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 Ahmmed, 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

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(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:

Item1	**To confirm the minutes of the 51st meeting of the Senate held on 7th September, 2021.** ***Annexure I***
Res. 1	Confirmed.
Item 2	**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***
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 the 51st 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.
Item3	**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***
Res. 3	Confirmed.
Item 4	**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***

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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	**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.** **Link:** : https://www.svnit.ac.in/Data/minutes/iaac/52nd%20IAAC%20Minutes.pdf

(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

		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 enrouted 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 *in effect*) 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

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	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.
	The IAAC agreed with the timeline proposed in the **Annexure V**. In addition to this, the Department of Civil Engineering would apply for the accreditation of the sixth PG programme after the *application* of the five PG programmes. 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. **Annexure V.**
(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.
	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.

Year	**Reporting period at the Institute**	Quarantine period at the Institute*
B.Tech. (6th Semester) M.Sc. (6th Semester), M.Sc. (8th Semester)	**December 13-17, 2021**	December 13-23, 2021
B.Tech. (4th Semester), and M.Sc.(4th Semester)	**December 23-27, 2021**	December 23, 2021- January 02, 2022

* Self-isolation period is subject to variation.

Regarding the above, the Spring Semester teaching begins from January 3, 2022 and its XX grade stands applicable (Reference: Academic Calendar 2021-22).

(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.
	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 **(Annexure VI)**. 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 *offline* 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

		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	(i) The Senate approved the subitems listed in serial orders (1)-(11). (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. (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. (iv) Subitems (20)-(27) were approved.
Item 6	**To note and approve the Semester activities of the B.Tech. and M.Sc. final year Academic Programmes, Autumn Semester, AY 2021-22.**
Res. 6	Noted and approved.
Item 7	**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.** Link: https://www.svnit.ac.in/Data/minutes/iaac/DOC100122-10012022172841.pdf 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	**To approve refund rules for UG/PG/PhD programmes, who have cancelled/discontinued /not reported to the Institute.**

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

		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	**To discuss about the arrangement of a one-semester internship industrial training in the curriculum of the B.Tech. programme** 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.
Res. 9	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. Secondly, the Senate approved the following as well. (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 Regaulation). (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. (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.
Item 10	**About the consideration of report on the creation of Post-Doctoral Fellowships in the Institute.** The report is with the ***Annexure VII***.
Res. 10	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 $N$of the Department, i.e. $N \geq 15$, the number n of PDFs with the Department is $N/15$ with rounding inclusively. (iiii) The maximum number of PDFs associated with the Institute is twenty (20). *Example* 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. The Senate recommends the Board for the consideration of the budgetary arrangement of the

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	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. The Senate made a revision regarding point (2e) of the Committee report. 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 thurst areas of the Department".
Item 11	**About the registration of the SVNIT with the Academic Bank of Credits (ABC)** 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. The Senate is requested to allow the registration of the SVNIT with the ABC. Please visit https://www.abc.gov.in/
Res. 11	The Senate appreciated the concept of the ABC for enabling the mobility of Students and curriculum flexibility. The Senate approved the following. (i) The SVNIT would apply for its registration with the ABC at https://www.abc.gov.in/ (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.
Item 12	**To frame the rules & regulations in terms of the SVNIT Faculty to act as external supervisor/co-supervisor for the students of other Institutions.** ***Annexure VIII.***
Res. 12	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. 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.
Item 13	**About the Ph.D. admission statistics of the Spring Semester of the AY 2021-22.**

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

	<table><tr><td>**Ph.D. Admission Category**</td><td>FIR</td><td>FRS</td><td>FSC</td><td>PIS</td><td>FPS</td><td>PEC</td><td>FSF</td><td>FSL</td><td>Total</td></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> *Under the FIS Category for the ICCR Scholars, two admissions were offered (The Department of Civil Engineering and Department of Chemistry)
Res. 13	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.
Item 14	**To decide the Faculty Cadres and modalities for choosing the Senate representatives for the membership of the Board of Governors of the SVNIT.** 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. *Reference: Resolution 6, 46th meeting of the Senate, January 6, 2020*
Res. 14	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: (a) Prof C D Modhera, Dean (FW): Chairperson (b) Prof S K Budhwar: Member (c) Prof Ashish Panchal: Member

The meeting ended with the thanks to the Chair.

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REGISTRAR
SECRETARY – SENATE

RVRao

DIRECTOR 05.02.2022
CHAIRMAN - SENATE

Annexure I

SARDAR VALLABHBHAI
NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

Date: 06/10/2021

Minutes of the 51st meeting of the Senate

The aforesaid meeting of the SVNIT Senate was held on September 07, 2021, 03:00 p.m. onwards in the Conference room of Department of Electronics Engineering, SVNIT Surat. The following members were present in the meeting.

(1) Dr. S. R. Gandhi, Professor & Director, SVNIT, Surat	: Chairman
(2) Dr. P. L. Patel, Professor & Deputy Director, SVNIT, Surat	: Member
(3) Dr. Chebrolu Pulla Rao, Professor, CD, IIT Tirupati	: External Member
(4) Dr. Gajendra Kumar Adil, Professor, SJMSM, IIT Bombay	: External Member
(5) Dr. G. Bhuvaneshwari, Professor, EED, IIT Delhi	: External Member
(6) Dr. S. N. Sharma, Prof. & Dean (Academic) SVNIT, Surat	: Member
(7) Dr. R. Venkata Rao, 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, CED, SVNIT, Surat	: Member
(11) Dr. M. A. Zaveri, Prof. & Head, CoED, SVNIT, Surat	: Member
(12) Dr. R. Chudamani, Prof. & Head, EED, SVNIT, Surat	: Member
(13) Dr. Jyotirmay Banerjee, Prof. & Head, MED, SVNIT, Surat	: Member
(14) Dr. J. N. Patel, Professor, CED, SVNIT, Surat	: Member
(15) Dr. C. D. Modhera, Professor, CED, SVNIT, Surat	: Member
(16) Dr. A. K. Desai, Professor, CED, SVNIT, Surat	: Member
(17) Dr. C. H. Solanki, Professor, CED, SVNIT, Surat	: Member
(18) Dr. S. A. Vasanwala, Professor, CED, SVNIT, Surat	: Member
(19) Dr. S. M. Yadav, Professor, CED, SVNIT, Surat	: Member
(20) Dr. R. A. Christian, Professor, CED & BoG Member, SVNIT, Surat	: Member
(21) Dr. P. G. Agnihotri, Professor, CED, SVNIT, Surat	: Member
(22) Dr. M. Mansoor Ahammed, Professor, CED, SVNIT, Surat	: Member
(23) Dr. Rakesh Kumar, Professor, CED, SVNIT, Surat	: Member
(24) Dr. K. A. Chauhan, Professor, CED, SVNIT, Surat	: Member
(25) Dr. Z. V. P. Murthy, Professor, ChED, SVNIT, Surat	: Member
(26) Dr. P. A. Parikh, Professor, ChED, SVNIT, Surat	: Member
(27) Dr. M. Chakraborty, Professor, ChED, SVNIT, Surat	: Member
(28) Dr. M. Mukhopadhyay, Professor, ChED, SVNIT, Surat	: Member
(29) Dr. J. K. Parikh, Professor, ChED, SVNIT, Surat	: Member
(30) Dr. U. D. Dalal, Professor, ECED, SVNIT, Surat	: Member
(31) Dr. J. N. Sarvaiya, Professor, ECED, SVNIT, Surat	: Member
(32) Dr. Anandita Chowdhury, Professor, EED, SVNIT, Surat	: Member
(33) Dr. A. K. Panchal, Professor, EED, SVNIT, Surat	: Member
(34) Dr. V. A. Shah, Professor, EED, SVNIT, Surat	: Member
(35) Dr. H. K. Raval, Professor, MED, SVNIT, Surat	: Member
(36) Dr. K. P. Desai, Professor, MED, SVNIT, Surat	: Member
(37) Dr. A. A. Shaikh, Professor, MED, SVNIT, Surat	: Member
(38) Dr. Shailendra Kumar, Professor, MED, SVNIT, Surat	: Member
(39) Dr. T. N. Desai, Professor, MED, SVNIT, Surat	: Member
(40) Dr. A. K. Shukla, Professor, AMHD, SVNIT, Surat	: Member
(41) Dr. V. H. Pradhan, Professor, AMHD, SVNIT, Surat	: Member
(42) Dr. Neeru Adlakha, Professor, AMHD, SVNIT, Surat	: Member

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(43) Dr. Smita Jauhari, Professor, DoC, SVNIT, Surat	: Member
(44) Dr. P. V. Timbadia, Dean (A&RG), SVNIT, Surat	: Invitee
(45) Dr. Ravi Kant, Dean (Students' Welfare), SVNIT, Surat	: Invitee
(46) Dr. C. M. Patel, Asso. Prof. & Head, ChED, SVNIT, Surat	: Invitee
(47) Dr. P. N. Patel, Asso. Prof. & Head, ECED, SVNIT, Surat	: Invitee
(48) Dr. J. M. Dhodiya, Asso. Prof. & Head, AMHD, 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) Dr. H. R. Jariwala, Asso. Prof. & Asso. Dean (Academic) SVNIT, Surat	: Invitee
(52) Dr. R. D. Shah, Asso. Prof. & Asso. Dean (Academic) SVNIT, Surat	: Invitee
(53) Dr. Vipul Kheraj, Asso. Prof. & Asso. Dean (FW) SVNIT, Surat	: Invitee
(54) Dr. Y. D. Patil, Asso. Prof. & Asso. Dean (P&D), SVNIT, Surat	: Invitee
(55) Dr. S. S. Arkatkar, Asso. Prof. & Asso. Dean (P&D), SVNIT, Surat	: Invitee
(56) Dr. K. D. Yadav, Asso. Prof. & Asso. Dean (R&C) SVNIT, Surat	: Invitee
(57) Dr. H. B. Mehta, Asso. Prof. & Asso. Dean (R&C), SVNIT, Surat	: Invitee
(58) Dr. S. R. Patel, Asso. Prof. & Asso. Dean (SW) SVNIT, Surat	: Invitee
(59) Dr. P. V. Bhale, Asso. Prof. MED & BoG Member SVNIT, Surat	: Invitee
(60) Shri Amit C. Patel, I/c. Dy. Registrar (Academic), SVNIT, Surat	: Invitee
(61) Shri M. K. Manglam, Asst. Registrar (Academic), SVNIT, Surat	: Invitee
(62) Mr. Shah Heemin Ketankumar, Students General Secretary, SVNIT, Surat	: Invitee
(63) Ms. Bhavna Dilip Matwani, Academic Affairs Secretary, SVNIT, Surat	: Invitee
(64) Ms. Yamini Kabra, Research Innovation Affairs Secretary, SVNIT, Surat	: Invitee
(65) Dr. Pramod Mathur, Registrar, SVNIT, Surat	: Secretary

The leave of absence of the following members were noted.

(1) Dr. D. P. Vakharia, Professor, Mechanical Engineering Department, SVNIT, Surat
(2) Dr. K. N. Pathak, Professor, Department of Physics, SVNIT, Surat
(3) Dr. H. B. Mehta, Asso. Prof. & Asso. Dean (R&C) SVNIT, Surat.

Introduction by the Chairman

At the outset, the Chairman Senate warmly welcomed all the Members of the 51st meeting of the Senate. He especially welcomed the external members, Prof. G. Bhuvanshwari, Department of Electrical Engineering (IIT Delhi), Prof. Gajendra Kumar Adil of S. J. Mehta School of Management (IIT Bombay) and Prof. C. P. Rao, Department of Chemistry (IIT Tirupati). He also briefed the members that Prof. Pranab Mahapatra has completed his term as a Senate Member. He appreciated the role of Professor Mahapatra and the support as well as guidance provided by him. He also welcomed Ms. Bhavna Dilip Matwani (Secretary, Academic Affairs), Mr. Heemin Shah (General Secretary), and Ms. Yamini Kabra (Research and Innovation Secretary), i.e. the newly elected Student representatives to the Senate. The Chairman briefed the Members about special achievements of the Faculty members that had been communicated by the Chairman through Email at the allstaff. That are detailed below.

1. Prof. C. H. Solanki (Civil Engineering) has been selected in a special committee of Government of Gujarat to review the requirements of "Tall Buildings".
2. Dr. U. P. Rao (Computer Science and Engineering) elevated to Senior Grade of IEEE membership for his significant contribution to the profession.
3. Dr. Srinivas Arkatkar (Civil Engineering) has been selected as a TUM Global Visiting Professor for the Year 2021 at the Technical University of Munich, Germany.
4. Dr. H. K. Dave has edited the book titled "*Fused Modelling based 3-D Printing*" published by Springer.
5. Dr. Srinivas Arkatkar (Civil Engineering) has been appointed as an Academic Editor in the Editorial Board of the *Journal of Advanced Transportation.*

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The Chairman requested the Student member representatives to present their views and thereafter they were excused from the remaining proceedings of the Senate. The representatives proposed the introduction of the extra credit arrangement within the existing curriculum framework, financial supports for the projects and Conference attendance, exchange programs with Foreign Universities and academic rehabilitation. Notably, the following were suggested.

(i) regarding the extra credit, the revised curricula of the B Tech and integrated MSc programmes are in effect since the Academic Year 2019-20. Interestingly, the revised curricula have the arrangement of B Tech in (....) with minor in (....) and B Tech (Honours) programmes with the requirement of earning extra credits in addition to the requisite standard credit requirement range. **An example for the illustration of 'B Tech in (...) with minor in (....)' is 'B Tech in Chemical Engineering with minor is Computer Science and Engineering'.**

(ii) In addition to available possible supports of the Institute, the students are encouraged to avail the Early Career Research schemes of the National Scientific Sponsoring Organizations, e.g. DST, CSIR, National Academy of Sciences and National Academy of Engineers. Those are aimed to provide the meaningful support for professional activities and career development of the young generation.

(iii) About exchange programmes, the Institute would adopt steps for signing MoUs between the Academic Departments of the SVNIT and corresponding Academic Departments of IIT Bombay. Besides this, it was agreed to arrive at agreements with the Foreign Universities by designing a defined mechanism to impart the globally competitive education to young generations. Regarding the weak Student case, it was suggested to make the parents of the student informed of the Academic Performance in a defined manner.

After listening to them and suggesting the above-mentioned mechanisms, the student members were excused from the remaining proceedings and the Dean (Academic) was requested to proceed with agenda items.

Items and resolutions

Item 1	**To confirm the minutes of the 50th meeting of the Senate held on 19th May, 2021.** *Annexure I*
Res. 1	Confirmed.
Item 2	**To note and approve the actions taken on the resolutions adopted in the 50th meeting of the Senate held on 19th May, 2021 in the online mode.** *Annexure II*
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 50th meeting of the Senate.
Item 3	**To ratify resolutions adopted in the 11th meeting of the Standing Executive Committee of the Senate held on 15th June, 2021.** **Links:** https://www.svnit.ac.in/Data/minutes/sec/11th%20SEC%20Minutes.pdf https://www.svnit.ac.in/Data/minutes/iaac/49th%20IAAC%20Minutes.pdf That are as follows: (1)To consider the ICCR Brochure (with the effect from the Academic year 2021-22) concerning the B Tech, M Tech and PhD programmes of the Institute.

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	The Brochure discusses the criteria and conditions for the admission of the ICCR scholars as well as academic regulations for the afore-said programs of the Institute. It was resolved and agreed to adopt the ICCR Brochure. Notably, the Institute has received impressive number of applications of the ICCR Scholars for the M Tech and PhD programmes of the Institute. ***Annexure III*** (2) About 'the upper limit' on the number of PhD Theses (FIR category) supervised by Assistant Professors recruited after July 2019 onwards. Concerning the above, it was agreed to assign the two FIRs (the upper limit) at every point for the non-sharing mode. Notably, the proportionate division calculation would be applied for the supervision shared by multiple Supervisors. The greater discussions can be found in the following two references as well. Reference: (i) resolution 2 of the 11th meeting of the Standing Executive Committee (ii) resolution 3 of the 49th IAAC meeting. (3) Regarding a reapplication of the Senate resolution (48.10) for the PhD students opted for the NPTEL courses. https://www.svnit.ac.in/Data/minutes/senate/48th%20senate%20Minutes.pdf It was discussed in the detail and agreed to reapply the Senate resolution (48.10) for the case, i.e. the NPTEL issuing pass grades based on the assignment part of the NPTEL courses to the Research Scholars of the first-year PhD programme of the Institute for the Spring semester part of the Academic Year 2020-21. (Resolution 11.3, the 11th meeting of the SEC of the Senate held on June 15, 2021).
Res. 3	Ratified.
Item 4	**To consider and adopt resolutions about the 'recommendations' made in the 51st meeting of the Institute Academic Advisory Committee (IAAC) held on 12th July, 2021.** Link: https://www.svnit.ac.in/Data/minutes/iaac/51st%20IAAC%20Minutes.pdf The recommendations are as follows. (1) The PhD category conversion, the FSF to the PEC, of Research Scholar Pankaj J. Gandhi (D18CE008) under the supervision of Professor P. G. Agnihotri. (2) An addition of a Supervisor, i.e. Dr. Jogender Singh (Department of Chemical Engineering), for the PhD supervision of Chappidi Srinivas (D20CE023) currently being supervised by Dr. Ankesh Kumar (Department of Civil Engineering Department). The IAAC suggested the DAAC of the 'Department of Civil Engineering' to submit a justification of the joint supervision arrangement citing a connection between the research directions of the proposed Supervisors 1 and 2 in the context of the joint PhD supervision. The justification is required for the procedural part. (3) An addition of a Supervisor, i.e. Dr. Vishisht Bhaiya (Department of Civil Engineering), for the PhD supervision of Niramal S. Mehta (D20CE029) currently being supervised by Dr. Kashyap A. Patel (Department of Civil Engineering Department). (4) Regarding a proposal for the introduction of B. Plan. Within the framework of the Department of Civil Engineering, the concerning DAAC was recommended to revisit the nomenclature of the proposed programme, consult similar programmes in the Institutes of Technology. That would be further considered in the future IAAC meetings. (Resolution 1, part (b), the 51st meeting of the IAAC)

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(5) Regarding the revised teaching schemes and the syllabi of the seven M Tech programmes of the Department of Civil Engineering. The following were resolved.

(i) To align the specific schemes and the syllabi of the above-mentioned M.Tech. Programmes agreeing with 'the generalized scheme of the M.Tech. programme'.

(ii) To incorporate the suggestions of the workshop Experts as well. (Resolution 1, part I, the 51st meeting of the IAAC)

(6) A rearrangement in the supervision of two PhD students (FIR category), 'Laxman Rathod (DS20CE017) and Yatirnjulu (D20CE014)'. Under the new arrangement, Dr. P.V. Timbadia would be the Supervisor with the supervision strength 0.5, where Dr. Bandita Barman would be the Co-supervisor. It was termed as the 'special case' considering the fact, i.e. 'Dr. Burman resigned from the SVNIT and the DAAC recommendation was submitted well in advance'. (Resolution 1, part (d), the 51st meeting of the IAAC)

(7) The category conversion, from the FIR to the FSF, of Research Scholar Praveen Barapatre (DS16CE008) working under the supervision of Professor J N Patel. In this regard, 'justifications in terms of the enhanced research productivity of the Candidate after the conversion from the FIR to the FSF' need submission, which is a requirement for the recommendation part. (Resolution 1, part I, the 51st meeting of the IAAC)

(8) The category conversion from the FIR to PIS of Dilay Parmar (DS17CO001), working under the Supervision of Dr. U. P. Rao. (Resolution 2, 51st meeting of the IAAC).

(9) About the July month Comprehensive examination of the year 2021, the minimum sixteen-credit requirement and the regular NPTEL examination postponement. The NPTEL minimum pass grade certificates were given considerations for the credit calculation related to the PhD course work requirement. This was recommended for the ratification of the Senate. (Resolution 3(1), the 51st meeting of the IAAC)

(10) Regarding the inclusion of SWAYAM course. It was resolved that the DAAC (Department of Mathematics and Humanities) would review the proposal. The DAAC would prepare baskets of Department electives and Institute electives under the broader areas of the subject Mathematics.

Existing Faculty expertise available with the Department in the proposed electives as well as reframing the scheme merit to be accounted for in this regard. (Resolution 3(2), the 51st meeting of the IAAC)

(11) Creation of the Post-Doctoral opportunities in all the three disciplines (Mathematics, English and Management).

In the 50th meeting of the Senate and the 51st meeting of the IAAC, it was agreed to introduce the Post-Doctoral opportunities for the research augmentation of the Institute.https://www.svnit.ac.in/Data/minutes/senate/50th%20SENATE_MINUTES.pdf It was decided in the 51st meeting of the IAAC that a Committee would ascertain the methods of hiring the Post-Doctoral Fellows (PDFs), allocations of vacancies within the Academic Departments of the Institute, assigning the Mentors, expectations from the Fellows, duration of their association with the Institute and their fellowships etc. The above creation is not restricted to the Department of Mathematics and Humanities, extended to other Academic Departments as well. The Committee report would be submitted to the consideration of the Senate. (Resolution 3 (3), the 51st meeting of the IAAC)

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(12) The category conversion from the FSF to the PEC, i.e. Parekh Krupali S. (D17EN001), working under the Supervision of Dr. Urvashi Kaushal. The PEC category conditions hold applicable after the conversion. (Resolution 3 (4), the 51st meeting of the IAAC)

(13) The category conversion from the PPF to the FSF, Jyotsnamayee (DS17CY003) working under the supervision of Dr. Rajendar Kumar (Supervisor) and Dr. S. K. Sahoo (Co-supervisor). It was recommended, but the reversal in the supervisory role, i.e. Dr. S K Sahoo (Supervisor) and Dr. Rajendar Kumar (Co-Supervisor). (Resolution 4 (1), the 51st meeting of the IAAC).

(14) A two-degree certificate arrangement, the first is graduation (BSc) and the second is post-graduation (MSc) after the sixth semester and tenth semester respectively, within the study of five-year integrated MSc programmes of the Institute. The IAAC suggested the requirement of aligning the schemes and syllabi of the first six Semesters of the integrated programme in agreement with 'the standard BSc programmes offered by the Universities and Colleges' and 'guidelines of the UGC' in this regard. The similar re-alignment of the integrated five-year MSc from the seventh semester onward is requisite as well. (Resolution 4 (2), the 51st meeting of the IAAC)

(15) Resolution 21 of the 34th meeting of the IAAC for the M Tech Interns. That stands applicable regarding the capping on M Tech interns strength. In this case, a comprehensive, forward-looking MoU discussing well-defined scientific collaborations would be signed between the SVNIT and the Industry. 'Industry Mentors' with the B. Tech. qualification for the M. Tech. interns are allowed, under exceptional cases subject to the careful review of CVs of the concerning Mentors. For this specific case, proven research credentials, e.g. in terms of publications, inventions and scientific reports authoring, of the Industry Mentors are the requisite. Recommended for the ratification of the Senate. (Resolution 5, the 51st meeting of the IAAC).

(16) A two-year M.Sc (Physics) programme and a four-year B.Tech. programme in Engineering Physics. The DAAC of the Department of Physics was suggested to revisit the proposal. Alternatively, it was encouraged to explore the possibility of potential M Tech programmes that would meet the societal expectations as well as fill the niche in the contemporary societal requirement. (Resolution 6, the 51st meeting of the IAAC).

(17) It was suggested to study 'an option of additional credit /audit courses for PhD Scholars during the gamut of the Research Progress Seminars' of the Learner (Research Scholar). (Resolution 7 (1), the 51st meeting of the IAAC).

(18) The *revised nomenclatures* of the two existing M Tech programmes, their revised schemes and syllabi and two new M Tech programmes within the framework of the Department of Electronics Engineering. It was recommended to adopt the *revised nomenclatures* of the two existing M Tech programmes of the Department of Electronics Engineering as stated in the IAAC resolution. It suggested the following:

(i) The Department would conduct two different workshops with the different compositions of the Experts associated with *the revised specialization nomenclatures*, i.e. 'Communication Technologies & Networks' and 'Microelectronics and VLSI Design'.

(ii) The resulting revised schemes and syllabi of the above-mentioned 'two M Tech programmes with the revised specialization nomenclatures' need 'agreement with the generalized scheme of the M. Tech. programmes' of the Institute and incorporating the suggestions of the workshop Experts.

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Regarding the two *new* proposed M. Tech. programmes in addition to 'the two *existing* M Tech programmes with their revised nomenclatures', the IAAC suggested the concerning DAAC the following. First, consideration of the revised schemes and syllabi of the above-mentioned two programmes with their revised specialization nomenclatures. Then, revisit to the two proposed new programmes, i.e. Signal Processing and Machine Learning, Integrated Circuits and Systems. Finally, the revisit needs the omission of overlapping parts between them *('Communication Technologies & Networks, Microelectronics and VLSI Design', 'Signal Processing and Machine Learning, Integrated Circuits and Systems')* as well as the calculation of the following:

Available concerning specialization expertise and available resources 'with the Department' and 'additions required' in the expertise and resources. That would be the subject of the future IAAC meeting discussions. (Resolution 7 (2), the 51st meeting of the IAAC)

(19) In terms of section (12.2) of Academic Regulations, Ketki Chintankumar Pathak (D14EC007) submitted the thesis. (Resolution 7 (3), the 51st meeting of the IAAC)

(20) The XX grade for the Autumn Semester teaching of the Academic Year 2021-22 would be applied. (Resolution 8, the 51st meeting of the IAAC).

(21) The Printer and UPS from the list of computer peripherals are omitted. The omission is with regard to the reimbursement of contingency expenses of M.Tech. and Ph.D. students. (Resolution 9, the 51st meeting of the IAAC).

(22) The non-payment of the Semester fee by three students was informed and noted. (Resolution 10, the 51st meeting of the IAAC).

(23) A clarity about the Makeup test: The first-year students, who appeared in the Mid semester examination, but aspire to reappear in the Makeup test, can score maximum 12 marks with the attempt of the question paper with the maximum marks 30. In addition to the above, the Makeup test detail can be found in the 'Academic Regulations 2013-14' (page 4, subsection 7.2 of section 7). (Resolution 11, the 51st meeting of the IAAC)

(24) A resolution about 'the Autumn Semester teaching mode and related parts' of the Academic Programmes of the Institute from the pandemic viewpoint'. For the Academic Year 2021-22, an adequacy of 'a reapplication of the resolution 9 (serial number 13) of the 48th meeting of the Senate was discussed. It was agreed to reapply. Thus, the mode of teaching for the above-mentioned semester teaching is online until further notifications. It was further agreed that the word 'proposed' of the afore-said resolution 9 needs replacement with the word 'resolved'. (Resolution 12, the 51st meeting of the IAAC)

(25) About clarity in the written part of the PhD admission test of the Institute.

(i) The written test and interview of the PhD admission process would be the section-specific. The question paper of the written test would be the specialization-based. The specialization-based question paper links to specialized programmes-major research areas. This is irrespective of the mode of examination.

(ii) The PhD admission has two components, i.e. the written and interview. For each component, fifty (50) is the maximum mark of the evaluation. The written test durations are two-hour and one-hour for the offline and online 'modes' respectively. For the both modes, questions would be the objective-type. The answer scripts of the written test and results (inclusive of the both components) would be submitted to the Academic Section records.

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	(iii) The written test marks are for the screening purposes only (section 2.2.2 (a), associated paragraph 2 of the Academic Regulations of the Doctoral Programmes, July 2019 onwards). The 35-percentile criterion would be calculated by considering the number of candidates appeared in the section-specific question paper. A discussion about the percentile calculation is with the ***Annexure IV.*** (iv) The section-specific syllabus would be made available in combination with the list of eligible candidates displayed at the website for appearing in the admission process of the PhD program of the Institute. It was agreed for the section-specific growth within the framework of the Department. About 'the sectional arrangement discussion within the Department' can be found in the following. • Page number 7. of 27 of the Academic regulations for the Doctoral Programme, July 2019 onwards. • An example illustrating the meaning of the term 'Section' in the resolution 10 (5) of the 10th meeting of the Standing Executive Committee of the Senate. • Resolution 6(b), subitem 4 of the item 6 with *Annexure* III of the 50th meeting of the Senate. This resolution stands for the Spring Semester PhD admission (AY 2021-22) of the Institute onwards. (Resolution 13, the 51st meeting of the IAAC)
Res. 4	(a) Agreed with the recommendations mentioned in the sub items at serial orders (1)-(14). (b) The sub item (15) was approved. Further, it was resolved that the MoU 'signing', a comprehensive and forward-looking step, aims to foster the Industry-Academic scientific collaboration and beyond. It is a preferable requirement. Only under very genuine reasons substantiated with the specific 'signing' limitation, the MoU signing relaxation stands applicable. (c) Agreed with the recommendations mentioned in the sub items at serial orders (16)-(21). (d) The sub items at serial orders (22)-(23) were noted. (e) Approved the recommendations of the IAAC regarding the Autumn semester teaching and related parts of the Academic Year 2021-22 (sub item at serial order (24)). (f) Approved the recommendation of the IAAC mentioned in the sub item at serial order (25).
Item 5	**To ratify the Academic Calendar for the M Tech and PhD Programmes (new admissions) of the Academic Year 2021-22.** ***Annexure V*** A separate arrangement of the above-mentioned programmes is attributed to the pandemic reasons.
Res. 5	Approved. Two replacements in wordings were made, 'the resulting wordings in the ***Annexure V*** are PhD Ist year' and their Spring semester part.
Item 6	**The PhD admission of the Autumn Semester (AY 2021-22), concerning parts and Academic Regulations.** In the Autumn Semester, AY 2021-22, 149 (one forty-nine) Candidates were listed among the selected candidates. Besides this, 4 (four) Candidates were offered admissions in the FIS category (ICCR Scholars).

Res. 6	The Dean (Academic) presented the statistics of the admissions offered in the Autumn Semester PhD admission process of the Academic Year 2021-22, including the ICCR-PhD admissions. *Resolutions about the PhD admission procedure* and the Research Progress Seminar (RPS) parts are as follows. (i) For the successful implementation of the PhD admission abiding by the Academic regulations and the Senate regulations, the following procedural sequence was resolved. The sequence is occupancy-vacancy calculation **(as per 'clause 2.1 and clause 10.5' of the academic regulations for doctoral programmes w.e.f July 2019, resolution 3 of the 49th IAAC meeting, resolution 2 of the 11th SEC meeting and 'resolution 3 and sub item 2 of item 3' of the 51st Senate meeting),** notification and allocation. First the occupancy-vacancy calculation concerning the eligible PhD Supervisor for the intended semester PhD admission of the Academic Year in conformity with the Academic Regulations and the Senate Resolutions. The calculation chart, discussing 'the Supervisor name, the associated occupancy figure and the vacancy available figure', needs submission from the Academic Departments to the Academic Section for the onward procedure. Then, the Academic section would notify the date sheet of the PhD admission of the intended semester. Finally, the Supervisor allocation would be made for the PhD admission abiding by the Senate resolutions and Academic regulation via the Institute procedure. (ii) It was suggested that assigning 'Unsatisfactory' remark of the RPS evaluation sheet to the Scholar, which illustrates the performance of the Scholar for the specific duration, needs very clear justifications substantiating the unsatisfactory remark on the back side of the evaluation sheet. Please read this as first Unsatisfactory remark. (iii) In terms of the above, i.e. (ii), the Supervisor(s) would inform formally the Scholar of the unsatisfactory remark in the specific seminar. The formal Supervisor(s)-Scholar correspondence would include the following. (i) clear discussions on the progresses made yet on the research problems pertaining to the thesis. (ii) Concerning regulations on single unsatisfactory remark, two unsatisfactory remarks and Scholarship parts (iii) the publication requirements for the award of the PhD. The formal Supervisor(s)-Scholar correspondence would be done with correspondence copies to the Dean (Academic) as well. Otherwise, the procedure adopted in the Research Progress Seminar amounts to the incomplete.
Item 7	**To consider and adopt resolutions about 'the generalized scheme of the M. Tech. programmes of the Institute' as well as two programmes, i.e. B.Tech. (Honours) and B.Tech. in (...) with Minor in (...).** (1) The 'generalized' scheme of the M Tech programmes of the Institute is with the ***Annexure VI*** of the agenda items. The scheme of the 'specific' M Tech specialization needs agreement with the proposed generalized scheme. (2) It is proposed to ratify the eligibility criteria for the B Tech (Honours) and the B Tech in (...) with Minor in (...). ***Annexure VII*** of the agenda items.
Res. 7	The ***Annexure VII*** discussing two programmes, B Tech (honours) and B Tech in (....) with minor in (...), was approved. Regarding the ***Annexure VI*** discussing the generalized scheme of the M Tech programmes of the Institute, the refinements in the *Annexure VI* were suggested. Those are as follows.

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	The Academic Departments would contemplate the components of the LTP combination, the right-hand side column entries of the generalized scheme, associated with the specific courses of the first and second semesters of the M Tech programme. The overall credit strength of the M Tech programme would obey the credit range 62-68. Furthermore, structural refinements in the combination of the Courses, listed at the left-hand side column of the scheme, can be made via omissions of overlapping parts between the contents of Courses, unfolding connections between them, distinctions between the core courses and the electives, including the consideration of pedagogical ideas etc. Subsequently, the presentations of the Academic Departments would be arranged in the Academic bodies of the Institute for their resolution. There was discussion about the separate code for practicals in the curriculum. Notably, the successful completion of 'every' component of the LTP combination of the Course amounts to the completeness of the Course opted by the Research Scholar for earning the minimum course credit requirement cited in the Academic regulation, otherwise incomplete.
Item 8	**To embed the composition of the Comprehensive Assessment Evaluation Committee (stated in the Academic Regulations) into the standard template.** (Page 7 of 27 of the Academic regulations for the Doctoral Programme, July 2019 onwards).
Res. 8	Approved 'the *Annexure VIII* (Comprehensive Assessment of Eligible PhD candidate) attached'.
Item 9	**Regarding the accreditation (NBA) of the B Tech and M Tech Academic Programmes of the Institute.**
Res. 9	Noted. The Dean (Academic) informed the House of the accreditation status of the Undergraduate and Post Graduate programmes of the Institute. In this regard, a draft timeline of the submission of the prequalifiers and the SARs (subject to the approval of corresponding prequalifiers) would be proposed in the IAAC meeting by the Academic Section.
Item 10	**About the recall status of the Students of the Academic Programmes of the Institute.** The PhD Scholars from the second-year onwards are recalled in the campus, including the M Tech second-year Students. Their associated timeline spans from July 1 to July 31, 2021 for the PhD students (second-year onwards) and August 1 to August 10, 2021 for the M Tech Students (second year) and MSc (fifth year). Other than these categories of the Students, that (recall) stands awaited. (Task Force Meeting minutes of the date, i.e. August 16, 2021).
Res. 10	Noted.
Item 11	**About the CIDER (Centre for Inter-Disciplinary Education and Research).** ***Annexure IX***
Res.11	Professor D C Jinwala, Chairman, CIDER briefed the august House related to observations received from the Senate Members on the CIDER proposal presented by him during the 50th meeting of the Senate (Resolution 3 of the 50th meeting of the Senate). He also explained the compliance of observations received from the Senate Members in the revised proposal *(Annexure IX)*. It was also informed that the concept proposal of the CIDER in the Institute is already approved by the BoG of the Institute in-principle. Greater details, e.g. 'detailed plan of activities and fund requirements be worked out' and further placing before the BoG, are with Resolution 58.15 of the 58th meeting of the BoG held on June 29, 2021. The Dean (Academic) of the Institute expressed the suggestions of preparing the comprehensive brochures by the CIDER including the eligibility, admission procedure, regulations

	governing the programme study, schemes and syllabi, admissibility of certificates and degrees of CIDER programmes etc. as may be applicable after getting approvals from the Institute Academic Advisory Committee (IAAC) and the Institute Senate. The suggestions were noted. The Senate recommended the CIDER proposal for the consideration of the Board. Greater details, e.g. detailed plan of activities and fund requirements be worked out for placing before the BoG, are given in resolution 58.15 of the 58th meeting of the BoG held on June 29, 2021.
Items from the Chair	
Item 12	**About the order of the Honorable High Court of Gujarat at Ahmedabad pertaining to the Krishabh Kapoor(U19CE020) with respect to Letters Patent Appeal No... of 2021 in Special Civil Application No. 5584 of 2021.**
Res.12	The Dean (Academic) informed the members about the recent judgement of Hon'ble High Court of Gujarat in the case of Mr Krishabh Kapoor (U19CE020). The members noted the status of the case and advised to take appropriate decision in the matter by the Chairman Senate
Item 13	**About the Memorandum of Understanding (MoU) between Departments of the two Institutions.**
Res.13	To have a greater number of meaningful MoUs for the augmentation of outreach activities of the Institute, in particular, it was agreed for giving impetus to 'initiatives and steps' for signing the MoUs for the early induction programme of the IIT Mumbai. **In this regard, the Heads of the Departments of the SVNIT would take expeditious initiatives by giving time-bound considerations to hold discussions with their corresponding counterparts of the IIT Mumbai.** After the circulation of Senate minutes, 'the outcomes of the Proceedings of the aforesaid meeting (a part of the Action Taken Report by the Department)' would be made available to the Academic Section for the consideration of the Senate of the SVNIT to adopt the MoU signing resolutions.

6/10/2021

REGISTRAR
SECRETARY, SENATE

6/10/21

DIRECTOR
CHAIRMAN, SENATE

Annexure II

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

The actions taken on the resolutions adopted in the 51st meeting of the Senate held on 7th September, 2021.

The Action Taken Report on the minutes of the 51st meeting of the Senate of the Sardar Vallabhbhai National Institute of Technology, Surat held on Tuesday, 7th September, 2021, 03:00 p.m. onwards in the hybrid mode is appended below:

No.	Resolutions		Actions Taken
Reso. 1:	"Resolved that the minutes of the 50th meeting of the Senate, held on 19th May 2021 be confirmed."		Confirmed and noted.
Reso. 2:	"The 'Action Taken Report (ATR)' was presented by the Dean (Academic). The House noted and approved the actions taken on the minutes of 50th meeting of the Senate".		Noted and action initiated.
Reso. 3:	"The resolutions adopted in 11th meeting of Standing Executive Committee (SEC) were ratified".		
	(a)	It was resolved and agreed to adopt the ICCR Brochure (With effect from A.Y 2021-22). Notably, the Institute has received impressive number of applications of the ICCR Scholars for the M Tech and PhD programmes of the Institute.	ICCR Brochure is adopted for admission of ICCR Scholars for the M Tech and PhD programmes of the Institute.
	(b)	About 'the upper limit' on the number of PhD theses (FIR category) supervised by Assistant Professors recruited after July 2019 onwards, it was agreed to assign the two FIRs (the upper limit) at every point for the non-sharing mode. Notably, the proportionate division calculation would be applied for the supervision shared by multiple Supervisors.	Implemented for Assistant Professors recruited after July 2019 onwards
	(C)	Regarding a reapplication of the Senate resolution (48.10) for the PhD students opted for the NPTEL courses. It was resolved to reapply the Senate resolution (48.10) for the case, i.e. the NPTEL issuing pass grades based on the assignment part of the	Implemented for PhD programme of the Institute for the Spring semester part of the Academic

		NPTEL courses to the Research Scholars of the first-year PhD programme of the Institute for the Spring semester part of the Academic Year 2020-21.	Year 2020-21.
Reso. 4:	It is resolved that the action taken in 51st meeting of Institute Academic Advisory Committee (IAAC), held on July 12, 2021 be noted and approved.		
	(a)	The Senate approved the recommendations mentioned in the sub items at serial orders (1)-(14).	In in effect
	(b)	The sub item (15) was approved. Further, it was resolved that the MoU 'signing', a comprehensive and forward-looking step, aims to further the Industry-Academic scientific collaboration and beyond. It is a preferable requirement. Only under very genuine reasons substantiated with the specific 'signing' limitation, the MoU signing relaxation stands applicable.	Academic departments are implementing in consultation with T & P.
	(c)	The Senate approved the recommendations mentioned in the sub items at serial orders (16)-(21).	Is in effect
	(d)	The sub items at serial orders (22)-(23) were noted.	Noted
	(e)	The Senate approved the recommendations of the IAAC regarding the Autumn semester teaching and related parts of the Academic Year 2021-22 (sub item at serial order (24)).	Implemented
	(f)	The Senate approved the recommendation of the IAAC mentioned in the sub item at serial order (25).	Applied for the PhD admissions of Spring semester of AY 2021-22.
Reso. 5:	Regarding to ratify the Academic Calendar for the M Tech and PhD Programmes (new admissions) of the Academic Year 2021-22. It was approved. Two replacements in wordings were made, 'the resulting wordings in the *Annexure V* of the minutes of the meeting of the 51st Senate are PhD Ist year' and their Spring semester part.		Approved Academic Calendar is adopted for Autumn semester of AY 2021-22.
Reso. 6:	Regarding the PhD admission of the Autumn Semester (AY 2021-22), concerning parts and Academic Regulations. The Dean (Academic) explained the statistics of the admissions offered in the Autumn Semester PhD admission process of the Academic Year 2021-22, including the ICCR-PhD admissions and following were resolved.		Implemented

		About the PhD admission procedure and the Research Progress Seminar (RPS) parts:	
	(i)	For the successful implementation of the PhD admission abiding by the Academic regulations and the Senate regulations, the following procedural sequence was resolved. The sequence is vacancy-occupancy calculation **(as per 'clause 2.1 and clause 10.5' of the academic regulations for doctoral programmes w.e.f July 2019, resolution 3 of the 49th IAAC meeting, resolution 2 of the 11th SEC meeting and 'resolution 3 and sub item 2 of item 3' of the 51st Senate meeting),** notification and allocation. First the occupancy-vacancy calculation concerning the eligible PhD Supervisor for the intended semester PhD admission of the Academic Year in conformity with the Academic Regulations and the Senate Resolutions. The calculation chart, discussing 'the Supervisor name, the associated occupancy figure and the vacancy available figure', needs submission from the Academic Departments to the Academic Section for the onward procedure. Then, the Academic section would notify the date sheet of the PhD admission of the intended semester. Finally, the Supervisor allocation would be made for the PhD admission abiding by the Senate resolutions and Academic regulation via the Institute procedure.	Being implemented
	(ii)	It was suggested that assigning 'Unsatisfactory' remark of the RPS evaluation sheet, which illustrates the performance of the Scholar for the specific duration, needs very clear justifications substantiating the unsatisfactory remark on the back side of the evaluation sheet.	Being implemented
	(iii)	Furthermore, the Supervisor(s) would inform formally the Scholar of the unsatisfactory remark in the specific seminar. The formal Supervisor(s)-Scholar correspondence would include the following. (i) clear discussions on the progresses made yet on the research problems pertaining to the thesis. (ii) Concerning regulations on single unsatisfactory remark, two satisfactory remarks and Scholarship parts (iii) the publication requirements for the award of the PhD. The formal Supervisor(s)-Scholar correspondence would be done with correspondence copies to the Dean (Academic) as well.	Being implemented

Reso. 7:	The ***Annexure VII*** of the minutes of the 51st Senate discussing two programmes, B Tech (honours) and B Tech in (....) with minor in (...), was approved by Senate. Regarding the ***Annexure*** VI of the minutes of the 51st Senate discussing the generalized scheme of the M Tech programmes of the Institute, the refinements in the *Annexure VI* of the 51st Senate were suggested. Those are as follows. The Academic Departments would contemplate the components of the LTP combination, the right-hand side column entries of the generalized scheme, associated with the specific course of the first and second semesters of the M Tech programme. The overall credit strength of the M Tech programme would obey the credit range 62-68. Furthermore, structural refinements in the combination of the Courses, listed at the left-hand side column of the scheme, can be made via omissions of overlapping parts between the contents of Courses, unfolding connections between them, distinctions between the core courses and the electives, including the consideration of pedagogical ideas etc. Subsequently, the presentations of the Academic Departments would be arranged in the Academic bodies of the Institute for their resolution. Notably, the successful completion of 'every' component of the LTP combination of the Course amounts to the completeness of the Course opted by the Research Scholar for earning the minimum course credit requirement cited in the Academic regulation, otherwise incomplete.	Approved B Tech (honours) and B Tech in (....) with minor in (...) programs. Academic Departments are revising their existing M. Tech. scheme as per approved guidelines.
Reso. 8:	It was approved to embed the composition of the Comprehensive Assessment Evaluation Committee (stated in the Academic Regulations Page 7 of 27) into the standard template.	Being implemented
Reso. 9:	Regarding the accreditation (NBA) of the B Tech and M Tech Academic Programmes of the Institute. The Dean (Academic) informed the House of the accreditation status of the Undergraduate and Post Graduate programmes of the Institute. In this regard, a draft timeline of the submission of the prequalifiers and the SARs (subject to the approval of corresponding pre-qualifiers) would be proposed in the IAAC meeting by the Academic Section.	Under progress
Reso. 10:	Regarding the recall status of the Students of the Academic Programmes of the Institute. Noted. The PhD Scholars from the second-year onwards are recalled in the campus, including the M Tech second-year Students. Their associated	Implemented

	timeline spans from July 1 to July 31, 2021 for the PhD students (second-year onwards) and August 1 to August 10, 2021 for the M Tech Students (second year) and MSc (fifth year). Other than these categories of the Students, that (recall) stands awaited.	
Reso. 11:	Regarding the CIDER Professor D C Jinwala, chairman, CIDER briefed the august House related to observations received from the Senate Members on the CIDER proposal presented by him during the 50th meeting of the senate. He also explained the compliance of observations received from the Senate Members in the revised proposal (*Annexure IX* of the 51st Senate). It was also informed that the concept proposal of the CIDER in the Institute is already approved by the BoG of the Institute in-principle. Greater details, e.g. 'detailed plan of activities and fund requirements be worked out' and further placing before the BoG, are with Resolution 58.15 of the 58th meeting of the BoG held on June 29, 2021. The Dean (Academic) of the Institute made the suggestions of preparing the comprehensive brochures by the CIDER including the eligibility, admission procedure, regulations governing the programme study, schemes and syllabi, admissibility of certificate as and degree of CIDER programme etc. as may be applicable after getting approvals from the Institute Academic Advisory Committee (IAAC) and the Institute Senate. The suggestions were noted. The Senate recommended the CIDER proposal for the consideration of the Board. Greater details, e.g. detailed plan of activities and fund requirements be worked out for placing before the BoG, are given in resolution 58.15 of the 58th meeting of the BoG held on June 28, 2021.	Noted
Any other item with permission of the Chair.		
Reso. 12:	Regarding the order of the Honorable High Court of Gujarat at Ahmedabad pertaining to the Krishabh Kapoor (U19CE020) The member noted the status of the case. And advised to take appropriate decision in the matter by the Chairman senate.	Honourable High Court decision is Honoured and implemented by the Institute.
Reso. 13:	Regarding the Memorandum of Understanding (MoU) between Departments of the two Institutions (SVNIT and IIT Mumbai). Agreed To have a greater number of meaningful MoUs for the augmentation of outreach activities of the Institute. In particular, it was agreed	Progressing

	for giving impetus to 'initiatives and steps' for signing the MoUs for the early induction programme of the IIT Mumbai. In this regard, by giving time-bound considerations, the Heads of the Departments of the SVNIT would take expeditious initiatives by giving time-bound consideration to hold discussions with their corresponding counterparts of the IIT Mumbai. After the circulation of the Senate minutes, 'the outcomes of the Proceedings of the aforesaid meeting (a part of the Action Taken Report by the Department) would be made available to the Academic Section for the consideration of the Senate of the SVNIT to adopt the MoU signing resolutions.	

SARDAR VALLABHBHAI
NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

Date: 14/10/2021

The minutes of the 52nd meeting of the Senate

The aforesaid meeting was conducted on October 13, 2021, 04:00 pm onwards in the online mode. The following were present in the Senate meeting.

(1) Dr. S. R. Gandhi, Professor & Director, SVNIT, Surat	: Chairman
(2) Dr. P. L. Patel, Professor & Deputy Director, SVNIT, Surat	: Member
(3) Dr. Chebrolu Pulla Rao, Professor, CD, IIT Tirupati	: External Member
(4) Dr. S. N. Sharma, Prof. & Dean (Academic) SVNIT, Surat	: Member
(5) Dr. C. D. Modhera, Prof. & Dean (Faculty Welfare), SVNIT, Surat	: Member
(6) Dr. V. L. Manekar, Prof. & Dean (P&D), SVNIT, Surat	: Member
(7) Dr. D. C. Jinwala, Prof. & Dean (R&C), SVNIT, Surat	: Member
(8) Dr. G. J. Joshi, Prof. & Head, CED, SVNIT, Surat	: Member
(9) Dr. M. A. Zaveri, Prof. & Head, CoED, SVNIT, Surat	: Member
(10) Dr. R. Chudamani, Prof. & Head, EED, SVNIT, Surat	: Member
(11) Dr. Jyotirmay Banerjee, Prof. & Head, MED, SVNIT, Surat	: Member
(12) Dr. J. N. Patel, Professor, CED, SVNIT, Surat	: Member
(13) Dr. A. K. Desai, Professor, CED, SVNIT, Surat	: Member
(14) Dr. C. H. Solanki, Professor, CED, SVNIT, Surat	: Member
(15) Dr. S. M. Yadav, Professor, CED, SVNIT, Surat	: Member
(16) Dr. M. Mansoor Ahmmed, Professor, CED, SVNIT, Surat	: Member
(17) Dr. R. A. Christian, Professor, CED & BoG Member, SVNIT, Surat	: Member
(18) Dr. Rakesh Kumar, Professor, CED, SVNIT, Surat	: Member
(19) Dr. Z. V. P. Murthy, Professor, ChED, SVNIT, Surat	: Member
(20) Dr. P. A. Parikh, Professor, ChED, SVNIT, Surat	: Member
(21) Dr. M. Chakraborty, Professor, ChED, SVNIT, Surat	: Member
(22) Dr. M. Mukhopadhyay, Professor, ChED, SVNIT, Surat	: Member
(23) Dr. J. K. Parikh, Professor, ChED, SVNIT, Surat	: Member
(24) Dr. J. N. Sarvaiya, Professor, ECED, SVNIT, Surat	: Member
(25) Dr. A. K. Panchal, Professor, EED, SVNIT, Surat	: Member
(26) Dr. R. Venkata Rao, Professor, MED, SVNIT, Surat	: Member
(27) Dr. H. K. Raval, Professor, MED, SVNIT, Surat	: Member
(28) Dr. D. P. Vakharia, Professor, MED, SVNIT, Surat	: Member
(29) Dr. K. P. Desai, Professor, MED, SVNIT, Surat	: Member
(30) Dr. A. A. Shaikh, Professor, MED, SVNIT, Surat	: Member
(31) Dr. Shailendra Kumar, Professor, MED, SVNIT, Surat	: Member
(32) Dr. T. N. Desai, Professor, MED, SVNIT, Surat	: Member
(33) Dr. A. K. Shukla, Professor, AMHD, SVNIT, Surat	: Member
(34) Dr. V. H. Pradhan, Professor, AMHD, SVNIT, Surat	: Member
(35) Dr. Neeru Adlakha, Professor, AMHD, SVNIT, Surat	: Member
(36) Dr. Smita Jauhari, Professor, DoC, SVNIT, Surat	: Member
(37) Dr. P. V. Timbadia, Dean (A&RG), SVNIT, Surat	: Invitee
(38) Dr. Ravi Kant, Dean (Students' Welfare), SVNIT, Surat	: Invitee
(39) Dr. C. M. Patel, Asso. Prof. & Head, ChED, SVNIT, Surat	: Invitee

(40) Dr. P. N. Patel, Asso. Prof. & Head, ECED, SVNIT, Surat	: Invitee
(41) Dr. J. M. Dhodiya, Asso. Prof. & Head, AMHD, SVNIT, Surat	: Invitee
(42) Dr. Suresh Kumar, Asso. Prof. Head, DoC, SVNIT, Surat	: Invitee
(43) Dr. D. V. Shah, Asso. Prof. & Head, DoP, SVNIT, Surat	: Invitee
(44) Dr. H. R. Jariwala, Asso. Prof. & Asso. Dean (Academic) SVNIT, Surat	: Invitee
(45) Dr. R. D. Shah, Asso. Prof. & Asso. Dean (Academic) SVNIT, Surat	: Invitee
(46) Dr. Vipul Kheraj, Asso. Prof. & Asso. Dean (Faculty Welfare) SVNIT, Surat	: Invitee
(47) Dr. Y. D. Patil, Asso. Prof. & Asso. Dean (P&D), SVNIT, Surat	: Invitee
(48) Dr. S. S. Arkatkar, Asso. Prof. & Asso. Dean (P&D), SVNIT, Surat	: Invitee
(49) Dr. H. B. Mehta, Asso. Prof. & Asso. Dean (R&C), SVNIT, Sura	: Invitee
(50) Dr. S. R. Patel, Asso. Prof. & Asso. Dean (Students Welfare) SVNIT, Surat	: Invitee
(51) Shri Amit C. Patel, I/c. Dy. Registrar (Academic), SVNIT, Surat	: Invitee
(52) Shri M. K. Manglam, Asst. Registrar (Academic), SVNIT, Surat	: Invitee
(53) Mr. Shah Heemin Ketankumar, Students General Secretary, SVNIT, Surat	: Invitee
(54) Ms. Bhavna Dilip Matwani, Academic Affairs Secretary, SVNIT, Surat	: Invitee
(55) Ms. Yamini Kabra, Research Innovation Affairs Secretary, SVNIT, Surat	: Invitee
(56) 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	: External Member
(2) Dr. G. Bhuvaneshwari, Professor, EED, IIT Delhi	: External Member
(3) Dr. S. A. Vasanwala, Professor, CED, SVNIT, Surat	: Member
(4) Dr. K. A. Chauhan, Professor, CED, SVNIT, Surat	: Member
(5) Dr. P. G. Agnihotri, Professor, CED, SVNIT, Surat	: Member
(6) Dr. U. D. Dalal, Professor, ECED, SVNIT, Surat	: Member
(7) Dr. Anandita Chowdhury, Professor, EED, SVNIT, Surat	: Member
(8) Dr. V. A. Shah, Professor, EED, SVNIT, Surat	: Member
(9) Dr. K. N. Pathak, Professor, DoP, SVNIT, Surat	: Member
(10) Dr. P. V. Bhale, Asso. Prof. MED & BoG Member SVNIT, Surat	: Invitee
(11) Dr. K. D. Yadav, Asso. Prof. & Asso. Dean (R&C) SVNIT, Surat	: Invitee

Items and resolutions:

Item 1	**To consider and recommend the proposal of awarding the Degrees to the Students in the 19th Convocation of the Institute.** It is proposed that Students, who have successfully completed course of studies as prescribed under the regulations and passed the examinations, would be awarded the Degrees in the 19th Convocation. The Academic Programmes are Bachelor of Technology, Master of Technology, Master of Sciences (Five years Integrated Program) and Doctor of Philosophy. The Senate is requested to make the recommendation to the Board of Governors (BoG) to approve Degree Certificates and grant authority for signatures as mentioned in the Certificates. Two items, the confirmation of the minutes of the 51st meeting of the Senate and the Action Taken Report (ATR) on the Senate Resolutions of its 51st meeting, would be the parts of the 53rd meeting of the Senate. The 52nd meeting of the Senate is a special Senate meeting.

14/10/2021

Res. 1	The Dean (Academic) presented the data of the Graduants to be awarded the Degree Certificates in four categories of the Academic programmes (B. Tech., M Sc, M Tech and PhD programmes). Total number of the Degree Recipients is 1169. The number of Medalists and Cash Prize Recipients are thirty-three (32) and two (2) respectively. The Senate made the recommendation to the Board for 'conferring the Degrees to the Graduants listed in the ***Annexure 1'***. It was resolved and recommended that the date of the conferment of the Degree is the date of the approval of the Board/ Chairman, BoG. It was recommended to delink the date of the conferment of the Degree and the date of the Convocation. For the pass out students of the Academic Year 2020-21, the proposed Degree conferment date is October 20, 2021. It was further resolved to hand over the Degree Certificates to the desirous Students only. The Medals and Cash Prizes distributions would be the part of the Convocation ceremony. The Resolution 1 was confirmed in the same Senate meeting, the 52nd meeting of the Senate.
Item 2	**About the offline mode activities pertaining to the B Tech final Year and MSc final year programmes of AY 2021-22.** It is proposed to consider the academic activities **(the offline mode)** pertaining to the above Academic Programmes since November 8, 2021. Importantly, the Makeup test, an alternative to the Mid Semester Examination of the Autumn Semester, is scheduled in the **online mode that begins from November 22 to November 27, 2021**. The Senate is requested to approve the above.
Res. 2	It was discussed in detail. The Student Representatives expressed their concern about adopting the offline mode for 'the activities of the Academic Calendar' beginning from November 8, 2021 pertaining to the above-mentioned programme. Their concerns were noted and the Senate approved the offline arrangement. It was resolved that the Student Representatives should submit the comprehensive list of future career competitive examinations 'scheduled in the current Academic Year that they aspire for' that necessitate corrections in the existing Academic Calendar. The Students' representative should provide the tentative list of students likely to appear in the CAT examination. They were also suggested to provide the date of GATE examination to be held in the Feb. 2022. The above concerning specific mentions, attributed to the pandemic reasons, are made to accommodate the Students' requirements and concerns in the existing Academic Calendar with the minimization of future revisions in the Academic Calendar. After ascertaining the concerning details, the Academic Section would recontemplate 'embedding the corrections into the existing Academic Calendar and adopt the applicable procedural parts with due approval of Chairman, Senate. It is further to note that the **XX** grade stands inapplicable for the Autumn Semester Academic Programmes of the Academic year 2021-22 of the Institute as a special case considering the COVID condition.
Item 3	**About the offline mode activities pertaining to the M Tech. 1st Semester and PhD first year (Autumn semester of the Academic Year 2021-22) programmes.** The first round of the document verification of MTech. Ist semester Students concluded on

14/10/2021

	October 5, 2021. The document verification of the PhD first Semester Students concluded on September 29, 2021. It is requested to approve their (both programmes) Mid Semester examination and post-Mid Semester examination academic activities in the offline mode. Their Mid Semester examination spans from October 18 to October 23, 2021.
Res. 3	Approved the date sheet ***(Annexure 2)*** concerning the offline mode rearrangement for the above-mentioned programme.
Item 4	**About the offline mode activities pertaining to the M.Tech. 3rd Semester and Ph.D. programmes.** For the M Tech second year, the proposed activities in the offline mode are Seminar and Dissertation preliminary. The Credit Seminar, Research Progress Seminar (RPS), Pre-synopsis Seminar and the viva-voce examination are the proposed activities in the offline mode for the PhD programme. The Senate is requested to approve the above.
Res. 4	Approved.

The Senate members recollected the contributions of Professor S R Gandhi, Director & Chairman Senate, for the growth of the Institute and expressed their warm gratitude to the leadership and services rendered by him to the Institute. The meeting ended with the thanks to the Chair.

REGISTRAR 14/10/2021
SECRETARY – SENATE

DIRECTOR 18/10/21
CHAIRMAN - SENATE

Annexure IV

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

The actions taken on the resolutions adopted in the 52nd meeting of the Senate held on 13th October, 2021.

The Action Taken Report on the minutes of the **52nd** meeting of the **Senate** of the Sardar Vallabhbhai National Institute of Technology, Surat held on **Wednesday, 13th** October, 2021, 04:00 p.m. onwards in the hybrid mode, is appended below:

No.	Resolutions	Actions Taken
Reso. 1:	The Dean (Academic) presented the data of the Graduants to be awarded the Degree Certificates in four categories of the Academic programmes (B. Tech., M Sc, M Tech and PhD programmes). Total number of the Degree Recipients is 1169. The number of Medalists and Cash Prize Recipients are thirty-three (32) and two (2) respectively. The Senate made the recommendation to the Board for 'conferring the Degrees to the Graduants listed in the ***Annexure 1*** of the 52nd Senate '. It was resolved and recommended that the date of the conferment of the Degree is the date of the approval of the Board/ Chairman, BoG. It was recommended to delink the date of the conferment of the Degree and the date of the Convocation. For the pass out students of the Academic Year 2020-21, the proposed Degree conferment date is October 20, 2021. It was further resolved to hand over the Degree Certificates to the desirous Students only. The Medals and Cash Prizes distributions would be the part of the Convocation ceremony. The Resolution 1 was confirmed in the same Senate meeting, the 52nd meeting of the Senate.	Implemented. Degree certificate are issued to desirous Students based on request.
Reso. 2:	Regarding the offline mode activities pertaining to the B Tech final Year and MSc final year programmes of AY 2021-22. It was resolved that the Student Representatives would submit the list of Students meeting two conditions substantiated with the supporting papers. The first is currently staying in	Academic activities for B Tech final Year and MSc final year programmes of AY 2021-22 are conducted as

	the Hostels of the Institute' and the second is 'appearing for the CAT examination scheduled ahead in the Autumn Semester of the current Academic year. In addition to this, the Student Representatives would submit the comprehensive list of future career competitive examinations 'scheduled in the current Academic year that they aspire for' that necessitate corrections in the existing Academic Calendar. The above concerning specific mentions, attributed to the pandemic reasons, are made to accommodate the Students' requirements and concerns in the existing Academic Calendar with the minimization of future revisions in the Academic Calendar. After ascertaining the concerning details, the Academic Section would recontemplate 'embedding the corrections into the existing Academic Calendar and adopt the applicable procedural parts. It is further to note that the **XX** grade stands inapplicable for the Autumn Semester Academic Programmes of the Academic year 2021-22 of the Institute.	per this resolution.
Reso. 3:	Regarding the offline mode activities pertaining to the M Tech. 1st Semester and PhD first year (Autumn semester of the Academic Year 2021-22) programmes. Approved the date sheet ***(Annexure 2** of* the 52nd Senate minutes*)* concerning the offline mode rearrangement for the above-mentioned programme.	Implemented
Reso. 4:	Regarding the offline mode activities pertaining to the M.Tech. 3rd Semester and Ph.D. programmes. For the M Tech second year, the proposed activities in the offline mode are Seminar and Dissertation preliminary. The Credit Seminar, Research Progress Seminar (RPS), Pre-synopsis Seminar and the viva-voce examination are the proposed activities in the offline mode for the PhD programme. The Senate is requested to approve the above. It was approved by Senate.	Adopted

A TIMELINE FOR THE NBA APPLICATIONS

5 PG Programmes of Department of Civil Engineering

Steps	Tentative timeline
Temporary Application ID generation	**December 13-18, 2021**
Application generation, filling of pre-qualifiers and payment of 10% fee.	Within 30 days after generation of Temporary Application ID **(January 12-17, 2022)**
Submission of SAR and payment of 90% fee	60 days from the date of getting the approval of pre-qualifiers. **(February 03,2022 to April 02, 2022)***

*Assuming 15-day duration is given for the results of Prequalifies

4 UG programmes

(1) Department of Chemical Engineering (2) Department of Computer Science & Engineering (3) Department of Electrical Engineering (4) Department of Electronics Engineering & 01 PG programme of Department of Civil Engineering.

Steps	Tentative timeline
Temporary Application ID generation	**December 20 -24, 2021**
Application generation, filling of pre-qualifiers and payment of 10% fee.	Within 30 days after generation of Temporary Application ID **(January 19-23, 2022)**
Submission of SAR and payment of 90% fee.	60 days from the date of getting the approval of pre-qualifiers. **(February 08, 2022 to April 07, 2022) ***

*Assuming 15-day duration is given for the results of Prequalifies

NOTE: The accreditation process of PG programmes of the following Departments would be initiated after the accreditation of their UG Programmes.
(i) Department of Chemical Engineering (ii) Department of Computer Science & Engineering (iii) Department of Electrical Engineering and (iv) Department of Electronics Engineering.

Sardar Vallabhbhai National Institute of Technology, Surat

Academic Calendar for B. Tech. 1st year and M. Sc. 1st year Students for

Academic Year 2021-22 (Agenda Item 13)

ODD Semester (1st Semester)

Sr. No.	Activity	Week (...th)	Timeline
1	Commencement of teaching	1	Dec. 13 (Mon.), 2021
2	Mid Semester examination	8	Jan. 31(Mon.)-Feb. 05(Sat.), 2022
3	Mind Bend and "SPARSH"	11	Feb. 24-Feb. 27, 2022
4	Make up test for Mid-Semester / Practical examinations	15	Mar. 21(Mon.)-Mar. 26 (Sat.), 2022
5	Pre-registration for the 2nd Semester	-	Mar. 21-Mar. 25, 2022
6	Last day of teaching		Mar. 25(Fri.), 2022
7	End-Semester examination	16	Mar. 28(Mon.)-Apr. 02(Sat.), 2022
8	Semester break	17	Apr. 04(Mon.)-Apr. 08 (Fri.), 2022
9	Last date of submission of grade sheets to the examination section	--	Apr. 11(Mon.), 2022
10	Declaration of the result	--	Apr. 18(Mon.), 2022

The induction programme would be scheduled in the weekends conveniently to fit in the Calendar.

Note:

(i) Six-day teaching schedule, including Saturdays would be followed for last ten weeks (1st January 2022, Saturday onwards).

(ii) The above first Semester teaching (B Tech and MSc) would be online until further notifications. Post-JoSAA physical reporting and post-CSAB (special rounds) physical reporting at the allotted Institute would be **online**. The physical document verification would be notified separately.

Even Semester (2nd Semester)

Sr. No.	Activity	Week (...th)	Timeline
1	Registration and fee payment	0	Apr. 11 - May. 02, 2022
2	Commencement of teaching	1	Apr. 11(Mon.), 2022
3	Supplementary examination (Odd Sem.)	4	May. 02(Mon.)-May. 07(Sat.), 2022
4	Mid Semester examination	8	May. 30(Mon.)-June. 04(Sat.), 2022
5	Submission of the XX grade	14	July 15, 2022
6	Make up test for Mid-Semester / Practical examinations	15	July 18(Mon.)-July 24(Sun.), 2022
7	Last day of teaching	15	July 22 (Fri.), 2022
8	End-Semester examination	16	July 25 (Mon.)-July 30(Sat.), 2022
9	Semester break	17	Aug. 01 (Mon.)-Aug. 05(Fri.), 2022
10	Last date of submission of grade sheets to the examination section	--	Aug. 08 (Mon.), 2022
11	Declaration of results	--	Aug. 16(Tue.), 2022
12	Commencement of the next Semester	--	Aug. 08(Mon.), 2022
13	Supplementary examinations (odd and even Semesters)	--	Aug. 29 (Mon.)-Sep. 03(Sat.), 2022

Note:

(i) Six-day teaching schedule, including Saturdays would be followed for last ten weeks (7th May 2022, Saturday onwards).

(ii) The Even Semester teaching will be **offline.**

Member-Secretary, IAAC 3/12/2021

Director R. Venkata Rao 03.12.'21

Inward No.3967 Dt. 24/1/2022
Sign.....Dept/Sec. Dean (Acad.)

Outward No.....
Date.....24/1/2022
Date : 24 Jan 2022

Annexure VII

Dean (Academic)
24.01.22

To

The Director

SVNIT Surat

Sub : Response to the comments on Revised Post-Doctoral Fellowship Regulations

Reference : MED Inward/3789 dated 7 Jan 2022

Dear Sir

With reference to above please find below the response of the committee.

Sr No/Ref	Comments of the Dy Director	Committee View
1 (Para 2 C)	If we allow candidate to apply for the post-doctoral fellowship (PDF) on provisional basis without Ph D degree, it may happen that they may not get the Ph D degree within six month, and that may create problem, particularly, for those who gets admission in PDF for shorter duration of one year	Noted. The clause of Six month has now been removed and The Para 2 C has now been modified in the document as below 2c. Ph.D. scholar/s after submission of thesis are also eligible to apply for Institute PDF positions. However, the candidate has to submit the thesis submission proof while applying for the position. In addition to this, the candidate shall produce provisional/degree certificate/Ph.D. notification to become eligible for Full PDF Fellowship.
2 Para 2 e)	The candidate with Ph D degree from SVNIT may be discouraged for admission in PDF to avoid inbreeding in the program	Agree The Para 2 e is now modified as 2.e) SVNIT Ph.D. holders are discouraged to apply however under exceptional

Received on 24/1/2022

Shardul

		circumstances such candidates having post Ph.D. **Research Experience** at reputed CSIR Lab/IITs/ Any DST/SERB or any Govt. sponsored Project/Industry R & D unit may be preferred.
3 Para 3 e	The choice of mentor can be asked during the application. However the final mentor can be finalized at the time of interview in the department	Noted. The Para 3 e is now modified as 3 e. The candidate needs to address application to Head of the Department at which the candidate intends to work and forward the application through email with a subject line as 'Application for SVNIT Institute PDF in the Department of XYZ'. The candidate shall ensure consent via email from the proposed mentor/s at the time of application. However, the final allocation of mentor shall be in the purview of Selection Committee.
4 Para 5 b	The PDF fellows should be allowed to take lecture classes and can partly replace the TA's in the departments	Noted. The Para 5 b has now been modified as The department may assign the candidate a teaching load (Theory/Practical/Tutorial classes) up to a maximum of 04 Hours a week.
5 Para 6 e	The proposed fellowship should be Rs 75000 per month for PDF as currently the TA's are being paid at the proposed rate of Rs 60,000 per month for Ph D holders. A little high amount of fellowship may attract good candidates	Agree. This seems to be Para 6 a The same has now been modified in para 6 a and reproduced below The amount of the fellowship for PDF will be fixed to a consolidated amount of Rs. 75,000/-

		per month. However, the candidate(s) with thesis submitted status, if selected, the applicable fellowship will be Rs. 50,000/- per month until the submission of his/her provisional/Ph D notification/ final doctoral degree certificate.
6 Para 6 f	The existing guidelines for the Ph D program can be made applicable to the PDF programme also, which includes different kind of leave including the duty leaves	Agree The Para 6 f is now modified as Post-Doctoral Fellows are governed by similar LEAVE rules as per prevailing Institute norms applicable to Institute Full Time Ph D Research Scholars. The leave can be availed on a pro-rata basis for the duration (on a 6 months' basis) of the fellowship completed.

(Dr R D Shah Dr Purnanand V Bhale Dr Debesh R Roy Prof A A Shaikh)

✓ Copy to: Dean (Academic)

Sardar Vallabhbhai National Institute of Technology, Surat

Proposal for Institute Post-Doctoral Fellowship at SVNIT Surat

Sardar Vallabhbhai National Institute of Technology, Surat (SVNIT) invites proposals from qualified Indian Nationals, Persons of Indian Origin (PIOs) and Overseas Citizens of India (OCIs) for the Post Doctoral Fellows (PDF). Other Foreign Nationals, in whose case, if selected, appointment will be subject to permission from the Government of India before he/she can join SVNIT.

The departmental Thrust areas for the duration of 2021-2025 are listed below

SN	Name of Department	Proposed Thrust areas in line with National Priority
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

1.General Instructions

a. The provision will be made exclusively for research purposes and can be initially for a period of one year, extendable on a yearly basis maximum up to two more

years, depending on satisfactory progress reported by the Project Appraisal Committee formed for this purpose.

b. There shall be minimum one PDF per department at a given point of time but shall not exceed (N/15) where N is Actual No of Regular faculty on roll. However maximum number of fellowship shall not exceed Twenty at Institute level.
c. A mere fulfillment of required minimum qualifications and experience does not entitle a candidate to be called for presentation and/or interview.
d. The selection of PDF is purely a temporary assignment for the fellowship duration only.
e. The Institute reserves the right to fill or not to fill the PDF proposal.
f. Separate proposal form must be filled, if a candidate is applying for a Post-Doctoral Fellowship in more than one Departments, and candidates need to pay prescribed application fee(s) for each application separately.
g. Candidates called for presentation/discussion will be paid AC 2-Tier by Train and actual expenditure for taxi by road (from Surat Railway Station) from their place of residence/work by the shortest route within India. However, SVNIT may conduct candidates' presentation and interview in online mode too if desires so.
h. The candidate will be required to join the position within 2 months from the date of selection letter.
i. The candidate will present a yearly progress report to the Project Appraisal Committee (PAC) (comprising Head of Department (Chairman), mentor, collaborator (if any) and Subject Experts within/outside department/ outside institute (Proposed by HOD and approved by Director) detailing the research work carried out and research findings supported by reprints/preprints/manuscripts of the papers published/accepted for publication or communicated/ research reports/ statement of fund utilisation for this purpose.
j. A non refundable application processing fees of Rs. 500/- is to be paid by candidates.

2.Eligibility to Apply for Post-Doctoral Fellowship

a. Ph.D. from a reputed Institute/University with First Class or equivalent grade in preceding degree in respective discipline, with a consistently good academic record. The Ph.D. awarding Institute/University of the candidate shall be listed at-least once within the top 100 NIRF or 500 QS/THE ranking category as per the last 3 year available report.

b. Ph.D. degree holders are eligible to apply within five years after completion of their Ph.D. degree. The upper age limit for the fellowship is 35 years however age relaxation will be applicable as per government norms.

c. Ph.D. scholar/s after submission of thesis are also eligible to apply for Institute PDF positions. However, the candidate has to submit the thesis submission proof while applying for the position. In addition to this the candidate shall have to produce provisional/degree certificate/Ph.D. notification to become eligible for Full PDF Fellowship. ~~the PDF fellowship within 6 months from the date of induction as Institute PDF, failing which the fellowship will stand cancelled.~~

d. The applicant should have published at least 3 research publications in SCI/SCIE journals based on his/her own doctoral research work.

e. ~~SVNIT Ph.D. holders are eligible to apply only after gaining~~ **one** ~~year post Ph.D. relevant research experience.~~

2.e) SVNIT Ph.D. holders are discouraged to apply however under exceptional circumstances such candidates having post Ph.D. Research Experience at reputed CSIR Lab/IITs/ Any DST/SERB or any Govt. sponsored Project/Industry R & D unit may be preferred.

f. Candidates employed in any Government organizations/ Private organization will have to apply through proper channel and hard copy of the application need to be sent to Head of concern department, SVNIT, Surat in addition. If such candidates get selected, they will have to produce the Relieving order while joining the SVNIT PDF.

3.Application Process

a. The Institute will float advertisement twice a year in the months of June/July and December/January.
b. Each department will display specific thrust research areas of national interest/ area defined by institute along with the proposed mentor(s) in respective areas. The mentor should be at least at the level of Associate Professor.
c. Candidate will be free to choose his/her mentor(s) from relevant thrust research area(s) of interest from the floated advertisement from any department based on proposed research area irrespective of his/her associated Ph.D. degree department.
d. The candidate has to submit a research proposal (of maximum 8 pages) his/her chosen area preferably in consultation with mentor(s).
e. The candidate needs to address application to Head of the Department at which the candidate intends to work and forward the application through email with a subject line as 'Proposal for SVNIT Institute PDF in the Department of XYZ'. The candidate shall ensure consent via email from the proposed mentor/s at the time of application. However, the final allocation of mentor shall be in the purview of Selection Committee.

4.Evaluation Process

a. Evaluation of the application will be based on:
   - The strength and the novelty of the proposal. The proposal should not be a mere extension of the applicants Ph.D. work. Such proposals are likely to be rejected.
   - The expertise brought in by the applicant to the advertised thrust research areas of the department(s).
   - Value addition to the department(s) research growth.
   - Quality and quantity of the reputed SCI/SCIE journal papers, patents, research papers citations and/or h-index, higher rank of the Ph.D. awarding Institute/University of the candidate in NIRF/QS/THE.

b. Department Evaluation Committee will scrutinize all the proposals and forward the shortlisted candidates to the Academic Section to arrange for the necessary selection process and communicate the outcome to the candidate.

c. Institute Selection Committee (ISC) comprising of Dy-Director (Chairman), Dean (Acad), Dean (R & C), HoD of the department, one expert member from the department and one invited subject expert from any reputed Institute/University outside SVNIT will submit the recommendation to the Director.

d. Presentation of research proposal shall be followed by technical Interview /Discussion by the constituted committee and will form the basis for selection. The expertise likely to be brought in by applicant will be an important aspect for his/her selection.

e. Upon recommendation of the ISC, and consequence approval of the Director of the Institute, Institute authority will issue the award of fellowship letter to the candidate.

5. Assignments and Responsibilities

a. Pursuing a rigorous independent research project in frontline areas of science and technology resulting in quality publication in high impact SCI/ SCIE journals/filing of IPR.

b. Apart from quality research work, PDFs will also be encouraged to contribute in writing sponsored research proposals. ~~Although they will not be engaged in teaching in general, but respective department may assign them for tutorial/laboratory classes up to 8 working hours.~~ The department may assign the candidate a teaching load (Theory/Practical/Tutorial classes) up to a maximum of 04 Hours a week.

c. The PDFs will be associated to the mentor only for collaborative research activities and administrative purposes.

d. Post docs will be eligible to serve as co-guide for B.Tech./M.Sc. and M.Tech. projects along with the mentor, if the mentor wishes.

e. The PDF will contribute towards assisting mentor for writing research project proposal for external funding.

6.Fellowship and Facilities

a. The amount of the fellowship for PDF will be fixed to a consolidated amount of Rs. 75,000/- per month. However, the candidate(s) with thesis submitted status, if selected, the applicable fellowship will be Rs. 50,000/- per month until the submission of his/her provisional/Ph.D notification/ final doctoral degree certificate. The amount of fellowship may be revised time to time by the institute.

b. Subject to availability, campus hostel accommodation shall be given to the candidate, or House Rent Allowance (HRA) will be applicable as per the Institute norms.

c. The Department would provide access and space to research laboratories to its postdoctoral fellows.

d. Medical benefits / Insurance will be similar to that applicable to Institute PhD scholars in FIR category.

e. The Post-Doctoral Fellow will also be supported by the Institute with a Professional Research Support Fund (PRSF) of Rs.1.00 lakh per financial year (April-March) and any unspent amount may be carried forward to the next financial year during the period of fellowship not exceed three years. The PDF can avail the PRSF for attending national/ international conferences in India and abroad and related expenditure as per institute norms, viz., air travel, visa fees, registration fee, boarding and lodging, local travel at the place of the conference, medical insurance for international travel etc. for presenting a paper or chairing a session in his/ her area of specialization with prior approval from the competent authority. The PRSF can also be availed for contingency that includes items like books, stationery, computer accessories, professional memberships, chemicals, glassware, small scale research equipment(s) such as PC, printer, experimental instruments/equipment(s) etc. which should be returned to the Department/SVNIT at the end of the fellowship tenure. The amount of PRSF may be revised time to time by the institute.

f. ~~Leaves with fellowship should not exceed 30 days in a year for each completed year of the fellowship.~~ Post-Doctoral Fellows are governed by similar LEAVE rules

as per prevailing Institute norms applicable to Institute Full Time Ph D Research Scholars. The leave can be availed on a pro-rata basis for the duration (on a 6 months' basis) of the fellowship completed.

7.Fellowship Termination

a. If the Post-Doctoral Fellow wishes to discontinue the programme before the end of the tenure, he/she can do so with prior approval of the PAC giving one month's notice.
b. The fellowship may be terminated by the Institute if the performance /conduct of the fellow is unsatisfactory after giving one month's notice to the Post-Doctoral Fellow. In case if the candidate is found to be indulge in any unfair means/substance abuse/plagiarism acts/unlawful activities the fellowship will be discontinued.
c. In all matters the decision of SVNIT shall be final.
d. This temporary fellowship may terminate in one-month notice without any compensation if Institute decides so.

8.Proposal should contain the following documents:

1. Filled in proposal form
2. Mention of up to three mentors across the disciplines
3. A covering letter
4. Passport size photograph
5. Copy of Ph.D. and M.Tech./M.Sc. degree certificates
6. Experience certificate(s), if any
7. Detailed research proposal covering research plan prepared in the advertised thrust area(s) preferably in consultation with mentor(s) (maximum 8 pages)
8. Proof of publication in reputed SCI/SCIE journals
9. Proof of Ph.D. awarding institute listed in NIRF/QS/THE Rankings
10. 2 reference letters to be sent **DIRECTLY** to the HoD of concerned department.
11. Details of Payment of proposal submission Fees

Sardar Vallabhbhai National Institute of Technology Surat
Surat 395007, INDIA.

Pass port size photo

Proposal for Institute Post-Doctoral Fellowship at SVNIT Surat

Instructions:

- Filled-in form and other required documents combined into a single PDF file be sent through email to

The Office of Head of Department hod@xyz.svnit.ac.in

1. **Name:**

First Name

Middle Name

Last Name

2. **Gender:** ☐ MALE ☐ FEMALE ☐ OTHERS

3. **Category:** Gen ☐ EWS ☐ OBC-NCL ☐ SC ☐ ST ☐

4. **Marital Status:** ☐ MARRIED ☐ SINGLE

5. **Date of Birth:** ☐☐☐☐☐☐☐☐ D D M M Y Y Y Y

6. **Citizenship Status:**

Citizen of

If not citizen of India, country of your citizenship:

Do you have the status of PIO/OCI ?

Yes

No

7. **Address:**

Present

Permanent

8. **Telephone** (Mobile): +

9. **Office Telephone (if any):** +

10. **Residence Telephone (if any):** +

11. **Fax (if any):** +

12. **Email ID:**

13. **Whether a person with disability:**

Yes

No

If "Yes", place an x-mark in appropriate box

OH

HH

VH

Percentage of Disability

Attested copy of certificate enclosed?

Yes No

14. **Academic Record starting with the undergraduate degree:**

Degree	College/University/Institute	Year of joining	Year of Completion	Percentage/CGPA	Class/Division (If applicable)

PhD Advisor/s:

Title of Thesis: Notification/ Thesis Submission Proof

Areas of specialization:

Name of Ph.D. degree awarding institute with Ranking:

15. **Post-doctoral experience if any and previous employment (successive positions with the same employer should be listed separately)**

Employer	Position held	Date of Joining	Date of Leaving	Responsibilities and Outcomes

16. **List of Publications (only SCI/SCIE journal papers):**

17. **Name and Department of proposed mentor/s and Thrust areas as per list:**

18. Detailed Research Proposal covering Project Title, Project Summary, Keywords, Objectives of project, Work methodology and Research Plan, Expected outcome of the proposal shall be submitted by the candidate.

19. **Name, Address and Contact (E-mail and Tel/Mobile) of Two References:**

1.	2.

20. I hereby declare that all entries in this form as well as the information provided in the attached documents are true to the best of my knowledge and belief.

Date:
Place:

.....
Name & Signature

Annexure VIII

No. DoME/JB/2215 /2021-22
Deptt. of Mech. Engg.
SVNIT, Surat

Date: 28/12/2021

To,

The Director
SVNIT, Surat

Sub: Recommendations for framing the rules & regulations to act as external supervisor/co-supervisor for the students of the other Institutions by SVNIT faculty.

Dear Sir,

Please find enclosed the recommendation of the committee constituted vide office order No. E/141/1126 dtd. 13/12/2021 for framing the rules & regulations to act as external supervisor/co-supervisor for the students of the other Institutions by SVNIT faculty.

Thanking you,

Sincerely yours

28/12/21

Dr. J. Banerjee
Professor, DoME
Chairman

ules and regulations to act as external supervisor/ co-supervisor for the student of the other institutions by SVNIT faculty

The following committee is constituted vide office order No. E/141/1126 dated 13/12/2021 for preparing rules and regulations for acting as external supervisor/co-supervisor for the student of other institutions by SVNIT faculty:

1. Prof. Jyotirmay Banerjee (Chairman)
2. Prof. M. A. Zaveri (Member)
3. Dr. Suresh Kumar (Member)

After several deliberations, the committee suggests the following guidelines to act as external supervisor/co-supervisor for the student of the other institutions by SVNIT faculty.

I. Eligibility of the Institutions to utilize the expertise of the SVNIT faculty for the external supervision.

The institute faculty members can be allowed to act as supervisor/co-supervisor in IITs, NITs, IIITs, Central Universities (CFTIs), state Universities/Institutes or Private Universities. For acting as co-supervisors in Private institute/university, the ranking of the institute/university should be within 100 in NIRF for any of the preceding 03 years.

II. Eligibility of the candidates to utilized the expertise of the SVNIT faculty for the external supervision.

Masters and Doctoral students from the universities mentioned in **point 1** are eligible for utilizing the expertise of the SVNIT faculty for the external supervision.

III. Maximum number of external students (Student of other Institutions) that the SVNIT faculty are allowed to supervise/co-supervise their M. Tech. Dissertation and Ph. D. Thesis.

The institute faculty members can co-supervise maximum of 5 students for their M. Tech. Dissertation and/or Ph. D. Thesis from other institutes as mentioned in **point 1** at one point of time. This is in addition to the students supervised at SVNIT.

IV. Admissible honorarium to the Supervisor/Co-supervisor of the SVNIT and SVNIT Resource utilization charges paid by the other institution.

The honorarium to the supervisors/co-supervisors will be paid by the external institute as per their institute norms. No honorarium will be paid by our institute. The resource utilization charges to be paid by the external institute to our institute will be Rs. 20,000/- for one semester. The other utilization charges based on laboratory will be decided by the laboratory in-charge and supervisor/co-supervisor in consultation with Head of the department. Department will maintain a register for such payments made to the accounts section Students will be allowed to utilize the

institute resources only after payment of the resource utilization charges.

VI. Procedural channel for initiating the request for issuing 'No Objection Certificate' to the prospective external Supervisor/ Co-supervisor for the SVNIT to supervise the students of other Institutions.

The request for supervising/co-supervising a student of an external institute by our faculty should be received from the external institute through proper channel from Heads of that Institute. The head of the department at SVNIT will ensure that the research area is in line with the expertise of the faculty member in whose name the request is being made and make suitable recommendation to the Dean of Academics and Director for initiating the request through proper channel.

VII. Supervision credit point to the Supervisor/Co-supervisor for the SVNIT as external Supervisor to the Students of other Institutions.

No special credits will be earned by SVNIT faculty for supervising students of an external institute. However, credits can be earned by the supervisor/co-supervisor through the joint research publications produced in such collaborative research or joint externally funded research projects approved for such collaborative research.

Dr. K. Suresh Kumar
(Member)

Prof. M. A. Zaveri
(Member)

Prof. Jyotirmay Banerjee
(Chairman)

Recommended / Not recommended by the Director