</b> hgp@eed.svnit.ac.in



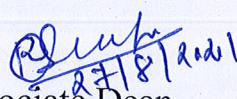
## Department of Electronics Engineering

Sr. No.	Course Title	Course Code
<b>M.Tech. (Communication Systems)</b>		
1.	Information Theory & Coding	EC619
2.	Probability and Random Processes	EC629
3.	Digital Satellite Communication	EC621
4.	Digital VLSI Design	EC609
5.	Embedded Systems	EC613
<b>PG In-charge</b>	Dr. Jigisha N. Patel	<b>Mail ID</b> jnpatel@eced.svnit.ac.in
<b>M.Tech. (VLSI &amp; Embedded System)</b>		
1.	Information Theory & Coding	EC619
2.	RF Circuits & Systems	EC601
3.	Advanced Digital Signal Processing	EC605
<b>PG In-charge</b>	Dr. P.J. Engineer	<b>Mail ID</b> pje@eced.svnit.ac.in



## Department of Mechanical Engineering

Sr. No.	Course Title	Course Code
<b>M.Tech. (Mechanical Engineering)</b>		
1.	Production Planning and Control	ME651
2.	Industrial Refrigeration	ME647
<b>PG In-charge</b>	Dr. P.V. Bhale	<b>Mail ID</b> pvbhale@med.svnit.ac.in
<b>M.Tech. (Turbomachines)</b>		
1.	Gas Turbine Cycle & Jet Propulsion	ME611
2.	Energy & Exergy Analysis	ME609
<b>PG In-charge</b>	Dr. Bade Mukund	<b>Mail ID</b> bmh@med.svnit.ac.in
<b>M.Tech. (Thermal System Design)</b>		
1.	Analysis & Design of IC Engine	ME731
<b>PG In-charge</b>	Dr. H. B. Mehta	<b>Mail ID</b> hbm@med.svnit.ac.in
<b>M.Tech. (CAD/CAM)</b>		
1.	Industrial Robotics	ME770
<b>PG In-charge</b>	Dr. D.I. Lalwani	<b>Mail ID</b> dil@med.svnit.ac.in
<b>M.Tech. (Manufacturing Engineering)</b>		
1.	Rapid Prototyping & Tooling	ME771
2.	Advanced Manufacturing Systems	ME625
<b>PG In-charge</b>	Dr. H.K. Dave	<b>Mail ID</b> hkd@med.svnit.ac.in

  
 Associate Dean  
 (Academic)