



**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT**

**MINUTES OF THE 54<sup>th</sup> MEETING OF THE SENATE**

The 54<sup>th</sup> meeting of the Senate was held on June 08, 2022, at 03:30 pm onwards in the Conference room of the Institute. The following members were present:

- |  |                               |
|--|-------------------------------|
| (1) Dr. R. Venkata Rao, Professor & Director, SVNIT, Surat           | : Chairman                    |
| (2) Dr. P.L. Patel, Professor & Deputy Director, SVNIT, Surat        | : Member                      |
| (3) Dr. Chebrolu Pulla Rao, Professor, DoC, IIT Tirupati, Tirupati   | : External Member<br>(online) |
| (4) Dr. G. Bhuvaneshwari, Professor, DoEE, IIT Delhi                 | : External Member<br>(online) |
| (5) Dr. S.N. Sharma, Prof. & Dean (Academic), SVNIT, Surat           | : Member                      |
| (6) Dr. C. D. Modhera, Prof. & Dean, (Faculty Welfare), SVNIT, Surat | : Member                      |
| (7) Dr. D.C. Jinwala, Prof. & Dean (R&C), SVNIT, Surat               | : Member                      |
| (8) Dr. G.J. Joshi, Prof. & Head, DoCE, SVNIT, Surat                 | : Member                      |
| (9) Dr. A.K. Panchal, Prof. & Head, DoEE, SVNIT, Surat               | : Member                      |
| (10) Dr. Jyotirmay Banerjee, Prof. & Head, DoME, SVNIT, Surat        | : Member                      |
| (11) Dr. J. N. Patel, Professor, DoCE, SVNIT, Surat                  | : Member                      |
| (12) Dr. S. A. Vasanwala, Professor, DoCE, SVNIT, Surat              | : Member                      |
| (13) Dr. A. K. Desai, Professor, DoCE, SVNIT, Surat                  | : Member                      |
| (14) Dr. C. H. Solanki, Professor, DoCE, SVNIT, Surat                | : Member                      |
| (15) Dr. S. M. Yadav, Professor, DoCE, SVNIT, Surat                  | : Member                      |
| (16) Dr. M. Mansoor Ahmmed, Professor, DoCE, SVNIT, Surat            | : Member                      |
| (17) Dr. R. A. Christian, Professor DoCE, SVNIT, Surat               | : Member                      |
| (18) Dr. Rakesh Kumar, Professor, DoCE, SVNIT, Surat                 | : Member                      |
| (19) Dr. Z. V. P. Murthy, Professor, DoChE, SVNIT, Surat             | : Member                      |
| (20) Dr. P. A. Parikh, Professor, DoChE, SVNIT, Surat                | : Member                      |
| (21) Dr. J. K. Parikh, Professor, DoChE, SVNIT, Surat                | : Member                      |
| (22) Dr. M. A. Zaveri, Professor, DoCSE, SVNIT, Surat                | : Member                      |
| (23) Dr. U. D. Dalal, Professor, DoECE, SVNIT, Surat                 | : Member                      |
| (24) Dr. R. Chudamani, Professor, DoEE, SVNIT, Surat                 | : Member                      |
| (25) Dr. V. A. Shah, Professor, DoEE, SVNIT, Surat                   | : Member                      |
| (26) Dr. K. P. Desai, Professor, DoME, SVNIT, Surat                  | : Member                      |
| (27) Dr. T. N. Desai, Professor, DoME, SVNIT, Surat                  | : Member                      |
| (28) Dr. A. K. Shukla, Professor, DoMH, SVNIT, Surat                 | : Member                      |
| (29) Dr. V. H. Pradhan, Professor, DoMH, SVNIT, Surat                | : Member                      |
| (30) Dr. Neeru Adlakha, Professor, DoMH, SVNIT, Surat                | : Member                      |
| (31) Dr. K. N. Pathak, Professor, DoP, SVNIT, Surat                  | : Member                      |

*Gnanu*  
13/6/2022

*R. Rao*  
13-06-22

(32)	Dr. P. V. Timbadiya, Dean (A&RG), SVNIT, Surat	: Invitee
(33)	Dr. Ravi Kant, Dean (Students' Welfare), SVNIT, Surat	: Invitee
(34)	Dr. M. A. Desai, Asso. Prof. & Head, DoChE, SVNIT, Surat	: Invitee
(35)	Dr. Rupa. G. Mehta, Asso. Prof. & Head, DoCSE, SVNIT, Surat	: Invitee
(36)	Dr. P. N. Patel, Asso. Prof. & Head, DoECE, SVNIT, Surat	: Invitee
(37)	Dr. J.M. Dhodiya, Asso. Prof. & Head, DoMH, SVNIT, Surat	: Invitee
(38)	Dr. S. K. Sahoo, Asso. Prof. & I/C Head, DoC, SVNIT, Surat	: Invitee
(39)	Dr. Dimple. V. Shah, Asso. Prof. & Head, DoP, SVNIT, Surat	: Invitee
(40)	Dr. Pramod Mathur, Registrar, SVNIT, Surat	: Secretary

The leave of absence of the following members was noted:

(1)	Dr. Gajendra Kumar Adil, Professor, SJMSM, IIT Bombay, Mumbai	: External Member
(2)	Dr. V. L. Manekar, Prof. & Dean (P&D), SVNIT, Surat	: Member
(3)	Dr. P. G. Agnihotri, Professor, DoCE, SVNIT, Surat	: Member
(4)	Dr. K. A. Chauhan, Professor, DoCE, SVNIT, Surat	: Member
(5)	Dr. M. Chakraborty, Professor, DoChE, SVNIT, Surat	: Member
(6)	Dr. M. Mukhopadhyay, Professor, DoChE, SVNIT, Surat	: Member
(7)	Dr. D.R. Patel, Professor, DoCSE, SVNIT, Surat	: Member
(8)	Dr. J. N. Sarvaiya, Professor, DoECE, SVNIT, Surat	: Member
(9)	Dr. Anandita Chowdhury, Professor, DoEE, SVNIT, Surat	: Member
(10)	Dr. H. K. Raval, Professor, DoME, SVNIT, Surat	: Member
(11)	Dr. D.P. Vakharia, Professor, DoME, SVNIT, Surat	: Member
(12)	Dr. A. A. Shaikh, Professor, DoME, SVNIT, Surat	: Member
(13)	Dr. Shailendra Kumar, Professor, DoME, SVNIT, Surat	: Member
(14)	Dr. Smita Jauhari, Professor, DoC, SVNIT, Surat	: Member

At the outset, the Chairman warmly welcomed all the Members present in the meeting especially the external members, Prof. C. P. Rao, Department of Chemistry (IIT Tirupati) and Prof. G. Bhuvaneshwari, Department of Electrical Engineering (IIT Delhi). Thereafter, the Dean (Academic) was requested to proceed with the agenda items.

#### **Items and resolutions**

<b>Item1</b>	<b>To confirm the minutes of the 53<sup>rd</sup> meeting of the Senate held on 31<sup>st</sup> January, 2022. Annexure – 1</b>
Res. 1	Confirmed.
<b>Item2</b>	<b>To note and approve the actions taken on the resolutions adopted in the 53<sup>rd</sup> meeting of the Senate held on 31<sup>st</sup> January, 2022. Annexure – 2</b>
Res. 2	The 'Actions Taken Report (ATR)' was presented by the Dean (Academic). The House noted and approved the actions taken on the minutes of 53 <sup>rd</sup> meeting of the Senate.

*Ganesh*  
13/6/2022

*R. Rao*  
13-06-22

Item 3	<p>To consider and adopt resolutions about the 'recommendations' made in the 54<sup>th</sup> meeting of the Institute Academic Advisory Committee (IAAC) held on 16<sup>th</sup> February, 2022. Annexure - 3</p> <p>Link: <a href="https://www.svnit.ac.in/Data/minutes/iaac/54th%20IAAC%20Minutes%2016-02-2022.pdf">https://www.svnit.ac.in/Data/minutes/iaac/54th%20IAAC%20Minutes%2016-02-2022.pdf</a></p>	
Res. 3	Approved.	
Item 4	<p>To consider and adopt resolutions about the 'recommendations' made in the 55<sup>th</sup> meeting of the Institute Academic Advisory Committee (IAAC) held on 25<sup>th</sup> April, 2022.</p> <p>Link: <a href="https://www.svnit.ac.in/Data/minutes/iaac/The%20minutes%20of%20the%2055th%20meeting%20of%20the%20IAAC.pdf">https://www.svnit.ac.in/Data/minutes/iaac/The%20minutes%20of%20the%2055th%20meeting%20of%20the%20IAAC.pdf</a></p>	
	(1)	<p>To consider the Academic Calendar for the Academic Year 2022-23.</p> <p>It was resolved to adopt the Academic Calendar for the AY 2022-23, the Saturday teaching schedule for the second semester of B.Tech. and M.Sc. programmes of the Academic Year 2021-22 and the Saturday teaching schedule for the third semester of B.Tech. and M.Sc. programmes of the AY 2022-23. The Academic Calendar and Saturday teaching schedules are given in <b>Annexures 4-6</b>.</p>
	(2)	<p>To approve the revised curricula of the B.Tech. programmes of the Institute that include a one-semester Internship Industrial training.</p> <p>The revised curricula cover the rearrangements in the Courses, including the Courses of the Minor Degree programmes (Annexure 7 of the 55<sup>th</sup> meeting of the IAAC). The presentations on the revised curricula of the Academic Departments were made in the IAAC. Further, it was decided for the adoption of the revision in the curricula of the B.Tech. programmes of the Institute, including a one-semester Internship Industrial Training and the Courses of the minor Degree programmes. In addition to the above, the following were resolved. (i) the L-T-P combinations for the Courses 'Professional Ethics, Economics and Business Management' and 'Innovation, Incubation and Entrepreneurship' are 3-1-0 and 3-0-0 respectively. (ii) The first Course (Professional Ethics, Economics and Business Management) would be a Course of the fifth Semester of the B.Tech. programmes. The second Course 'Innovation, Incubation and Entrepreneurship' would be a Course of the sixth Semester of the B. Tech. programmes.</p>
	(3)	<p>Regarding the applicability of awarding 'XX' grades for the Spring Semester of the Academic Year 2021-22.</p> <p>The 'XX' grade mentioned in the Academic Calendar for the AY 2021-22' is not applicable because of the COVID- 19 situation during the Academic Year. Reference: Academic Calendar for the AY 2021-22.</p> <p><a href="https://svnit.ac.in/qlinks/Academic%20calendar%202021-22.pdf">https://svnit.ac.in/qlinks/Academic%20calendar%202021-22.pdf</a></p>
	(4)	<p>To consider the mode of the supplementary examination of the first Semesters of B.Tech. and M.Sc. programmes of the Academic Year 2021-22.</p> <p>It was resolved to adopt the offline mode for the aforesaid Semesters.</p>

*Pranav*  
13/6/22

*Ru Rao*  
13.06.22

	(5)	Regarding the academic-specific DAAC items and their resolutions from the DAAC minutes and then proposing the scrutinized items for the IAAC agenda. It was decided to submit separately 'the detailed academic-specific items and their resolutions chosen from the DAAC minutes' to the Academic Section by the Academic Departments to prepare the IAAC agenda.
Res. 4		<p>Subitems (1)-(5) were discussed and approved.</p> <p>The Senate finalized the subject code of the Courses mentioned in subitem (2) as well. (i) The subject code for <i>Professional Ethics, Economics and Business Management</i>, i.e. a core course of the <i>fifth</i> Semester (third year) B. Tech. programmes, is HU301. The L-T-P combination of the Course is 3-1-0.</p> <p>(ii) The code HU302 was assigned for the Course <i>Innovation, Incubation and Entrepreneurship</i> (a core Course with the LTP combination 3-0-0) of the B Tech. <i>sixth</i> Semester (third year) programmes. The code for the same Course (Innovation, Incubation and Entrepreneurship) chosen by the Department (s) as an 'elective' Course of the B Tech sixth Semester (third year) programmes is HU322.</p>
Item 5		<p><b>To consider and adopt resolutions about the 'recommendations' made in the 56<sup>th</sup> meeting of the Institute Academic Advisory Committee (IAAC) held on 19<sup>th</sup> May, 2022.</b></p> <p><b>Link:</b> <a href="https://www.svnit.ac.in/Data/minutes/iaac/The%2056th%20meeting%20%20minutes%20of%20the%20IAAC.pdf">https://www.svnit.ac.in/Data/minutes/iaac/The%2056th%20meeting%20%20minutes%20of%20the%20IAAC.pdf</a></p>
	(1)	To approve the PhD category conversion, from the FPS to the FIR of PhD student Behera Rashmita Simanchala (DS19CH001) of Department of Chemical Engineering following the recommendation of the IAAC.
	(2)	To approve the PhD category conversion from the FSF to the FPS of PhD student Ms. Kinjal Rokad (DS21CH001). The category conversion request of the PhD student was recommended by giving considerations to the funding received from external sponsoring agency.
	(3)	To approve an addition of a Co-Supervisor, i.e. Dr. Banti A. Gedam (Scientist, CSIR-Central Building Research Institute, Roorkee), for the PhD thesis Supervision of Ananda Mitra (D20CE030). Currently, the PhD student is being supervised by Dr. S.R. Suryawanshi, Associate Professor (Department of Civil Engineering) and later it would be jointly supervised.
	(4)	To approve an addition of an <i>Administrative Supervisor</i> , i.e. Dr. A.K. Desai (Professor, Department of Civil Engineering), for the PhD thesis Supervision of Ph.D. Student Arpit Parikh (D17AM012). Professor S.R. Gandhi would be the external Supervisor. The IAAC resolved to consider the administrative supervisory role of Professor A. K. Desai.
	(5)	Regarding the new subject <i>Nonlinear Analysis of Frame Buildings</i> to M.Tech. (Structural Engineering) syllabus as an elective subject (Department of Civil Engineering). The recommendation is requested to approve it.

*Mahar*  
13/6/2022

*R. Rao*  
13-06-22

(6)	To approve the PhD category conversion from the FIR to PEC of the three Students of Department of Civil Engineering (Ankur J. Shah (D17AM003), Nishant Sourabh (DS16CE002) and Kaushikkumar P. Sheladiya (D20CE009)). The category conversion requests were recommended in the IAAC.
(7)	To approve the PhD category conversion from the FIR to the FPS of PhD student Mukul Anand (D21CE015) of Department of Civil Engineering. This was discussed and recommended by giving considerations to funding received from the external sponsoring agency. The IAAC further resolved that the 'future' category conversion request (FIR and FSF categories to FRS and FPS categories) would be decided upon the satisfaction of the Senate Chairman and if it is required, then it would be discussed in the IAAC meeting.
(8)	To approve the PhD category conversion from the FPS to FIR of the three Students of (Department of Civil Engineering) (Shubhan M. Jibhakate (D18CE003), Lalit Kumar Gehlot (D18CE002) and Kalpesh B. Baladaniya (D20CE012)). This was discussed and recommended for the category conversion. It was resolved that the maximum total time duration of their (three Students of sub item 8) scholarships is 'five years', including the durations of the both categories.
(9)	To approve the category conversion from the FIR to the PEC of PhD student Tejashkumar K. Patel (D16AM002) of Department of Civil Engineering.
(10)	To approve the recommendation of the IAAC for the addition of a Co-Supervisor, i.e. Dr. B.Z. Dholakia (Department of Chemistry, SVNIT), for the joint PhD thesis supervision of Pranat Jain (DS20CE008). Currently, the PhD student is being supervised by Dr. K.D. Yadav (Department of Civil Engineering).
(11)	To approve the recommendation of the IAAC for the addition of a Co-Supervisor, i.e. Dr. S. R. Arya (Department of Electrical Engineering), for the joint PhD thesis supervision of G. Vishwas (D20EL004). Currently, the PhD student is being supervised by Dr. Rajasekhara Reddy Chilipi (Department of Electrical Engineering).
(12)	The IAAC made rearrangements in the wordings of the proposed revised title ( <i>Numerical Methods Applications for Electrical Engineering</i> ). After rewordings, the recommended title is <i>Applications of Numerical Methods in Electrical Engineering</i> with the subject code is EE 202.
(13)	To approve the category conversion from the FIR to the PEC of PhD student Kothavade Jayesh Uddhav (DS18EL004).
(14)	To approve the category conversion from the PPF (renamed as the FPS) to the PEC of PhD student Kalpesh Prajapati (DS18EC001).
(15)	To approve the recommendation of the IAAC for the addition of a Co-Supervisor, i.e. Dr. Vivek Garg (Department of Electronics Engineering), for the joint PhD thesis supervision of Hitarth Patel (D21EC004). Currently, the PhD student is being supervised by Dr. Deepak Joshi (Department of Electronics Engineering).

*Gnanu*  
13/6/22

*Rv Rao*  
13.06.22

(16)	To approve the recommendation of the IAAC for the addition of a Co-Supervisor, i.e. Dr. Anand Darji (Department of Electronics Engineering), for the joint PhD thesis supervision of Sudhanshu Sekhar Nayak (D21EC005). Currently, the PhD student is being supervised by Dr. P.K. Shah (Department of Electronics Engineering).
(17)	To approve the Programme Specific Outcomes (PSOs) and the Programme Educational Objectives (PEOs) of the Under Graduate Programme (B.Tech. in Mechanical Engineering).
(18)	To approve PSOs of all five PG Programmes, proposed by the Department of Mechanical Engineering.
(19)	<p>To approve a request of Parth Shah (DS14ME004, FPS category) to allow to appear Pre-synopsis seminar in the Spring semester of the Academic Year 2021-22. His thesis submission duration ends on July 11, 2022 (Department of Mechanical Engineering).</p> <p>Abiding by the seven-and-half-year duration (extended duration for the COVID reason) and giving considerations to the publication requirement met by 'research Scholar', the IAAC resolved to allow Parth Shah for the pre-synopsis seminar in the Spring Semester of the Academic Year 2022-23 under the special case consideration. It is required that the 'research Scholar' would complete the thesis submission requirement on or before 11<sup>th</sup> July, 2022, including pre-synopsis seminar and synopsis submission.</p>
(20)	To approve the co-supervisory role of Dr. Pawan Sharma (currently working as Assistant Professor, IIT-BHU) for three research Scholars (Garvit Singh (D21ME008), Harsh Soni (D21ME005) and Rahul Gulpude (D21ME019)) of Department of Mechanical Engineering.
(21)	To approve the category conversion from the FSF to the PEC of Ph D student Farhatbanu H. Patel (D19MA009) of Department of Mathematics and Humanities.
(22)	<p>To approve the supervisions of Anuj Saini (D18CY006, FIR category) and Seshu Vardhan (D19CY007, FRS category) following the withdrawal request of Dr. Rajender Kumar. Currently, the students are working under the supervision of Dr. S.K. Sahoo (Department of Chemistry).</p> <p>The IAAC recommended the DAAC to assign a Co-supervisor from the Department alongwith Dr. S. K. Sahoo for supervising Research Scholar Anuj Saini (D18CY006, FIR category). The DAAC Chairman (Department of Chemistry) would formally recommend the name of the Co-supervisor for Research Scholar Anuj Saini (D18CY006, FIR category) for its onward considerations. Regarding the supervision of Seshu Varadhn (D19CY007, FRS category), Dr. S. K. Sahoo would be the sole supervisor.</p>
(23)	To approve the category conversion from the FPS to the FSF of PhD student Shraddha Borse (D18CY004)) of Department of Chemistry.
(24)	To approve the introduction of two Courses (Institute Electives) in the third year integrated MSc Chemistry programme. Following the DAAC (Department of Chemistry) recommendation, the IAAC recommended two 'Courses' as the

*Pranav*  
13/6/2022

*R. Rao*  
13.06.22

		Institute Electives. The Courses are the following. (i) Chemistry of Engineering Materials for the odd Semester (ii) Analytical Techniques for Materials Characterization for the even Semester.
	(25)	To approve the recommendation of the IAAC for the addition of a Co-Supervisor, i.e. Dr. Y.K. Gupta (Scientific Officer (G), Nuclear Physics division, BARC, Mumbai), for the joint PhD thesis supervision of Vivek Katariya (D21PH002, FIR category). Currently, the PhD student is being supervised by Dr. Dipika Patel, Assistant Professor (Department of Physics).
	(26)	To approve the category conversion from the FIR to the FRS w.e.f. 01/04/2022 of PhD student Zainitkumar Dhameliya (D20PH010) of Department of Physics.
	(27)	To approve the revised syllabus of the Research Methodology Course (GN 900) for the Ph.D. Programme. The IAAC resolved to adopt the revised syllabus of the Research Methodology Course (Annexure 1 of the minutes of 56 <sup>th</sup> meeting of the IAAC) for all Doctoral students of the Institute.
	(28)	To approve the recommendation of the IAAC to start new M. Tech. Programmes (Annexure 3 of the minutes of 56 <sup>th</sup> meeting IAAC). The Department of Computer Science and Engineering has submitted schemes and syllabi of two new M. Tech. Programmes ( <i>Data Science</i> and <i>Information Security and Privacy</i> ). The Department of Mechanical Engineering has also submitted scheme and syllabus of a new M. Tech. programme ( <i>Machine Design</i> ).
Res. 5	<p>Regarding sub-item (4), the Senate resolved that the role of Professor A. K. Desai for the thesis supervision of Arpit Parikh (D17AM012) is the 'Supervisor' in lieu of the Administrative Supervisor role proposed. Regarding sub-item (22), it was resolved that Dr. S. K. Sahoo would be the sole Supervisor for the thesis supervision of Anuj Saini (D18CY006). Both the supervision cases of the above-mentioned two Students were given considerations as the special cases. For the supervision of Seshu Vardhan (D19CY007, FRS category), Dr. S. K. Sahoo would be the sole Supervisor. The sub-item (28), i.e., beginning of three new M Tech programmes, is recommended for considerations of the Finance Committee and BoG. The Departments concerned would arrange and submit the detailed agenda items for the same.</p> <p>Remaining sub-items of this agenda, including the revision of syllabus for Research Methodology, were approved. The revised syllabus of the Research Methodology is given at <b>Annexure-7</b> of the Senate minutes.</p>	
Item 6	<b>To note the approval of short-term extension to allow Israr Ahmed Shaikh (D14PH002) to submit PhD thesis.</b>	
Res. 6	Noted.	
Item 7	<b>To consider the recommendations of a committee constituted for revision in the Academic Regulations for the PhD programmes of the Institute. Annexure 7</b>	


*Pranav*  
13/6/22

*R. Rao*  
13.06.22

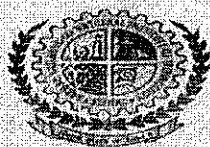
Res. 7	<p>It was resolved that the 'existing' Comprehensive Assessment resolutions (Resolution 48.5.1 (c) of the 48<sup>th</sup> meeting of the IAAC, resolutions (10.4) and (10.5) of 10<sup>th</sup> meeting of the SEC and resolution 6 (part b) of the 50<sup>th</sup> meeting of the Senate) stand applicable. The Senate resolved that the Comprehensive Assessment would be scheduled twice in the Academic Year, i.e. 'the last week of September month/first week of the October month' and 'the last week of March month/ the first week of April month' of the Academic Year. The Comprehensive Assessment schedules for the AY 2022-23 are given in the Academic Calendar. If a student fails in the first attempt of the Comprehensive Assessment, then he/she has the option to appear in the next scheduled Comprehensive Assessment. The students are required to pass the Comprehensive Assessment within the first four Semesters of their PhD programme.</p> <p>For the requirements of Ph.D interdisciplinary nature of research, the PhD student may be assigned the Supervisor and Co-supervisor from two different Departments. In such cases, the Supervisor would be from 'the parent Department under which the PhD Student is registered with' and the Co-supervisor would be from another participating Department.</p> <p>Specific recommendations and suggestions are required to be provided by the RPS committee in the 'evaluation report', after four years completion of the student's PhD programme, mentioning the reason(s) for extending the research beyond four years. This is applicable to both the full-time and part-time research categories.</p>
--------	--

The meeting ended with the thanks to the Chair.

  
**REGISTRAR**  
 SECRETARY- SENATE

  
**DIRECTOR** 13.06.22  
 CHAIRMAN-SENATE



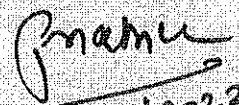


## SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

### The minutes of the 53rd meeting of the Senate

The aforesaid meeting was conducted on January 31, 2022, 03:30 pm onwards in the hybrid mode. The following were present in the Senate meeting:

(1) Dr. R. Venkata Rao, Professor & Director, SVNIT, Surat	: Chairman
(2) Dr. P. L. Patel, Professor & Deputy Director, SVNIT, Surat	: Member
(3) Dr. Chebrolu Pulla Rao, Professor, DoC, IIT Tirupati, Tirupati	: External Member
(4) Dr. Gajendra Kumar Adil, Professor, SJMSM, IIT Bombay, Mumbai	: External Member
(5) Dr. G. Bhuvaneshwari, Professor, DoEE, IIT Delhi	: External Member
(6) Dr. S. N. Sharma, Prof. & Dean (Academic) SVNIT, Surat	: Member
(7) Dr. C. D. Modhera, Prof. & Dean (Faculty Welfare), SVNIT, Surat	: Member
(8) Dr. D. C. Jinwala, Prof. & Dean (R&C), SVNIT, Surat	: Member
(9) Dr. V. L. Manekar, Prof. & Dean (P&D), SVNIT, Surat	: Member
(10) Dr. G. J. Joshi, Prof. & Head, DoCE, SVNIT, Surat	: Member
(11) Dr. M. A. Zaveri, Prof. & Head, DoCSE, SVNIT, Surat	: Member
(12) Dr. A. K. Panchal, Prof. & Head, DoEE, SVNIT, Surat	: Member
(13) Dr. Jyotirmay Banerjee, Prof. & Head, DoME, SVNIT, Surat	: Member
(14) Dr. J. N. Patel, Professor, DoCE, SVNIT, Surat	: Member
(15) Dr. S. A. Vasanwala, Professor, DoCE, SVNIT, Surat	: Member
(16) Dr. A. K. Desai, Professor, DoCE, SVNIT, Surat	: Member
(17) Dr. C. H. Solanki, Professor, DoCE, SVNIT, Surat	: Member
(18) Dr. S. M. Yadav, Professor, DoCE, SVNIT, Surat	: Member
(19) Dr. M. Mansoor Ahmmmed, Professor, DoCE, SVNIT, Surat	: Member
(20) Dr. R. A. Christian, Professor, DoCE, SVNIT, Surat	: Member
(21) Dr. Rakesh Kumar, Professor, DoCE, SVNIT, Surat	: Member
(22) Dr. K. A. Chauhan, Professor, DoCE, SVNIT, Surat	: Member
(23) Dr. Z. V. P. Murthy, Professor, DoChE, SVNIT, Surat	: Member
(24) Dr. P. A. Parikh, Professor, DoChE, SVNIT, Surat	: Member
(25) Dr. M. Chakraborty, Professor, DoChE, SVNIT, Surat	: Member
(26) Dr. M. Mukhopadhyay, Professor, DoChE, SVNIT, Surat	: Member
(27) Dr. J. K. Parikh, Professor, DoChE, SVNIT, Surat	: Member
(28) Dr. U. D. Dalal, Professor, DoECE, SVNIT, Surat	: Member
(29) Dr. J. N. Sarvaiya, Professor, DoECE, SVNIT, Surat	: Member
(30) Dr. Anandita Chowdhury, Professor, DoEE, SVNIT, Surat	: Member
(31) Dr. R. Chudamani, Professor, DoEE, SVNIT, Surat	: Member
(32) Dr. V. A. Shah, Professor, DoEE, SVNIT, Surat	: Member
(33) Dr. H. K. Raval, Professor, DoME, SVNIT, Surat	: Member
(34) Dr. D. P. Vakharia, Professor, DoME, SVNIT, Surat	: Member
(35) Dr. K. P. Desai, Professor, DoME, SVNIT, Surat	: Member
(36) Dr. A. A. Shaikh, Professor, DoME, SVNIT, Surat	: Member
(37) Dr. Shailendra Kumar, Professor, DoME, SVNIT, Surat	: Member
(38) Dr. T. N. Desai, Professor, DoME, SVNIT, Surat	: Member
(39) Dr. A. K. Shukla, Professor, DoMH, SVNIT, Surat	: Member
(40) Dr. V. H. Pradhan, Professor, DoMH, SVNIT, Surat	: Member

  
 31/1/2022

(41) Dr. Neeru Adlakha, Professor, DoMH, SVNIT, Surat	: Member
(42) Dr. Smita Jauhari, Professor, DoC, SVNIT, Surat	: Member
(43) Dr. K. N. Pathak, Professor, DoP, SVNIT, Surat	: Member
(44) Dr. P. V. Timbadiya, Dean (A&RG), SVNIT, Surat	: Invitee
(45) Dr. Ravi Kant, Dean (Students' Welfare), SVNIT, Surat	: Invitee
(46) Dr. C. M. Patel, Asso. Prof. & Head, DoChE, SVNIT, Surat	: Invitee
(47) Dr. P. N. Patel, Asso. Prof. & Head, DoECE, SVNIT, Surat	: Invitee
(48) Dr. J. M. Dhodiya, Asso. Prof. & Head, DoMH, SVNIT, Surat	: Invitee
(49) Dr. Suresh Kumar, Asso. Prof. Head, DoC, SVNIT, Surat	: Invitee
(50) Dr. D. V. Shah, Asso. Prof. & Head, DoP, SVNIT, Surat	: Invitee
(51) Ms. Bhavna Dilip Matwani, Academic Affairs Secretary, SVNIT, Surat	: Invitee
(52) Ms. Yamini Kabra, Research Innovation Affairs Secretary, SVNIT, Surat	: Invitee
(53) Dr. Pramod Mathur, Registrar, SVNIT, Surat	: Secretary

The leave of absence of the following members was noted.

(1) Dr. P. G. Agnihotri, Professor, DoCE, SVNIT, Surat	: Member
(2) Mr. Heemin Ketankumar Shah, Students General Secretary, SVNIT, Surat	: Invitee

### **INTRODUCTION BY THE CHAIRMAN**

At the outset, the Chairman Senate warmly welcomed all the members of the 53rd meeting of the Senate. He especially welcomed the external members, i.e. Prof. C. P. Rao, Department of Chemistry (IIT Tirupati), Prof. G. Bhuvanshwari, Department of Electrical Engineering (IIT Delhi) and Prof. Gajendra Kumar of S. J. Mehta School of Management (IIT Bombay). Two student representatives to the Senate, i.e. Ms. Bhavna Dilip Matwani (Secretary, Academic Affairs), and Ms. Yamini Kabra (Research and Innovation Secretary), were the part of the meeting as well. The Student representatives proposed further augmentations in the digitization of the Institute resources, including the greater number of meaningful MoUs signing with the Institutions of repute. The Senate appreciated their expressions and the Institute is progressing towards the implementation of the ideas of the student representatives. Thereafter, the Dean (Academic) was requested to proceed with the agenda items.

#### **Items and resolutions:**

<b>Item1</b>	<b>To confirm the minutes of the 51st meeting of the Senate held on 7th September, 2021. Annexure I</b>
<b>Res. 1</b>	Confirmed.
<b>Item 2</b>	<b>To note and approve the actions taken on the resolutions adopted in the 51st meeting of the Senate held on 7th September, 2021. Annexure II</b>
<b>Res. 2</b>	The 'Actions Taken Report (ATR)' was presented by the Dean (Academic). The House noted and approved the actions taken on the minutes of the 51 <sup>st</sup> meeting of the Senate. Regarding the actions taken on the MoUs, it was agreed in the Senate to expediate and increase meaningful MoUs with the Institutions of repute.
<b>Item3</b>	<b>To confirm the minutes of the 52nd meeting of the Senate held on 13th October, 2021. (Reso. No.1 was confirmed in the 52nd meeting of the Senate). Annexure III</b>
<b>Res. 3</b>	Confirmed.
<b>Item 4</b>	<b>To note and approve the actions taken on the resolutions adopted in the 52nd meeting of the Senate held on 13th October, 2021. Annexure IV</b>

*Pramod*  
3/7/2022



Res. 4	The 'Actions Taken Report (ATR)' was presented by the Dean (Academic). The House noted and approved the actions taken on the minutes of the 52nd meeting of the Senate.																										
Item 5	<p><b>To consider and adopt resolutions about the 'recommendations' made in the 52nd meeting of the Institute Academic Advisory Committee (IAAC) held on 18th November, 2021.</b></p> <p><b>Link:</b> : <a href="https://www.svnit.ac.in/Data/minutes/iaac/52nd%20IAAC%20Minutes.pdf">https://www.svnit.ac.in/Data/minutes/iaac/52nd%20IAAC%20Minutes.pdf</a></p> <table border="1"> <tr> <td>(1)</td><td>The PhD category conversion, the PPF to the FIR of PhD student Vishal Thakare (DS18CH001), working under the supervision of Dr. Meghal A. Desai (Department of Chemical Engineering). The IAAC declined the category conversion because of the lack of the GATE score of the Scholar.</td></tr> <tr> <td>(2)</td><td>The PhD category conversion, the FIR to the PEC of PhD student Alok Kumar Tiwari (D17CH007), working under the supervision of Dr. A. K. Mungray (Department of Chemical Engineering). The IAAC recommended the conversion.</td></tr> <tr> <td>(3)</td><td>An addition of a Co-Supervisor, i.e. Dr. M. Chakraborty (Professor, Department of Chemical Engineering) for the PhD thesis Supervision of Amit Kumar (D21CH003), currently being supervised by Dr. Vineet Kumar Rathore (Assistant Professor, Department of Chemical Engineering)</td></tr> <tr> <td>(4)</td><td>The PhD category conversion, the PPF to the PEC of PhD student Doshi Krushangi Pankaj (D18CH004), working under the Supervision of Dr. Alka A. Mungray (Department of Chemical Engineering)</td></tr> <tr> <td></td><td>Subitems (3)-(4) were recommended. Furthermore, the supervision strength of each supervisor associated with Scholar Amit Kumar (D21CH003) is 0.5.</td></tr> <tr> <td>(5)</td><td>For the two-month extension to the PhD thesis submission beyond the six-month synopsis-thesis submission duration with reference to PhD student Nilesh Shantosh Dumore (D17CH008). The IAAC approved the request.</td></tr> <tr> <td>(6)</td><td>Regarding earning additional credits by the PhD Scholar after completing the required course work and comprehensive examination. It was discussed in the IAAC and the inclusive response of all Academic Departments are invited.</td></tr> <tr> <td>(7)</td><td>Regarding the post-Doctoral position in the Department as approved by the Senate. The DAAC (Chemical Engineering) resolved to allow the post-doctoral positions in the Department with necessary guidelines approved by the Senate. Concerning the above, the creation of the PDFs and their modalities are under progress.</td></tr> <tr> <td>(8)</td><td>About the start of M Tech specializations in different areas (in Department of Computer Science and Engineering) as proposed in the perspective plan of the Institute. The Department has proposed the intake capacity, additional faculty requirements along with teaching schemes. It was agreed in the IAAC that Resolution 7 (the 51st meeting of the Senate) regarding the generalized scheme of the M Tech programmes, including the workshop requirement, stands applicable for the introduction of three new M Tech programmes in the Department.</td></tr> <tr> <td>(9)</td><td>The IAAC noted and considered an additional pool of qualifying B.E./B.Tech. degrees for the CCMT admission in Computer Science and Engineering specialization programme admission of Department of Computer Science and Engineering, SVNIT, Surat.</td></tr> <tr> <td>(10)</td><td>Regarding accommodating 15 Students from other Department for B. Tech. in (...) with minor in Computer Science and Engineering. This arrangement was noted in the IAAC.</td></tr> <tr> <td>(11)</td><td>The category conversion, the FSC to the PEC of PhD student Gordhan B. Jethava (D18CO004), working under the Supervision of Dr. U. P. Rao (Department of Computer Science and Engineering). The category conversion was recommended.</td></tr> <tr> <td>(12)</td><td>The category conversion, the FIR to the FSF of PhD student Ritu Jain (D16EL003), working</td></tr> </table>	(1)	The PhD category conversion, the PPF to the FIR of PhD student Vishal Thakare (DS18CH001), working under the supervision of Dr. Meghal A. Desai (Department of Chemical Engineering). The IAAC declined the category conversion because of the lack of the GATE score of the Scholar.	(2)	The PhD category conversion, the FIR to the PEC of PhD student Alok Kumar Tiwari (D17CH007), working under the supervision of Dr. A. K. Mungray (Department of Chemical Engineering). The IAAC recommended the conversion.	(3)	An addition of a Co-Supervisor, i.e. Dr. M. Chakraborty (Professor, Department of Chemical Engineering) for the PhD thesis Supervision of Amit Kumar (D21CH003), currently being supervised by Dr. Vineet Kumar Rathore (Assistant Professor, Department of Chemical Engineering)	(4)	The PhD category conversion, the PPF to the PEC of PhD student Doshi Krushangi Pankaj (D18CH004), working under the Supervision of Dr. Alka A. Mungray (Department of Chemical Engineering)		Subitems (3)-(4) were recommended. Furthermore, the supervision strength of each supervisor associated with Scholar Amit Kumar (D21CH003) is 0.5.	(5)	For the two-month extension to the PhD thesis submission beyond the six-month synopsis-thesis submission duration with reference to PhD student Nilesh Shantosh Dumore (D17CH008). The IAAC approved the request.	(6)	Regarding earning additional credits by the PhD Scholar after completing the required course work and comprehensive examination. It was discussed in the IAAC and the inclusive response of all Academic Departments are invited.	(7)	Regarding the post-Doctoral position in the Department as approved by the Senate. The DAAC (Chemical Engineering) resolved to allow the post-doctoral positions in the Department with necessary guidelines approved by the Senate. Concerning the above, the creation of the PDFs and their modalities are under progress.	(8)	About the start of M Tech specializations in different areas (in Department of Computer Science and Engineering) as proposed in the perspective plan of the Institute. The Department has proposed the intake capacity, additional faculty requirements along with teaching schemes. It was agreed in the IAAC that Resolution 7 (the 51st meeting of the Senate) regarding the generalized scheme of the M Tech programmes, including the workshop requirement, stands applicable for the introduction of three new M Tech programmes in the Department.	(9)	The IAAC noted and considered an additional pool of qualifying B.E./B.Tech. degrees for the CCMT admission in Computer Science and Engineering specialization programme admission of Department of Computer Science and Engineering, SVNIT, Surat.	(10)	Regarding accommodating 15 Students from other Department for B. Tech. in (...) with minor in Computer Science and Engineering. This arrangement was noted in the IAAC.	(11)	The category conversion, the FSC to the PEC of PhD student Gordhan B. Jethava (D18CO004), working under the Supervision of Dr. U. P. Rao (Department of Computer Science and Engineering). The category conversion was recommended.	(12)	The category conversion, the FIR to the FSF of PhD student Ritu Jain (D16EL003), working
(1)	The PhD category conversion, the PPF to the FIR of PhD student Vishal Thakare (DS18CH001), working under the supervision of Dr. Meghal A. Desai (Department of Chemical Engineering). The IAAC declined the category conversion because of the lack of the GATE score of the Scholar.																										
(2)	The PhD category conversion, the FIR to the PEC of PhD student Alok Kumar Tiwari (D17CH007), working under the supervision of Dr. A. K. Mungray (Department of Chemical Engineering). The IAAC recommended the conversion.																										
(3)	An addition of a Co-Supervisor, i.e. Dr. M. Chakraborty (Professor, Department of Chemical Engineering) for the PhD thesis Supervision of Amit Kumar (D21CH003), currently being supervised by Dr. Vineet Kumar Rathore (Assistant Professor, Department of Chemical Engineering)																										
(4)	The PhD category conversion, the PPF to the PEC of PhD student Doshi Krushangi Pankaj (D18CH004), working under the Supervision of Dr. Alka A. Mungray (Department of Chemical Engineering)																										
	Subitems (3)-(4) were recommended. Furthermore, the supervision strength of each supervisor associated with Scholar Amit Kumar (D21CH003) is 0.5.																										
(5)	For the two-month extension to the PhD thesis submission beyond the six-month synopsis-thesis submission duration with reference to PhD student Nilesh Shantosh Dumore (D17CH008). The IAAC approved the request.																										
(6)	Regarding earning additional credits by the PhD Scholar after completing the required course work and comprehensive examination. It was discussed in the IAAC and the inclusive response of all Academic Departments are invited.																										
(7)	Regarding the post-Doctoral position in the Department as approved by the Senate. The DAAC (Chemical Engineering) resolved to allow the post-doctoral positions in the Department with necessary guidelines approved by the Senate. Concerning the above, the creation of the PDFs and their modalities are under progress.																										
(8)	About the start of M Tech specializations in different areas (in Department of Computer Science and Engineering) as proposed in the perspective plan of the Institute. The Department has proposed the intake capacity, additional faculty requirements along with teaching schemes. It was agreed in the IAAC that Resolution 7 (the 51st meeting of the Senate) regarding the generalized scheme of the M Tech programmes, including the workshop requirement, stands applicable for the introduction of three new M Tech programmes in the Department.																										
(9)	The IAAC noted and considered an additional pool of qualifying B.E./B.Tech. degrees for the CCMT admission in Computer Science and Engineering specialization programme admission of Department of Computer Science and Engineering, SVNIT, Surat.																										
(10)	Regarding accommodating 15 Students from other Department for B. Tech. in (...) with minor in Computer Science and Engineering. This arrangement was noted in the IAAC.																										
(11)	The category conversion, the FSC to the PEC of PhD student Gordhan B. Jethava (D18CO004), working under the Supervision of Dr. U. P. Rao (Department of Computer Science and Engineering). The category conversion was recommended.																										
(12)	The category conversion, the FIR to the FSF of PhD student Ritu Jain (D16EL003), working																										

*Pranav*  
31/1/2022

	under the Supervision of Dr. V. Mahajan (Department of Electrical Engineering). The 'category duration' in connection with the FIR to the FSF conversion needs discussions and resolutions in the Senate.
(13)	Regarding accommodating 15 students from other Departments for B. Tech. in (...) with minor in Electronics and Communication Engineering (ECE). This arrangement of Electronics and Communication Engineering was noted in the IAAC.
(14)	The IAAC noted and considered an additional pool of qualifying B.E./B.Tech. degrees for the CCMT admission in the M.Tech. (CAD/CAM specialization) and M.Tech. (Manufacturing Engineering, specialization).
(15)	An addition of a Supervisor, i.e. Dr. Jitesh Thakkar (Professor, National Rail & Transportation Institute) for the PhD Supervision of Nevil Gandhi (D20ME003) currently being supervised by Dr. Ravi Kant (Department of Mechanical Engineering).
	The addition of a Co-Supervisor for Nevil Gandhi (D20ME003) was resolved and it was suggested for the requirement of the willingness of the proposed Supervisor enroute via his Employer. The supervision strength of the internal Supervisor is one.
(16)	An addition of a Supervisor, i.e. Dr. Sarita Kalla (Department of Chemical Engineering for the PhD thesis Supervision of Ketan Maru (DS20CY002) currently being supervised by Dr. Ritambhara Jangir (Department of Chemistry). The item was resolved and the supervision strength of each Supervisor associated with Scholar Ketan Maru (DS20CY002) is 0.5.
(17)	The PhD category conversions from the FIR to the FRS were discussed. Two students Chirag Gadhiya (DS20CY010) under the supervision of Dr. B. Z. Dholakiya (Department of Chemistry), and Monak Patel (D20CY019) under the supervision of Dr. Navin Togati (Department of Chemistry) and Dr. B. Z. Dholakiya (Department of Chemistry) have completed less than two semesters yet since the FIR category admissions. For the category conversion, the minimum three-semester retention duration of a given category is a requirement in the regulation. The IAAC proposed an amendment in the minimum three-semester requirement for the category conversion (11.3 (d) of the Academic Regulation <i>in effect</i> ) from the FIR to the FRS.
(18)	The PhD category conversion, the PPF to the FSF of PhD Student Bijal R. Mehta (D19PH002), working under the Supervision of Dr. D. R. Roy (Department of Physics) was recommended.
(19)	The PhD category conversion from the FIR to the FRS of three PhD students of the Department of Physics was discussed. Pooja Sonaram Jakhad (DS20PH001) under the supervision of Dr. A. K. Rai (Department of Physics) has completed less than two semesters yet since the FIR category admissions. Jayakumar Rajeshbhai Jasani D20PH001 under the supervision of Dr. Y. A. Sonvane (Department of Physics), Ridhi Prajapati D20PH006 under the supervision of Dr. K. N. Pathak (Department of Physics) have completed less than three semesters yet since the FIR category admissions. For the category conversion, the minimum three-semester retention duration of a given category is a requirement in the regulation.
(20)	The IAAC recommended an addition of a Supervisor, i.e. Dr. Abhirup Datta (Asso. Professor, Indian Institute of Technology, Indore), for the PhD thesis Supervision of Ayushi Nema (DS20PH002), currently being supervised by Dr. K. N. Pathak (Professor, Department of Physics). It was further resolved that the supervision strength of the internal Supervisor guiding Scholar Ayushi Nema (DS20PH002) is one.
(21)	The category conversion, the FIR to the PEC of PhD student Arpit Sharma (DS17CE009), working under the supervision of Dr. Ganesh D. Kale, (Department of Civil Engineering) was

*[Signature]*  
3/2/22



	recommended.									
(22)	An addition of a Supervisor was recommended, i.e. Dr. Nishant Roy (Assistant Professor, Department of Civil Engineering, BITS Pilani), for the PhD thesis supervision of Geetanjali Lohar (D20CE024), currently being supervised by Dr. Ankesh Kumar (Department of Civil Engineering, SVNIT).									
	In this regard, the supervision strength of Dr. Ankesh Kumar is one. The application was enrouted by the proper channel.									
(23)	Regarding a timeline for the NBA requirement of the accreditation of the UG and PG programmes of the Institute. Currently, 4 UG programmes and 17 PG programmes are awaited for the accreditation.									
	<p>The IAAC agreed with the timeline proposed in the <b>Annexure V</b>. In addition to this, the Department of Civil Engineering would apply for the accreditation of the sixth PG programme after the <i>application</i> of the five PG programmes.</p> <p>The Head of the Department (Mechanical Engineering) proposed a separate timeline requirement for the NBA applicable procedural steps for the Department Academic programmes of the Mechanical Engineering. The UG accreditation of the Mechanical Engineering is effective till June 30, 2022. The accreditations of PG programmes of the Department are awaited. By giving considerations to 'the validity of the above-mentioned UG accreditation date and a sequence of the applications for the accreditation of the UG and PG programmes', the DAAC recommendation would be submitted to the IAAC considerations. <b>Annexure V</b>.</p>									
(24)	Regarding the recall status of Students, their associated time lines and the offline mode of the Spring Semester activity of the AY 2021-22.									
	<p>Following the deliberations in the afore-said meeting, the recall status of the students and the associated timelines were resolved for the offline mode of the Spring Semester activity of the following B.Tech. and M.Sc. Programmes of the Academic Year 2021-22.</p> <table border="1"> <thead> <tr> <th>Year</th><th>Reporting period at the Institute</th><th>Quarantine period at the Institute*</th></tr> </thead> <tbody> <tr> <td>B.Tech. (6th Semester) M.Sc. (6th Semester), M.Sc. (8th Semester)</td><td><b>December 13-17, 2021</b></td><td>December 13-23, 2021</td></tr> <tr> <td>B.Tech. (4th Semester), and M.Sc.(4th Semester)</td><td><b>December 23-27, 2021</b></td><td>December 23, 2021- January 02, 2022</td></tr> </tbody> </table> <p>* Self-isolation period is subject to variation.</p> <p>Regarding the above, the Spring Semester teaching begins from January 3, 2022 and its XX grade stands applicable (Reference: Academic Calendar 2021-22).</p>	Year	Reporting period at the Institute	Quarantine period at the Institute*	B.Tech. (6th Semester) M.Sc. (6th Semester), M.Sc. (8th Semester)	<b>December 13-17, 2021</b>	December 13-23, 2021	B.Tech. (4th Semester), and M.Sc.(4th Semester)	<b>December 23-27, 2021</b>	December 23, 2021- January 02, 2022
Year	Reporting period at the Institute	Quarantine period at the Institute*								
B.Tech. (6th Semester) M.Sc. (6th Semester), M.Sc. (8th Semester)	<b>December 13-17, 2021</b>	December 13-23, 2021								
B.Tech. (4th Semester), and M.Sc.(4th Semester)	<b>December 23-27, 2021</b>	December 23, 2021- January 02, 2022								
(25)	Regarding the physical presence of the students of M Tech second year and PhD second year onwards.									
	The IAAC resolved the physical presence of the students of M Tech second year and PhD second year onwards. That is a requirement for the calculation of the stipend. Their physical reporting spans from December 6, 2021 to December 12, 2021.									
(26)	To consider the Academic Calendar for the B.Tech. and M.Sc. programmes (first year) of the Academic Year 2021-22.									
	<p>The academic Calendar for the B.Tech. and M.Sc. programmes (first year) of the academic Year 2021-22 was discussed and resolved in the IAAC. The IAAC recommends the Calendar for the Senate ratification (<b>Annexure VI</b>).</p> <p>Besides the above, the IAAC discussed the Autumn Semester activities (End Semester theory and practical examinations) of the B.Tech. and M.Sc. final year students of the Academic Year 2021-22, i.e. 7th and 9th Semesters respectively, and agreed for their <i>offline</i> mode. For the above-mentioned examinations, it was resolved that the assessment of the practical examination would be done in agreement with the laboratory demonstrations made during the</p>									

*Proctor*  
3/2/2022

	semester.									
(27)	About uploading full text PhD theses in Shodhganga, a repository of full text theses and Dissertation (Reference: F. No. 31-10/2021-TS.II, dated November 8, 2021).									
	It was resolved that the Senate Chairman would constitute a committee to decide the modality and implementation of 'theses upload requirement in Shodhganga'. The Committee would implement the above in co-ordination with the Central Library. The Academic Section would provide supports to meet the requirement of the Central Library by associating the Associate Dean (Academic) regarding this. For the greater details, Letter F. No. 31-10/2021-TS.II, dated November 8, 2021, Government of India, Ministry of Education, Department of Higher Education, Technical Section-II can be consulted.									
Res. 5	<p>(i) The Senate approved the subitems listed in serial orders (1)-(11).</p> <p>(ii) The subitem (12) was approved. Furthermore, the Senate agreed with the 'FIR to FSF category conversion' after "the successful completion of the five-year duration in the FIR in terms of abiding by the Academic Regulations for Doctoral Programmes in effect". For the afore-said category conversion procedure, the desirous Scholar would submit a category conversion request with the justification, including recommendations made in the proper channel procedure adopted'. The Senate Chairman would decide the category conversion upon the satisfaction and evaluations.</p> <p>(iii) Subitems (13)-(16) were approved, including the subitem (18). Regarding 'the FIR to the FRS category conversion' of five Students mentioned in the subitems (17) and (19), the Senate approved their PhD category conversion under the special case consideration after deliberating the concerning parts of the existing and proposed categories. This consideration would not be treated as a 'precedence' for future category conversion cases. For future cases, it was agreed in the Senate that the Research Scholar(s) in consultation with the Supervisor (s) would submit their category conversion request by giving considerations to the section 11.3 (d) of the Academic Regulations for Doctoral Programmes in effect.</p> <p>(iv) Subitems (20)-(27) were approved.</p>									
Item 6	<b>To note and approve the Semester activities of the B.Tech. and M.Sc. final year Academic Programmes, Autumn Semester, AY 2021-22.</b>									
Res. 6	Noted and approved.									
Item 7	<b>To consider and adopt resolutions about the 'recommendations' made in the 53rd meeting of the Institute Academic Advisory Committee (IAAC) held on 10th January, 2022.</b>  Link: <a href="https://www.svnit.ac.in/Data/minutes/iaac/DOC100122-10012022172841.pdf">https://www.svnit.ac.in/Data/minutes/iaac/DOC100122-10012022172841.pdf</a>  It was decided in the IAAC that the revised mode of the Semester activities of the Academic Programmes of the Institute is 'online' until further notification.  Furthermore, Students, aspiring for the access to the laboratory resources meeting the project, Dissertation and Research requirements, need to apply for the Hostel accommodation by paying the fees. Their visit to the laboratory would abide by the applicable COVID protocol.									
Res. 7	Noted and approved.									
Item 8	<b>To approve refund rules for UG/PG/PhD programmes, who have cancelled/discontinued /not reported to the Institute.</b> <table><tr><th>Sr. No.</th><th>Withdrawn / discontinued</th><th>Amounts to be refunded</th></tr><tr><td>1</td><td>Students, who did not report for the admission</td><td>Excess amount if any will be refunded after deducting the tuition fees, other fees and admission fee</td></tr><tr><td>2</td><td>Students, withdrawn within one</td><td>Institute development contribution+ security</td></tr></table>	Sr. No.	Withdrawn / discontinued	Amounts to be refunded	1	Students, who did not report for the admission	Excess amount if any will be refunded after deducting the tuition fees, other fees and admission fee	2	Students, withdrawn within one	Institute development contribution+ security
Sr. No.	Withdrawn / discontinued	Amounts to be refunded								
1	Students, who did not report for the admission	Excess amount if any will be refunded after deducting the tuition fees, other fees and admission fee								
2	Students, withdrawn within one	Institute development contribution+ security								

*Proahla*  
5/2/22



		month of closing of admission	deposit + seat rent	
	3	Students, withdrawn after one month of closing of admission	Only security deposit	
Res. 8	Approved.			
Item 9	<p><b>To discuss about the arrangement of a one-semester internship industrial training in the curriculum of the B.Tech. programme</b></p> <p>Towards a revision in the academic curriculum, which is effective from the Academic Year 2019-2020, a one-semester industrial internship is proposed as a part of the 'sixth semester curricula' of B.Tech. programmes of the Institute. To implement the industrial internship within the framework of B.Tech. programmes, the Courses of a specific semester intended for the internship would be 'grouped' with the Courses of remaining available Semesters. For the rearrangements in the Courses, prerequisites, credit compositions etc. would be given considerations as well. The 'Training and Placement Section' would co-ordinate between the Academic Departments of the SVNIT and the Industries imparting the internships to B.Tech. students of the Institute.</p>			
Res. 9	<p>Discussed and adopted an arrangement of a one-semester industrial internship training within the curriculum of the B Tech programmes of the Institute. The resolution has two parts. First part: the Training and Placement Section of the Institute would co-ordinate with the Academic Departments of the Institute and the Industries imparting trainings to the B Tech students for the associated internship requirements.</p> <p>Secondly, the Senate approved the following as well.</p> <p>(i) the total credit strength of the afore-said internship training is 10 (ten) within the scheme of the '8th (eighth)' semester of the B Tech Programme. That would be effective from the eighth Semester of the Academic year 2023-24 onwards. Embedding a one-semester internship trainings would preserve the total credit requirement (range: 180-186 credits) to earn the B Tech degree programme of the Institute (reference: page 8, section 11.3 of the Academic Regulation).</p> <p>(ii) The Academic Departments of the Institute would complete revisions in the existing 'B Tech curriculum' with the addition of the internship by June 2022 to meet the requirements of the step (i) of the resolution. The mechanism for revisions in the curriculum would be devised by the Academic Departments by giving considerations to inclusivity and completeness in every curriculum component as well as participations of the stake holders of the B Tech programmes.</p> <p>(iii) The presentations of the Academic Departments on their respective revised curriculum would be arranged in future meetings of the Senate meetings after the completion of the step (ii) of the resolution.</p>			
Item 10	<p><b>About the consideration of report on the creation of Post-Doctoral Fellowships in the Institute.</b></p> <p>The report is with the <i>Annexure VII</i>.</p>			
Res. 10	<p>The Senate deliberated the findings of the report. The Senate agreed with the following. The criteria for the calculation of the permissible strength of Post-Doctoral Fellowships (PDFs) at any point of time are as follows. (i) The minimum PDF strength associated with each Department is one (1). (ii) For the regular Faculty strength <math>N</math> of the Department, i.e. <math>N \geq 15</math>, the number <math>n</math> of PDFs with the Department is <math>N/15</math> with rounding inclusively. (iii) The maximum number of PDFs associated with the Institute is twenty (20).</p> <p><i>Example</i></p> <p>Suppose the Department has the Faculty strength twenty (20), the permissible PDF strength with the Department at any point of time is one (1) after rounding. Furthermore, for the Faculty strength twenty-five (25), the permissible PDF strength is two (2) at any point of time after rounding. The vacancy calculation at the Department-level and Institute-level would be made prior to the Fellowship notice.</p> <p>The Senate recommends the Board for the consideration of the budgetary arrangement of the</p>			

*Pranav*  
31/1/2022

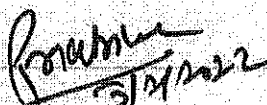
	<p>Fellowship under the Institute grant (OH 31)/the IRG or the arrangement within the Annual Budget of the Institute as they deem fit. As per GoI norms, the reservation would be applicable as well.</p> <p>The Senate made a revision regarding point (2e) of the Committee report.</p> <p>SVNIT PhD degree holders are discouraged from the Post-Doctoral Fellowship of the Institute with the following exception. "Minimum 'one-year post-PhD research experience' gained by the Candidate from the Institutions other than the SVNIT. That research experience would demonstrate the quality research output in terms of publications agreeable with the thrust areas of the Department".</p>																																																				
Item 11	<p><b>About the registration of the SVNIT with the Academic Bank of Credits (ABC)</b></p> <p>The ABC is a national-level facility to promote flexibility of curriculum framework and interdisciplinary or multidisciplinary academic mobility of students across Higher Education Institutions (HEIs). The Academic Bank of Credits is a bank for academic purposes similar to the commercial bank for financial purposes. The ABC provides the student opportunities to be academic account holder, where the student would be able to accumulate, verify and transfer credits etc.</p> <p>The Senate is requested to allow the registration of the SVNIT with the ABC. Please visit <a href="https://www.abc.gov.in/">https://www.abc.gov.in/</a></p>																																																				
Res. 11	<p>The Senate appreciated the concept of the ABC for enabling the mobility of Students and curriculum flexibility. The Senate approved the following.</p> <p>(i) The SVNIT would apply for its registration with the ABC at <a href="https://www.abc.gov.in/">https://www.abc.gov.in/</a></p> <p>(ii) The Academic Departments would prepare their respective Academic Credit Database to meet the requirement of the ABC. Regarding this, the Academic Department would prepare the list of Courses with their complete descriptions by June 2022 in time-bound manner towards their availability for crediting under the aegis of the ABC. Progresses made by the Institute towards the ABC would be the part of discussions in future meetings of the Senate.</p>																																																				
Item 12	<p><b>To frame the rules &amp; regulations in terms of the SVNIT Faculty to act as external supervisor/co-supervisor for the students of other Institutions. Annexure VIII.</b></p>																																																				
Res. 12	<p>The Senate deliberated the findings of the report. The Senate made a revision in the point VII of the report. The revision of the Senate is as follows.</p> <p>Credits would be given considerations for the external supervision done by the SVNIT Faculty. 'No special credit will be earned by the SVNIT Faculty for supervising Students of an external Institute' is omitted. The Senate recommended the Board for its considerations.</p>																																																				
Item 13	<p><b>About the Ph.D. admission statistics of the Spring Semester of the AY 2021-22.</b></p> <table><tr><th>Sr.no.</th><th>Departments</th><th>Number of Candidates selected</th><th>Number of registration forms received</th></tr><tr><td>1</td><td>Department of Chemical Engineering</td><td>1</td><td>1</td></tr><tr><td>2</td><td>Department of Chemistry</td><td>2</td><td>1</td></tr><tr><td>3</td><td>Department of Civil Engineering</td><td>7</td><td>7</td></tr><tr><td>4</td><td>Department of Computer Science and Engineering</td><td>0</td><td>0</td></tr><tr><td>5</td><td>Department of Electrical Engineering</td><td>4</td><td>3</td></tr><tr><td>6</td><td>Department of Electronics Engineering</td><td>2</td><td>1</td></tr><tr><td>7</td><td>Department of Mechanical Engineering</td><td>4</td><td>4</td></tr><tr><td>8</td><td>Department of Mathematics and Humanities</td><td>7</td><td>7</td></tr><tr><td>9</td><td>'Management' within Department of Mathematics and Humanities</td><td>0</td><td>0</td></tr><tr><td>10</td><td>'English' within Department of Mathematics and Humanities</td><td>0</td><td>0</td></tr><tr><td>11</td><td>Department of Physics</td><td>3</td><td>2</td></tr><tr><td colspan="2">Total</td><td>30</td><td>26</td></tr></table>	Sr.no.	Departments	Number of Candidates selected	Number of registration forms received	1	Department of Chemical Engineering	1	1	2	Department of Chemistry	2	1	3	Department of Civil Engineering	7	7	4	Department of Computer Science and Engineering	0	0	5	Department of Electrical Engineering	4	3	6	Department of Electronics Engineering	2	1	7	Department of Mechanical Engineering	4	4	8	Department of Mathematics and Humanities	7	7	9	'Management' within Department of Mathematics and Humanities	0	0	10	'English' within Department of Mathematics and Humanities	0	0	11	Department of Physics	3	2	Total		30	26
Sr.no.	Departments	Number of Candidates selected	Number of registration forms received																																																		
1	Department of Chemical Engineering	1	1																																																		
2	Department of Chemistry	2	1																																																		
3	Department of Civil Engineering	7	7																																																		
4	Department of Computer Science and Engineering	0	0																																																		
5	Department of Electrical Engineering	4	3																																																		
6	Department of Electronics Engineering	2	1																																																		
7	Department of Mechanical Engineering	4	4																																																		
8	Department of Mathematics and Humanities	7	7																																																		
9	'Management' within Department of Mathematics and Humanities	0	0																																																		
10	'English' within Department of Mathematics and Humanities	0	0																																																		
11	Department of Physics	3	2																																																		
Total		30	26																																																		

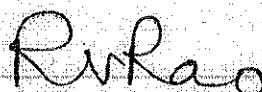
*[Signature]*  
31/1/2022



	<table><tr><th>Ph.D. Admission Category</th><th>FIR</th><th>FRS</th><th>FSC</th><th>PIS</th><th>FPS</th><th>PEC</th><th>FSF</th><th>FSL</th><th>Total</th></tr><tr><td>No. of Students</td><td>20</td><td>1</td><td>0</td><td>0</td><td>0</td><td>3</td><td>2</td><td>0</td><td>26</td></tr></table>	Ph.D. Admission Category	FIR	FRS	FSC	PIS	FPS	PEC	FSF	FSL	Total	No. of Students	20	1	0	0	0	3	2	0	26
Ph.D. Admission Category	FIR	FRS	FSC	PIS	FPS	PEC	FSF	FSL	Total												
No. of Students	20	1	0	0	0	3	2	0	26												
	<p>*Under the FIS Category for the ICCR Scholars, two admissions were offered (The Department of Civil Engineering and Department of Chemistry)</p>																				
Res. 13	<p>Discussed. It was agreed in the Senate that the 35-percentile criterion is 'not applicable' for the 'Section' of the Academic Department, where the number of applicants appearing in the written test is 'five or less'. On the other hand, for the case with 'more than the five applicants' appearing in the written test, the 35-percentile criterion is 'applicable'. Furthermore, the publication of PhD admission notices Newspapers was agreed.</p>																				
Item 14	<p><b>To decide the Faculty Cadres and modalities for choosing the Senate representatives for the membership of the Board of Governors of the SVNIT.</b></p> <p>In the 46th Senate meeting, held on January 6, 2020, it was decided to invite nominations among the Professor and Associate Professor Faculty Cadres. Dr. R. A. Christian (Professor, Civil Engineering, SVNIT) and Dr. P. V. Bhale (Associate Professor, Mechanical Engineering, SVNIT) were nominated as the Senate representatives in the Board. Their terms complete on February 25, 2022. The Senate is requested to adopt the resolution to fill the vacancies arising from the term expiry. <i>Reference: Resolution 6, 46th meeting of the Senate, January 6, 2020</i></p>																				
Res. 14	<p>The members deliberated on the issue. It was noted that the existing representation is from Professor and Associate Professor Cadres. The nominations are to be made on rotation basis for a period of 2 years. As per NIT Act rule 11(f), one Professor and one Assistant Professor or a Lecturer of the Institute to be nominated by the Senate. The designation of Assistant Professor is to be modified to Associate Professor and Lecturer to be modified to Assistant Professor as per New Recruitment Rules of NIT. After deliberations, it was resolved that a Committee of the following be constituted for inviting the applications from Professor and Associate Professor or Assistant Professor faculty cadres (Professor, Associate Professor, Assistant Professor). The committee would recommend three names from each cadre to the Chairman Senate for taking the final decision in nominating the members to the BoG as representative of the Senate from the Institute:</p> <p>(a) Prof C D Modhera, Dean (FW): Chairperson</p> <p>(b) Prof S K Budhwar: Member</p> <p>(c) Prof Ashish Panchal: Member</p>																				

The meeting ended with the thanks to the Chair.

  
 REGISTRAR  
 SECRETARY - SENATE

  
 DIRECTOR 03.02.2022  
 CHAIRMAN - SENATE

**Annexure 2**  
**(Minutes of 54th meeting of the Senate)**



**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT**

The Actions Taken Report on the minutes of the 53<sup>rd</sup> meeting of the Senate of the Sardar Vallabhbhai National Institute of Technology, Surat held on **Wednesday, 31<sup>st</sup> January, 2022, 03:30 p.m.** onwards in the **Hybrid Mode** is appended below.

No.	Resolutions	Actions Taken
Res. 1	Resolved that the minutes of the 51st meeting of the Senate held on 7th September, 2021 be confirmed	Noted
Res. 2	The "Actions Taken Report" was presented by Dean (Academic). The House noted and approved the actions taken on the 51st meeting of the Senate held on 7th September, 2021.	Noted and the actions initiated
Res. 3	Resolved that the minutes of the 52nd meeting of the Senate held on 13th October, 2021 be confirmed (Reso. No.1 was confirmed in the 52nd meeting of the Senate).	Noted and the actions initiated
Res. 4	The "Actions Taken Report" was presented by Dean (Academic). The House noted and approved the action taken on 52nd meeting of the Senate held on 13th October, 2021.	Noted and approved
Res. 5	It is resolved that the actions taken on the 52nd meeting of the Institute Academic Advisory Committee (IAAC) held on 18th November, 2021 be noted and approved.	
	(a) The Senate approved the sub-items listed in serial orders (1)-(11).	Noted and implemented
	(b) The sub-item (12) was approved. Furthermore, the Senate agreed with the 'FIR to FSF category conversion' after "the successful completion of the five-year duration in the FIR in terms of abiding by the Academic Regulations for Doctoral Programmes in effect". For the afore-said category conversion procedure, the desirous Scholar would submit a category conversion request with the justification, including recommendations made in the proper channel procedure adopted'. The Senate Chairman would decide the category conversion upon the satisfaction and evaluations.	
	(C) Subitems (13)-(16) were approved, including the subitem (18). Regarding 'the FIR to the FRS category conversion' of five Students mentioned in the subitems (17) and (19), the Senate approved their PhD category conversion under the special case consideration after deliberating the concerning parts of the existing and proposed categories. This consideration would not be treated as a 'precedence'	

	for future category conversion cases. Subitems (20)-(27) were approved.													
Res. 6	Resolved that the Semester activities of the B.Tech. and M.Sc. final year Academic Programmes, Autumn Semester, AY 2021-22 be noted and approved. Students were allowed to opt the Semester activities (theory, practical and project preliminary and Dissertation preliminary) in the month of February, 2022 in case of their nonreporting at the Institute.	Noted and implemented												
Res. 7	It is resolved that the actions taken on the 53rd meeting of the Institute Academic Advisory Committee (IAAC) held on 10th January, 2022 be noted and approved. It was decided in the IAAC that the revised mode of the Semester activities of the Academic Programmes of the Institute is 'online' until further notification.	Noted and implemented												
Res. 8	<p>To approve refund rules for UG/PG/PhD programmes, who have cancelled/discontinued /not reported to the Institute.</p> <table border="1"> <thead> <tr> <th>Sr. No.</th><th>Withdrawn / discontinued</th><th>Amounts to be refunded</th></tr> </thead> <tbody> <tr> <td>1</td><td>Students, who did not report for the admission</td><td>Excess amount if any will be refunded after deducting the tuition fees, other fees and admission fee</td></tr> <tr> <td>2</td><td>Students, withdrawn within one month of closing of admission</td><td>Institute development contribution+ security deposit + seat rent</td></tr> <tr> <td>3</td><td>Students, withdrawn after one month of closing of admission</td><td>Only security deposit</td></tr> </tbody> </table>	Sr. No.	Withdrawn / discontinued	Amounts to be refunded	1	Students, who did not report for the admission	Excess amount if any will be refunded after deducting the tuition fees, other fees and admission fee	2	Students, withdrawn within one month of closing of admission	Institute development contribution+ security deposit + seat rent	3	Students, withdrawn after one month of closing of admission	Only security deposit	Implemented
Sr. No.	Withdrawn / discontinued	Amounts to be refunded												
1	Students, who did not report for the admission	Excess amount if any will be refunded after deducting the tuition fees, other fees and admission fee												
2	Students, withdrawn within one month of closing of admission	Institute development contribution+ security deposit + seat rent												
3	Students, withdrawn after one month of closing of admission	Only security deposit												
Res. 9	<p>To discuss about the arrangement of a one-semester internship industrial training in the curriculum of the B.Tech. programme.</p> <p>Discussed and adopted an arrangement of a one-semester industrial internship training within the curriculum of the B Tech programmes of the Institute. The resolution has two parts. First part: the Training and Placement Section of the Institute would co-ordinate with the Academic Departments of the Institute and the Industries imparting trainings to the B Tech students for the associated internship requirements.</p> <p>Secondly, the Senate approved the following as well.</p> <p>(i) the total credit strength of the afore-said internship training is 10 (ten) within the scheme of the '8th (eighth)' semester of the B Tech Programme. That would be effective from the eighth Semester of the Academic year 2023-24 onwards. Embedding a one-semester internship trainings would preserve the total credit requirement (range: 180-186 credits) to earn the B Tech degree programme of the Institute (reference: page 8, section 11.3</p>	Noted. Engineering Academic Departments have revised their B.Tech. Curriculum to include one-semester internship industrial training. (Reso. 2 of the meeting of the 55 <sup>th</sup> IAAC held on 25 April, 2022)												

	<p>of the Academic Regulation).</p> <p>(ii) The Academic Departments of the Institute would complete revisions in the existing 'B Tech curriculum' with the addition of the internship by June 2022 to meet the requirements of the step (i) of the resolution. The mechanism for revisions in the curriculum would be devised by the Academic Departments by giving considerations to inclusivity and completeness in every curriculum component as well as participations of the stake holders of the B Tech programmes.</p> <p>(iii) The presentations of the Academic Departments on their respective revised curriculum would be arranged in future meetings of the Senate meetings after the completion of the step (ii) of the resolution.</p> <p>The Training and Placement Section of the Institute would co-ordinate with the Academic Departments of the Institute and the Industries imparting trainings to the B Tech students for the associated internship requirements.</p>	
Res. 10	<p>About the consideration of report on the creation of Post-Doctoral Fellowships in the Institute.</p> <p>The Senate deliberated the findings of the report. The Senate agreed with the following.</p> <p>The criteria for the calculation of the permissible strength of Post-Doctoral Fellowships (PDFs) at any point of time are as follows. (i) The minimum PDF strength associated with each Department is one (1). (ii) For the regular Faculty strength <math>N</math> of the Department, i.e. <math>N \geq 15</math>, the number <math>n</math> of PDFs with the Department is <math>N/15</math> with rounding inclusively. (iii) The maximum number of PDFs associated with the Institute is twenty (20).</p> <p>The Senate recommends the Board for the consideration of the budgetary arrangement of the Fellowship under the Institute grant (OH 31)/the IRG or the arrangement within the Annual Budget of the Institute as they deem fit. As per GoI norms, the reservation would be applicable as well.</p> <p>SVNIT PhD degree holders are discouraged from the Post-Doctoral Fellowship of the Institute with the following exception. "Minimum 'one-year post-PhD research experience' gained by the Candidate from the Institutions other than the SVNIT. That research experience would demonstrate the quality research output in terms of publications agreeable with the thrust areas of the Department".</p>	Noted and forwarded to the BoG for its considerations.
Res.11	<p>About the registration of the SVNIT with the Academic Bank of Credits (ABC).</p> <p>The ABC is a national-level facility to promote flexibility of curriculum framework and interdisciplinary or multidisciplinary academic mobility of students across Higher Education Institutions (HEIs). The Academic Bank of Credits is a bank for academic purposes similar to the</p>	Registration on the National Portal was completed.

	<p>commercial bank for financial purposes. The ABC provides the student opportunities to be academic account holder, where the student would be able to accumulate, verify and transfer credits etc.</p> <p>The Senate appreciated the concept of the ABC for enabling the mobility of Students and curriculum flexibility. The Senate approved the following.</p> <p>(i) The SVNIT would apply for its registration with the ABC at <a href="https://www.abc.gov.in/">https://www.abc.gov.in/</a></p> <p>(ii) The Academic Departments would prepare their respective Academic Credit Database to meet the requirement of the ABC. Regarding this, the Academic Department would prepare the list of Courses with their complete descriptions by June 2022 in time-bound manner towards their availability for crediting under the aegis of the ABC. Progresses made by the Institute towards the ABC would be the part of discussions in future meetings of the Senate.</p>	
Res.12	<p>To frame the rules &amp; regulations in terms of the SVNIT Faculty to act as external supervisor/co-supervisor for the students of other Institutions.</p> <p>The Senate deliberated the findings of the report. The Senate made a revision in the point VII of the report. The revision of the Senate is as follows.</p> <p>Credits would be given considerations for the external supervision done by the SVNIT Faculty. 'No special credit will be earned by the SVNIT Faculty for supervising Students of an external Institute' is omitted. The Senate recommended the Board for its considerations.</p>	Noted and forwarded to the BoG for its considerations.
Res.13	<p>About the Ph.D. admission statistics of the Spring Semester of the AY 2021-22.</p> <p>It was discussed and agreed in the Senate that the 35-percentile criterion is 'not applicable' for the 'Section' of the Academic Department, where the number of applicants appearing in the written test is 'five or less'. On the other hand, for the case with 'more than the five applicants' appearing in the written test, the 35-percentile criterion is 'applicable'. Furthermore, the publication of PhD admission notices in Newspapers was agreed.</p>	Noted
Res.14	<p>To decide the Faculty Cadres and modalities for choosing the Senate representatives for the membership of the Board of Governors of the SVNIT.</p> <p>The members deliberated on the issue. It was noted that the existing representation is from Professor and Associate Professor Cadres. The nominations are to be made on rotation basis for a period of 2 years. As per NIT Act rule 11(f), one Professor and one Assistant Professor or a Lecturer of the Institute to be nominated by the Senate. The designation of Assistant Professor is to be modified to Associate Professor and Lecturer to be modified to</p>	Dr. Namrata Jariwala (Assistant Professor, DoCE) and Prof. H. K. Raval (Professor (HAG), DoME) were nominated as the Senate nominees to the BoG of SVNIT, Surat. (Ref.:No.E/141/1356, 5 <sup>th</sup> February, 2022)

	<p>Assistant Professor as per New Recruitment Rules of NIT. After deliberations, it was resolved that a Committee of the following be constituted for inviting the applications from Professor and Associate Professor or Assistant Professor faculty cadres (Professor, Associate Professor, Assistant Professor). The Committee would recommend three names from each cadre to the Chairman Senate for taking the final decision in nominating the members to the BoG as representative of the Senate from the Institute:</p> <p>(a) Prof. C. D. Modhera, Dean (FW): Chairperson</p> <p>(b) Prof. S. K. Budhwar: Member</p> <p>(c) Prof. Ashish Panchal: Member</p>	
--	---	--

**Annexure 3**  
**(Minutes of 54th meeting of the Senate)**

The item was discussed and resolved. The IAAC agreed with the following updated arrangements for the Semester activities of the AY 2021-22.

Sr. No.	Classes	Reporting Date(s)	COVID protocol requirements	Teaching	MID Semester Examination	End Semester Examination
1	M.Tech. 4th Semester and Ph.D. (Second year onwards)	On or before February 26, 2022	1. Proof of two-doses vaccination, 2. valid RTPCR and "RAT (Rapid Antigen Test) at the designated place of the Institute	Offline Semester activities (as applicable) w.e.f. February 28, 2022		
2	B.Tech. 8th Semester, M.Sc. 10th Semester, M.Tech. 2nd Semester and Ph.D. 1st Year	On or before February 26, 2022	1. Proof of two-doses vaccination, 2. valid RTPCR and "RAT (Rapid Antigen Test) at the designated place of the Institute	1. Online classes prior to its mid-semester  2. Offline classes (March 14, 2022 onwards).	Online (7th to 12th March 2022)	Offline (dates mentioned in the Academic Calendar)
3	B.Tech. 4th and 6th Semesters, M.Sc. 4th, 6th and 8th Semesters	On or before March 20, 2022	1. Proof of two-doses vaccination, 2. valid RTPCR and "RAT (Rapid Antigen Test) at the designated place of the Institute	1. Online classes prior to March 28, 2022 2. Offline classes (March 28, 2022 onwards)	Online from 7th to 12th March 2022	Offline (dates mentioned in the Academic Calendar)
4	B.Tech. 2nd Semester and MSc 2nd Semester	On or before April 6, 2022	1. Proof of two-doses vaccination, 2. valid RTPCR and "RAT (Rapid Antigen Test) at the designated place of the Institute	Offline classes (April 11, 2022 onwards)	Offline	Offline
5	B.Tech. 1st Semester and MSc 1st Semester	-	-	Online	Online	Online

(a) Respective Makeup tests would be in the offline mode.

(b) From February 21, 2022 onwards, the day Scholars of B. Tech. 8<sup>th</sup> Semester, M.Sc. 10<sup>th</sup> Semester, M.Tech. 4<sup>th</sup> Semester and Ph.D. (second year onwards) are allowed to access the laboratories.

**Annexure4 (Minutes of 54<sup>th</sup> meeting of the Senate)**

**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT**  
**ACADEMIC CALENDAR FOR THE ACADEMIC YEAR 2022-23 as approved in 54<sup>th</sup> Meeting of the Senate**  
**AUTUMN SEMESTER (ODD SEMESTER)**

Activity	(...th) Week	Duration
Pre-registration	-	June 10 (Fri)- June25 (Sat.), 2022
1. Payment of fee and registration	-	June 27 (Mon)-July 29 (Fri), 2022
2. Last date of the PhD Research Progress Seminar of the Spring Semester of the A.Y. 2021-22	-	July 29 (Fri), 2022
3. Commencement of teaching*	1	July 25 (Mon), 2022 Aug. 08 (Mon), 2022 for B.Tech.-IIIndyear and M.Sc.-IIIndyear
4. Last date of payment of fee and registration with fine	3	Aug. 12 (Fri), 2022
5. Supplementary/ Backlog examinations (even and odd Semesters) of B.Tech. 1 <sup>st</sup> and M.Sc. 1 <sup>st</sup> programmes of the A.Y. 2021-22)	-	Aug. 29 (Mon)-Sept.10 (Sat.), 2022
6. Mid Semester Examinations	10	Sept. 26 (Mon)-Oct.01(Sat.) 2022
	10-11	Sept. 26 (Mon)-Oct.08(Sat.) 2022for B.Tech.-IIInd&B.Tech.-IIIndyear. Students of Minor Program
7. PhD comprehensive assessment of the Spring Semester of A.Y. 2021-22	-	Sept. 26 (Mon)- Oct. 01 (Sat.), 2022
8. Autumn fest	12	Oct. 14 (Fri)- Oct.15 (Sat), 2022
9. Diwali break for Faculty and Students	14	Oct. 24 (Mon)- Oct. 28 (Fri), 2022
10. Submission of the XX grades	17	Nov. 18 (Fri), 2022
11. Makeup tests for Mid-Sem& Practical Examinations	18	Nov. 21 (Mon)-Nov. 26 (Sat.), 2022
12. Last day of teaching	18	Nov. 25 (Fri), 2022
13. End Semester Examinations	19	Nov. 28 (Mon)-Dec. 03 (Sat), 2022
	19-20	Nov. 28 (Mon)-Dec 10, 2022 (Sat) for B.Tech.-IIInd&B.Tech.-IIIrd year Students of Minor Program
Last date of conducting the credit seminar of PhD programmes (Will vary depending upon M.Tech-I year Calendar)	19	Dec. 03 (Sat), 2022
14. Assessment and display of marks	19-21	Nov. 29 (Tue)-Dec. 16 (Fri), 2022
15. Project (UG) / Dissertation (PG) preliminaries	20	Dec. 05 (Mon)-Dec. 09 (Fri), 2022
16. Ph.D./M.Tech. (R) written test/interview	21	Dec. 12 (Mon)-Dec. 13 (Tue), 2022
17. Last date of the submission of Grade Sheets to the Examination Section	21	Dec. 16 (Fri), 2022
18. Educational tours (Preferably)	21	Dec. 12 (Mon)-Dec. 16 (Fri), 2022
19. Declaration of results	22-23	Dec. 19 (Mon) 2022-Dec. 30 (Fri), 2022
20. Vacation for UG Students	22-23	Dec. 19 (Mon) 2022- Dec. 30 (Fri), 2022
21. Vacation for Faculty	23	Dec. 26 (Mon) 2022-Dec. 30 (Fri), 2022
22. Commencement of the next Semester	24	Jan. 02 (Mon), 2023

\*The dates may vary for new entrants.

**SPRING SEMESTER (EVEN SEMESTER)**

Activity	(...th) Week	Duration
Pre-registration	-	Nov. 14 (Mon.) 2022-Dec. 02 (Fri), 2022
1. Payment of fee and registration	-	Dec. 19 (Mon), 2022-Jan. 16 (Mon), 2023
2. Last date of the PhD Research Progress Seminar of the Autumn Semester of the A.Y. 2022-23	-	Jan. 16 (Mon), 2023
3. Commencement of teaching	1	Jan. 02 (Mon), 2023
4. Last date of registration with fine	3	Jan. 20 (Fri), 2023
5. Supplementary Examinations (odd and even Semesters)	6-7	Feb. 06 (Mon)-Feb. 18 (Sat), 2023
6. Mindbend and Sparsh	8	Feb 23 (Thu)-Feb 26 (Sun), 2023
7. Mid Semester Examinations	10	Mar 06 (Mon)-Mar 11 (Sat), 2023
	10-11	Mar 06 (Mon)-Mar 18 (Sat), 2023for B.Tech.-IIInd&B.Tech.-IIInd year Students of Minor Program
8. PhD comprehensive assessment of the Autumn Semester of A.Y. 2022-23	-	Mar. 27 (Mon)-Apr. 01 (Sat.), 2023
9. Submission of XX grades	16	April 20 (Thu), 2023
10. Makeup tests for the Mid Semester& Practical Examinations	17	April 24 (Mon)-April 29 (Sat), 2023
11. Last day of teaching	17	April 28(Fri), 2023
12. End Semester Examinations	18	May 01 (Mon)-May 06 (Sat), 2023
	18-19	May 01 (Mon)-May 13 (Sat), 2023 for B.Tech.-IIInd& B.Tech.-IIIrdyear Students of Minor Program
13. Last date of conducting the credit seminar of PhD programmes	18	May 06 (Sat), 2023
14. Assessment and display of marks	18-20	May 02 (Tue)-May 19 (Fri), 2023
15. Project Examinations	19	May 08 (Mon)-May 12 (Fri), 2023
16. Last date of the submission of Grade sheets to the Examination Section	21	May 22 (Mon), 2023
17. Vacation for UG Students	20-28	May 15 (Mon)-July 14 (Fri), 2023
18. Vacation for Faculty	21-28	May 22 (Mon)-July 14 (Fri), 2023
19. Declaration of results	21-22	May 22 (Mon)-June 02 (Fri), 2023
20. Ph.D./M.Tech. (R) written test/interview	26	June 26 (Mon)-June 27 (Tue), 2023
21. Supplementary Examinations (even and odd Semesters)	28-29	July 10 (Mon)-July 22 (Sat), 2023
22. Commencement of the next Academic Year	30	July 24 (Mon), 2023
23. Last date of the submission of the M. Tech.Dissertationsand M.Sc.Dissertations	-	June 16 (Fri), 2023
24. Last date of conducting the M.Tech. Dissertationsand M.Sc. Dissertations viva-voce of AY 2022-23	-	July 28 (Fri), 2023

  
**Dean (Academic)**



**The Saturday Teaching Schedule for B.Tech.-1st Year and**  
**M.Sc. –1st Year (2<sup>nd</sup> Semester)**  
**(Spring Semester of AY 2021-22)**

The following Saturdays will be 'working Saturdays' and teaching (classes) will be conducted as per the time table mentioned below.

<b>Sr. No.</b>	<b>Date</b>	<b>Time table to be followed</b>
1.	07-05-2022 (Saturday)	Time table of Monday
2.	14-05-2022 (Saturday)	Time table of Tuesday
3.	21-05-2022 (Saturday)	Time table of Wednesday
4.	28-05-2022 (Saturday)	Time table of Thursday
5.	11-06-2022 (Saturday)	Time table of Friday
6.	18-06-2022 (Saturday)	Time table of Monday
7.	25-06-2022 (Saturday)	Time table of Tuesday
8.	02-07-2022 (Saturday)	Time table of Wednesday
9.	09-07-2022 (Saturday)	Time table of Thursday
10.	16-07-2022 (Saturday)	Time table of Friday





**The Saturday Teaching Schedule for B.Tech.-II<sup>nd</sup> Year and**  
**M.Sc. -II<sup>nd</sup> Year (3<sup>rd</sup> Semester)**  
**(Autumn Semester of AY 2022-23 )**

The following Saturdays will be 'working Saturdays' and teaching (classes) will be conducted as per the time table mentioned below.

<b>Sr. No.</b>	<b>Date</b>	<b>Time table to be followed</b>
1.	13-08-2022 (Saturday)	Time table of Monday
2.	27-08-2022 (Saturday)	Time table of Tuesday
3.	03-09-2022 (Saturday)	Time table of Wednesday
4.	10-09-2022 (Saturday)	Time table of Thursday
5.	17-09-2022 (Saturday)	Time table of Friday
6.	15-10-2022 (Saturday)	Time table of Monday
7.	29-10-2022 (Saturday)	Time table of Tuesday
8.	05-11-2022 (Saturday)	Time table of Wednesday
9.	12-11-2022 (Saturday)	Time table of Thursday
10.	19-11-2022 (Saturday)	Time table of Friday



**Institute Elective Course**

**Research Methodology (GN 900)**

L	T	P	C
4	0	0	4

**Course Outcomes:** *At the end of the course, students will be able to*

- CO1 formulate a research problem and design for the given specialisation with good research ethics.
- CO2 perform statistical analysis of the sample data collected using different sampling techniques to attain insightful inferences.
- CO3 evaluate different continuous and discrete probability distributions.
- CO4 analyse univariate and multivariate data using different techniques.
- CO5 apply hypothesis testing techniques using different sampling distributions/tests.
- CO6 compile information to prepare an effective research report in complementary to hands-on experience of statistical software

- **Introduction:** Meaning of research; Types of research, Steps involved in research process; Criteria of good research; Research methods versus-methodology; Problems encountered by researchers; Ethics in research, importance of ethics, research misconducts, codes and policies for research ethics, Introduction to Intellectual Property Rights (IPR). **(6 Hours)**
- **Research Problem and Research Design:** Selecting the research problem; Steps involved in defining a research problem (with illustrations); Need for research design; Types of research designs; Basic principles of experimental designs; Informal and formal experimental designs; Taguchi's design of experiments. **(8 Hours)**
- **Sampling Design and Sampling Fundamentals:** Need for sampling; Steps in sampling design; Different types of sample designs; Complex random sampling designs; Important sampling distributions (of mean, proportion, t-, F-, and Chi-square distribution), Central limit theorem; Concept of standard error; Estimating population mean and proportion; Determination of sample size through confidence level; probability estimation and probability distributions. **(7 Hours)**
- **Measurement and Scaling Techniques:** Measurement scales, Sources of error; Tests of measurement (for validity, reliability and practicality); Scaling; Important scaling techniques; Scale construction techniques; Fuzzy scales developments. **(6 Hours)**
- **Data Collection Methods, Processing and Analysis of Data:** Methods for collection of primary and secondary data; Selection of appropriate data

collection method; Collection of data through questionnaires and schedules; Design of questionnaires; Other methods of data collection; Data processing operations; Statistics in research; Measures of central tendency; dispersion, asymmetry; Measures of relationship: Bivariate population-Spearman's and Pearson's coefficients of correlation, simple regression analysis; Multivariate population-coefficient of multiple correlation, multiple regression analysis (with examples); Analysis of Variance (ANOVA)- setting up ANOVA table; one-way and two-way ANOVA; Important methods of factor analysis (centroid method, principal components method, maximum likelihood method), Panel data analysis, Time series analysis and applications, Simulation-based experiments, Reliability analysis and applications. **(13 Hours)**

- **Testing of Hypotheses-I and II:** Basic concepts concerning testing of hypotheses; Important parametric tests (z, t, F, and Chi-square tests); Hypothesis testing of means, for differences between means, for comparing two related samples, of proportions, for difference between proportions, for comparing a variance to some hypothesized population variance; Hypothesis testing of correlation coefficients; Important nonparametric or distribution-free tests (sign test, Wilcoxon test, rank-sum test, Kendall's coefficient, etc.). **(8 Hours)**
- **Statistical Software:** Brief introduction to different commercially available software packages; such as Minitab, SPSS, M S Excel, and R language. **(4 Hours)**
- **Interpretation of Results, Report Writing and Presentation:** Meaning of interpretation of results; Steps of interpretation; Significance of report writing; Types of reports; Use of Mendeley for literature review, Different steps in report writing; Structure of the research report; Precautions for writing research reports; Oral presentation. **(4 Hours)**

**Total contact hours = 56**

#### **Books Recommended:**

1. C. R. Kothari and G. Garg. Research Methodology: Methods and Techniques, 4<sup>th</sup> Edition, New Age International, 2019.
2. R. A Johnson. Probability and Statistics for Engineers, 9<sup>th</sup> edition, Pearson Education Limited, UK, 2018.
3. R. Pannerselvam. Research Methodology, 2<sup>nd</sup> Edition, PHI Learning, 2014.
4. N. Walliman. Research Methods: The Basics, Routledge, 2011.
5. D. Napoleon and B. B. S. Narayanan. Research Methodology – As Theoretical Approach, Laxmi Publications, 2014.
6. H. S. Asthana and B. Bhushan. Statistics for Social Sciences (With SPSS Applications), 2<sup>nd</sup> Edition, PHI Learning, 2016.