



Date: 2/02/2024

Minutes of the 60<sup>th</sup> meeting of the Senate held on January 23, 2023

The aforesaid meeting was held on January 23, 2024, at 03:30 p.m. onwards at the Conference room of SVPB Guest house in the hybrid mode. The following members were present in the meeting:

(1)	Dr. Anupam Shukla, Professor & Director, SVNIT, Surat	Chairman
(2)	Dr. R. P. Tewari, Professor, DoAM, MNNIT Allahabad (joined online)	External Member
(3)	Dr. Omkarprasad S. Vaidya, Professor, IIM Lucknow (joined online)	External Member
(4)	Dr. H.R. Jariwala, Prof. & Dean (Academic), SVNIT, Surat	Member
(5)	Dr. C. D. Modhera, Prof. & Dean, (FW), SVNIT, Surat	Member
(6)	Dr. J. K. Parikh, Prof. & Dean (R&C), SVNIT, Surat	Member
(7)	Dr. Ravi Kant, Prof. & Dean (SW), SVNIT, Surat	Member
(8)	Dr. S. S. Arkatkar, Prof. & I/c. Dean (P&D), SVNIT, Surat	Member
(9)	Dr. M. Chakraborty, Prof. & Head, DoChE, SVNIT, Surat	Member
(10)	Dr. R.A. Christian, Prof. & Head, DoCE, SVNIT, Surat	Member
(11)	Shri R. P. Gohil, Asso.Prof. & I/c. Head, DoCSE & DoAI, SVNIT, Surat	Member
(12)	Dr. P.B. Darji, Prof. & Head, DoEE, SVNIT, Surat	Member
(13)	Dr. J.N. Sarvaiya, Prof. & Head, DoECE, SVNIT, Surat	Member
(14)	Dr. A. A. Shaikh, Prof. & Head, DoME, SVNIT, Surat	Member
(15)	Dr. S.N. Sharma, Prof. & Head, DoP, SVNIT, Surat	Member
(16)	Dr. V.H. Pradhan, Prof. & Head, DoM, SVNIT, Surat	Member
(17)	Dr. K. P. Desai, Prof. & Head DoHSS & DoMS, SVNIT, Surat	Member
(18)	Dr. B. Z. Dholakiya, Professor, DoC, SVNIT, Surat	Member
(19)	Dr. Z. V. P. Murthy, Professor, DoChE, SVNIT, Surat	Member
(20)	Dr. P. A. Parikh, Professor, DoChE, SVNIT, Surat	Member
(21)	Dr. V. N. Lad, Professor, DoChE, SVNIT, Surat	Member
(22)	Dr. S. R. Patel, Professor, DoChE, SVNIT, Surat	Member
(23)	Dr. A. Mungray, Professor, DoChE, SVNIT, Surat	Member
(24)	Dr. M.A. Desai, Professor, DoChE, SVNIT, Surat	Member
(25)	Dr. J. N. Patel, Professor, DoCE, SVNIT, Surat	Member
(26)	Dr. P. L. Patel, Professor, DoCE, SVNIT, Surat	Member
(27)	Dr. A. K. Desai, Professor, DoCE, SVNIT, Surat	Member
(28)	Dr. S. A. Vasanwala, Professor, DoCE, SVNIT, Surat	Member
(29)	Dr. S. M. Yadav, Professor, DoCE, SVNIT, Surat	Member
(30)	Dr. C. H. Solanki, Professor, DoCE, SVNIT, Surat	Member
(31)	Dr. P. G. Agnihotri, Professor, DoCE, SVNIT, Surat	Member
(32)	Dr. K. A. Chauhan, Professor, DoCE, SVNIT, Surat	Member
(33)	Dr. M. Mansoor Ahammed, Professor, DoCE, SVNIT, Surat	Member
(34)	Dr. Rakesh Kumar, Professor, DoCE, SVNIT, Surat	Member
(35)	Dr. Y.D. Patil, Professor, DoCE, SVNIT, Surat	Member
(36)	Dr. K. D. Yadav, Professor, DoCE, SVNIT, Surat	Member
(37)	Dr. A. Dhamaniya, Professor, DoCE, SVNIT, Surat	Member
(38)	Dr. D. A. Patel, Professor, DoCE, SVNIT, Surat	Member
(39)	Dr. D. R. Patel, Professor, DoCSE, SVNIT, Surat	Member

*[Handwritten signature]*



(40)	Dr. R. Tiwari, Professor, DoCSE, SVNIT, Surat	Member
(41)	Dr. V. A. Shah, Professor, DoEE, SVNIT, Surat	Member
(42)	Dr. R. Chudamani, Professor, DoEE, SVNIT, Surat	Member
(43)	Dr. A.K. Panchal, Professor, DoEE, SVNIT, Surat	Member
(44)	Dr. P.N. Patel, Professor, DoECE, SVNIT, Surat	Member
(45)	Dr. A.D. Darji, Professor, DoECE, SVNIT, Surat	Member
(46)	Dr. R. Venkata Rao, Professor, DoME, SVNIT, Surat	Member
(47)	Dr. H. K. Raval, Professor, DoME, SVNIT, Surat	Member
(48)	Dr. J. Banerjee, Professor, DoME, SVNIT, Surat	Member
(49)	Dr. S. Kumar, Professor, DoME, SVNIT, Surat	Member
(50)	Dr. B.M. Sutaria, Professor, DoME, SVNIT, Surat	Member
(51)	Dr. A.D. Parekh, Professor, DoME, SVNIT, Surat	Member
(52)	Dr. H.B. Mehta, Professor, DoME, SVNIT, Surat	Member
(53)	Dr. P.V. Bhale, Professor, DoME, SVNIT, Surat	Member
(54)	Dr. H.K. Dave, Professor, DoME, SVNIT, Surat	Member
(55)	Dr. S. Jauhari, Professor, DoC, SVNIT, Surat	Member
(56)	Dr. A. K. Shukla, Professor, DoM, SVNIT, Surat	Member
(57)	Dr. N. Adlakha, Professor, DoM, SVNIT, Surat	Member
(58)	Dr. A. K. Rai, Professor, DoP, SVNIT, Surat	Member
(59)	Dr. Pramod Mathur, Registrar, SVNIT, Surat	Secretary
(60)	Ayushman Tiwary, Student General Secretary, SVNIT, Surat	Invitee
(61)	Jujhar Singh, Academic Affairs Secretary, SVNIT, Surat	Invitee

The leave of absence was noted for the following members.

(1)	Dr. Shashi Bala Singh, Director, NIPER, Hyderabad	External Member
(2)	Dr. U. D. Dala, Professor & Dean (A&RG), SVNIT, Surat	Member
(3)	Dr. G. J. Joshi, Professor, DoCE, SVNIT, Surat	Member
(4)	Dr. V. L. Manekar, Professor, DoCE, SVNIT, Surat	Member
(5)	Dr. D. C. Jinwala, Professor, DoCSE, SVNIT, Surat	Member
(6)	Dr. R. G. Mehta, Professor, DoCSE, SVNIT, Surat	Member
(7)	Dr. A. Chowdhury, Professor, DoEE, SVNIT, Surat	Member
(8)	Dr. S. R. Arya, Professor, DoEE, SVNIT, Surat	Member
(9)	Dr. D. P. Vakharia, Professor, DoME, SVNIT, Surat	Member
(10)	Dr. T. N. Desai, Professor, DoME, SVNIT, Surat	Member
(11)	Dr. K. N. Pathak, Professor, DoP, SVNIT, Surat	Member

### **INTRODUCTION BY THE CHAIRMAN**

At the outset, the Chairman Senate warmly welcomed the Members of the Senate, including the External Members Dr. R. P. Tewari, Professor, MNNIT Allahabad and Dr. Omkarprasad S. Vaidya, Professor, IIM Lucknow, who were present online for the Senate meeting.

He specifically welcomed new senate members and welcomed them with expectation of significant contribution from them for the growth of the Institute.

Thereafter, the Dean (Academic) was requested to proceed with the agenda items.

*(Signature)*  
5/1/24



*Items and resolutions:*

<b>Item 1</b>	<b>To confirm the minutes of the 59<sup>th</sup> meeting of the Senate held on October 12, 2023 (Appendix 1).</b>
<b>Reso. 1</b>	It is resolved that the minutes of the 59 <sup>th</sup> meeting of the Senate held on October 12, 2023 be confirmed.
<b>Item 2</b>	<b>To note and approve the actions taken on the resolutions adopted in the 59<sup>th</sup> meeting of the Senate held on October 12, 2023 (Appendix 2).</b>
<b>Reso. 2</b>	Noted and approved.
<b>Item 3</b>	<b>To consider and adopt resolutions about the 'recommendations' made in the 64<sup>th</sup> meeting of the Institute Academic Advisory Committee (IAAC) held on October 9, 2023.</b> <b>Link:</b> <b><u><a href="https://svnit.ac.in/Data/minutes/iaac/64th%20MEETING%20OF%20THE%20INSTITUTE%20ACADEMIC%20ADVISORY%20COMMITTEE.pdf">https://svnit.ac.in/Data/minutes/iaac/64th%20MEETING%20OF%20THE%20INSTITUTE%20ACADEMIC%20ADVISORY%20COMMITTEE.pdf</a></u></b>
<b>Reso. 3</b>	The resolutions of the 64 <sup>th</sup> meeting of Institute Academic Advisory Committee (IAAC), held on October 9, 2023 are noted and approved except Reso no. 64.27. (Reso. No. 64.3, 64.4, 64.12, 64.13, 64.24, 64.25 and 64.26 were approved in 17 <sup>th</sup> SEC held on 5 <sup>th</sup> December, 2023). The item no. 64.27 is regarding consideration of the readmission request of Mr. Avish Madaan, Admission Number U19EC084 from Department of Electronics Engineering. The matter was discussed at length and following recommendations are suggested:  (1) He may be allowed to resume his study. (2) He has to complete the studies in 7 years from the date of initial admission. The recommendation will be subject to approval of the BoG as a policy matter.
<b>Item 4</b>	<b>To consider and adopt resolutions about the 'recommendations' made in the 17<sup>th</sup> meeting of the Standing Executive Committee (SEC) held on December 5<sup>th</sup>, 2023.</b> <b>Link: <u><a href="https://www.svnit.ac.in/Data/minutes/sec/17th%20SEC.pdf">https://www.svnit.ac.in/Data/minutes/sec/17th%20SEC.pdf</a></u></b>
<b>Reso. 4</b>	The recommendations of the 17 <sup>th</sup> meeting of SEC were noted. Further, the reso. No. 17.8, about the reviewing the seats of M. Tech. Programs is recommended for the approval of BoG.
<b>Item 5</b>	<b>To consider and adopt resolutions about the 'recommendation' made in the 18<sup>th</sup> meeting of the Standing Executive Committee (SEC) held on December 23<sup>rd</sup>, 2023.</b> <b>Link: <u><a href="https://www.svnit.ac.in/Data/minutes/sec/18th%20Meeting.pdf">https://www.svnit.ac.in/Data/minutes/sec/18th%20Meeting.pdf</a></u></b>
<b>Reso. 5</b>	The recommendations of the 18 <sup>th</sup> meeting of SEC were noted.
<b>Item 6</b>	<b>To consider and adopt resolutions about the 'recommendations' made in the 65<sup>th</sup> meeting of the Institute Academic Advisory Committee (IAAC) held on January 2, 2024.</b> <b>Link: <u><a href="https://svnit.ac.in/Data/minutes/iaac/65th%20MEETING%20OF%20THE%20INSTITUTE%20ACADEMIC%20ADVISORY%20COMMITTEE%20compressed.pdf">https://svnit.ac.in/Data/minutes/iaac/65th%20MEETING%20OF%20THE%20INSTITUTE%20ACADEMIC%20ADVISORY%20COMMITTEE compressed.pdf</a></u></b>
<b>Reso. 6</b>	The resolutions No. 65.1 to 65.9, 65.11 to 65.18, 65.21, 65.22, 65.24 to 65.27 of the 65 <sup>th</sup> meeting of Institute Academic Advisory Committee (IAAC), held on January 02, 2024 were noted and approved.

*Anam*  
*5/1/24*



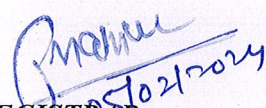
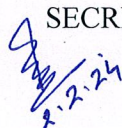
	<p>The item no. 65.10 regarding consideration of the readmission request of Mr. Divyesh Chuhan, Admission Number I20PH017 from Department of Physics.</p> <p>The matter was discussed at length and following recommendations are suggested:</p> <p>(1) He may be allowed to resume his study.</p> <p>(2) He has to complete the studies in 7 years from the date of initial admission.</p> <p>The recommendation will be subject to approval of the BoG as a policy matter.</p> <p>The item no. 65.19 for about allowing the students of other institutes to carry out the internship/ project work at SVNIT, Surat.</p> <p>The matter was discussed at length and following resolutions are adopted.</p> <p>(i) The UG students of other institutes may carry out their internship/ project work at SVNIT, Surat without payment of academic fees. The boarding and lodging charges has to be borne by the Students.</p> <p>(ii) The PG students of other institutes may carry out their project work at SVNIT, Surat by payment of academic fees of Rs. 10,000 per semester. This fee does not include boarding and lodging charges.</p> <p>The item no. 65.20 to decide about the credits and course works for the final year, B.Tech. students of DoCE studying at IIT, Bombay was approved with following modification:</p> <p><i>"All UG Students of DoCE have to earn "minimum 178 credits in total" to get the UG degree of B.Tech in Civil Engineering"</i></p> <p>The item no. 65.23 about dividing the final year UG students to fulfill the requirement of vocational / professional training (internship) in the 7<sup>th</sup> and 8<sup>th</sup> semesters was deferred.</p>
<b>Item 7</b>	<b>Reviewing the numbers of seats of integrated M.Sc. program of Physics, Chemistry and Mathematics based on last five years admission through JOSAA/ CSAB.</b>
<b>Reso. 7</b>	The item was deferred.
<b>Item 8</b>	<b>To consider a request of parents of Kirtee Parida a PwD (Intellectual Disability/ Autism Disorder) studying in B.Tech-II Semester-IV, bearing admission no U22CH011 for special provision for person with disabilities in the examination as per AICTE guide line no. 6 (Appendix 3)</b>
<b>Reso. 8</b>	<p>The Item was discussed at length and following resolutions were adopted.</p> <p>(i) Provision of Scribes for the students who find difficulty in writing, visual impairment etc. as per rules/decisions of Govt. of India.</p> <p>(ii) Extension of time 20 minutes per hour for the students who is using scribe and students who find difficulty in writing examinations.</p> <p>The scribe may be paid honorarium of Rs.500/- per hour by the Institute. Prior approval may be taken in case of permitting scribe for the candidate.</p>
<b>Item 9</b>	<p><b>To approve the proposed dates of MINDBEND 2024.</b></p> <p>To consider the request of the students for the proposed dates of MINDBEND 2024 that are 15<sup>th</sup>, 16<sup>th</sup> and 17<sup>th</sup> of March. 2024. The proposed dates have been carefully selected to ensure minimal disruption to the regular academic schedule.</p>
<b>Reso. 9</b>	The proposed dates were approved.
<b>Item 10</b>	<p><b>To decide the Faculty Cadres and modalities for choosing the Senate representatives for the membership of the Board of Governors of the SVNIT.</b></p> <p>In the 46th Senate meeting, held on January 6, 2020, it was decided to invite nominations among the Professor and Associate Professor Faculty Cadres. Dr. H. K.</p>

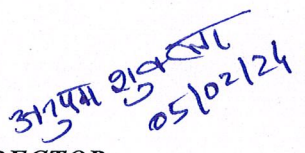
*Pranav*  
5/7/22



	Raval (Professor (HAG), Mechanical Engineering, SVNIT) and Dr. N.D. Jariwala (Associate Professor, Civil Engineering, SVNIT) were nominated as the Senate representatives in the Board. Their terms are going to complete on February 25, 2024. (53 <sup>rd</sup> Senate) The Senate has requested to adopt the resolution to fill the vacancies arising from the term expiry.						
<b>Reso. 10</b>	<p>It was resolved to constitute a committee of the following members for inviting the applications from Professor and Associate Professor or Assistant Professor faculty cadres for Senate representatives to the BoG :</p> <table> <tr> <td>1. Prof. M. A. Zaveri, Professor &amp; Head, DOCSE</td><td>Chairman</td></tr> <tr> <td>2. Prof. V. L. Manekar, Professor, DOCE</td><td>Member</td></tr> <tr> <td>3. Prof. J. N. Sarvaiya, Professor &amp; Head, DoEcE</td><td>Member</td></tr> </table> <p>The committee would recommend three names from each cadre to the Chairman, Senate for taking the final decision in nominating the members to the BoG as representative of the Senate from the Institute.</p>	1. Prof. M. A. Zaveri, Professor & Head, DOCSE	Chairman	2. Prof. V. L. Manekar, Professor, DOCE	Member	3. Prof. J. N. Sarvaiya, Professor & Head, DoEcE	Member
1. Prof. M. A. Zaveri, Professor & Head, DOCSE	Chairman						
2. Prof. V. L. Manekar, Professor, DOCE	Member						
3. Prof. J. N. Sarvaiya, Professor & Head, DoEcE	Member						
	<i>Item from Chair</i>						
<b>Item 11</b>	To consider the proposed scheme for Integrated B.Tech.+ M.Tech. program in Artificial Intelligence Department ( <b>Appendix 4</b> ).						
<b>Reso. 11</b>	The item was recommended for the approval of the BoG.						
<b>Item 12</b>	To approve the Guidelines for Utilization of Contingency Funds by the Research Scholars and M.Tech Students ( <b>Appendix 5</b> ).						
<b>Reso. 12</b>	The Item was approved.						
<b>Item 13</b>	To consider the proposal for Joint PhD Program for Fresh Graduate /PG & Working Executives with L&T Institute of Project Management, Vadodara ( <b>Appendix 6</b> ).						
<b>Reso. 13</b>	The item was approved in principle. The detailed proposal and modality may be explored and be submitted in subsequent Senate meeting.						

The meeting ended with the thanks to the Chair.

  
**REGISTRAR**  
 SECRETARY- SENATE  
 2.2.24

  
**DIRECTOR**  
 CHAIRMAN-SENATE





Date: 30/10/2023

### Minutes of the 59<sup>th</sup> meeting of the Senate held on October 12, 2023

The aforesaid meeting was held on October 12, 2023, at 03:30 p.m. onwards at the Institute Conference room in the hybrid mode. The following members were present in the meeting:

(1)	Dr. Anupam Shukla, Professor & Director, SVNIT, Surat	Chairman
(2)	Dr. R. P. Tewari, Professor, DoAM, MNNIT Allahabad	External Member
(3)	Dr. Omkarprasad S. Vaidya, Professor, IIM Lucknow	External Member
(4)	Dr. Shashi Bala Singh, Director, NIPER, Hyderabad	External Member
(5)	Dr. H.R. Jariwala, Asso. Prof. & Dean (Academic), SVNIT, Surat	Member
(6)	Dr. D. C. Jinwala, Prof. & Dean (R&C), SVNIT, Surat	Member
(7)	Dr. C. D. Modhera, Prof. & Dean, (FW), SVNIT, Surat	Member
(8)	Dr. Upena D. Dalal, Professor & Dean (A&RG), SVNIT, Surat	Member
(9)	Dr. Ravi Kant, Asso. Prof. & Dean (SW), SVNIT, Surat	Member
(10)	Dr. S. S. Arkatkar Asso. Prof. & I/c. Dean (P&D), SVNIT, Surat	Member
(11)	Dr. M. Chakraborty, Prof. &, DoChE, SVNIT, Surat	Member
(12)	Dr. R.A. Christian, Prof. & Head, DoCE, SVNIT, Surat	Member
(13)	Dr. A. K. Panchal, Prof. & Head, DoEE, SVNIT, Surat	Member
(14)	Dr. A. A. Shaikh, Prof. & Head, DoME, SVNIT, Surat	Member
(15)	Dr. R. G. Mehta, Asso. Prof. & I/c. Head, DoCSE, SVNIT, Surat	Member
(16)	Dr. R. N. Dhavse, Asso. Prof. & I/c. Head, DoECE, SVNIT, Surat	Member
(17)	Dr. S.J. Patel, Asso. Prof. & I/c. Head, DoAI, SVNIT, Surat	Member
(18)	Dr. S.N. Sharma, Prof. & Head, DoP, SVNIT, Surat	Member
(19)	Dr. V.H. Pradhan, Prof. & Head, DoM, SVNIT, Surat	Member
(20)	Dr. K. P. Desai, Prof. & Head DoHSS, DOMS and I/c. Head, DoC, SVNIT, Surat	Member
(21)	Dr. Z. V. P. Murthy, Professor, DoChE, SVNIT, Surat	Member
(22)	Dr. P. A. Parikh, Professor, DoChE, SVNIT, Surat	Member
(23)	Dr. P. L. Patel, Professor, DoCE, SVNIT, Surat	Member
(24)	Dr. J. N. Patel, Professor, DoCE, SVNIT, Surat	Member
(25)	Dr. A. K. Desai, Professor, DoCE, SVNIT, Surat	Member
(26)	Dr. C. H. Solanki, Professor, DoCE, SVNIT, Surat	Member
(27)	Dr. G.J. Joshi, Professor, DoCE, SVNIT, Surat	Member
(28)	Dr. S. A. Vasanwala, Professor, DoCE, SVNIT, Surat	Member
(29)	Dr. S. M. Yadav, Professor, DoCE, SVNIT, Surat	Member
(30)	Dr. K. A. Chauhan, Professor, DoCE, SVNIT, Surat	Member
(31)	Dr. P. G. Agnihotri, Professor, DoCE, SVNIT, Surat	Member
(32)	Dr. Rakesh Kumar, Professor, DoCE, SVNIT, Surat	Member
(33)	Dr. M. Mansoor Ahammed, Professor, DoCE, SVNIT, Surat	Member



(34)	Dr. D. R. Patel, Professor, DoCSE, SVNIT, Surat	Member
(35)	Dr. A. Chowdhury, Professor, DoEE, SVNIT, Surat	Member
(36)	Dr. R. Chudamani, Professor, DoEE, SVNIT, Surat	Member
(37)	Dr. H. K. Raval, Professor, DoME, SVNIT, Surat	Member
(38)	Dr. J. Banerjee, Professor, DoME, SVNIT, Surat	Member
(39)	Dr. S. Kumar, Professor, DoME, SVNIT, Surat	Member
(40)	Dr. A. K. Shukla, Professor, DoMH, SVNIT, Surat	Member
(41)	Dr. N. Adlakha, Professor, DoMH, SVNIT, Surat	Member
(42)	Dr. Pramod Mathur, Registrar, SVNIT, Surat	Secretary
(43)	Ayushman Tiwary, Student General Secretary, SVNIT, Surat	Invitee

The leave of absence was noted for the following members.

(1)	Dr. J.K. Parikh, Professor, DoChE, SVNIT, Surat	Member
(2)	Dr. V.L. Manekar, Professor, DoCE, SVNIT, Surat	Member
(3)	Dr. V. A. Shah, Professor, DoEE, SVNIT, Surat	Member
(4)	Dr. R. Venkata Rao, Professor, DoME, SVNIT, Surat	Member
(5)	Dr. D. P. Vakharia, Professor, DoME, SVNIT, Surat	Member
(6)	Dr. T. N. Desai, Professor, DoME, SVNIT, Surat	Member
(7)	Dr. K. N. Pathak, Professor, DoP, SVNIT, Surat	Member
(8)	Dr. S. Jauhari, Professor, DoC, SVNIT, Surat	Member
(9)	Dr. M. A. Zaveri, Prof. and Head, DoCSE & DoAI	Member
(10)	Dr. J. N. Sarvaiya, Prof. & Head, DoECE, SVNIT, Surat	Member

### **INTRODUCTION BY THE CHAIRMAN**

At the outset, the Chairman Senate warmly welcomed the Members of the Senate, including the External Members Dr. R. P. Tewari, Professor, MNNIT Allahabad, Dr. Omkarprasad S. Vaidya, Professor, IIM Lucknow and Dr. Shashi Bala Singh, Former Director, NIPER, Hyderabad; who were present online for the Senate meeting.

The Chairman briefed the members about the achievement of following four faculty members of the Institute for featuring in the list of “**career-long citation impact**” and also congratulated them.

1. Prof. R.V. Rao, Department of Mechanical Engineering
2. Dr. S. K. Sahoo, Department of Chemistry
3. Dr. K. Suresh Kumar, Department of Chemistry,
4. Prof. Z.V.P. Murthy, Department of Chemical Engineering

Further, he mentioned about the achievement of following Seven faculty members of the Institute for featuring in the list of “**Single Year 2022 citation impact**” and also congratulated them.

1. Prof. R.V. Rao, Department of Mechanical Engineering
2. Dr. K. Suresh Kumar, Department of Chemistry
3. Dr. S. K. Sahoo, Department of Chemistry
4. Dr. M. K. Rathod, Department of Mechanical Engineering



5. Prof. Z.V.P. Murthy, Department of Chemical Engineering
6. Dr. D.R. Roy, Department of Physics
7. Dr. S R. Arya, Department of Electrical Engineering

After that, the General Secretary of Student Council, Mr. Ayushman Tiwary, expressed the concern regarding Internship/ Vocational Training and B. Tech. Minor degree programmes, which are not offered for the ongoing 2<sup>nd</sup> year students.

Thereafter, the Dean (Academic) was requested to proceed with the agenda items.

**Items and resolutions:**

<b>Item 1</b>	To confirm the minutes of the 58 <sup>th</sup> meeting of the Senate held on May 31, 2023. ( <b>Appendix 1 &amp; 2</b> ).
<b>Reso. 1</b>	Modifications as suggested in Appendix 1 are approved and the minutes of the 58 <sup>th</sup> meeting of the Senate placed at ( <b>Appendix 2</b> ) are confirmed.
<b>Item 2</b>	To note and approve the actions taken on the resolutions adopted in the 58 <sup>th</sup> meeting of the Senate held on May 31, 2023. ( <b>Appendix 3</b> ).
<b>Reso. 2</b>	Noted and approved.
<b>Item 3</b>	<b>To consider and adopt resolutions about the 'recommendations' made in the 63<sup>rd</sup> meeting of the Institute Academic Advisory Committee (IAAC) held on 7 July, 2023.</b> Link: <a href="https://svnit.ac.in/Data/minutes/iaac/63rd%20MEETING%20OF%20INSTITUTE%20ACADEMIC%20ADVISORY%20COMMITTEE.pdf">https://svnit.ac.in/Data/minutes/iaac/63rd%20MEETING%20OF%20INSTITUTE%20ACADEMIC%20ADVISORY%20COMMITTEE.pdf</a>
<b>Item 3.63.1</b>	To discuss and adopt the revised Academic Calendar for the Academic Year 2023-24. Revised Calendar Approved. ( <b>Annexure-I</b> )
<b>Reso. 3.63.1</b>	The revised Academic Calendar for the Year 2023-24 is approved.
<b>Item 3.63.2</b>	To discuss the report submitted by the committee for revisions in admission criteria for M.Tech. (Research and Sponsored Category) and Ph.D. category conversion from the Academic year 2023-24.  The recommendations of the committee were accepted as follows and will be incorporated in the Academic Regulations 2023-24 after the Senate approval.  (a) For admission criteria of M.Tech. (Research and Sponsored Category) was discussed and suggested as under: 1) The minimum experience required for admission should be 2 years of full-time work experience after graduation in a registered firm/ company / industry / educational or research institute / any government department or government autonomous organizations. 2) Last minimum gross salary of the applicant should be Rs. 20000/- per month.  (b) Ph.D. Category conversion only first point of the recommendations was accepted after discussion for inclusion in the existing rules which is as follows. Full time Project Staff Scholar may be allowed for conversion as Full time Institute Scholar as per the eligibility criteria of respective category to be converted. GATE/NET is required for conversion to Full time Institute Research Scholar. ( <b>Annexure-II</b> )
<b>Reso. 3.63.2</b>	The recommendations of the committee as listed in the item 3.63.2 are approved.



<b>Item 3.63.3</b>	<p>The MoU between SVNIT and Indian Institute of Technology, Bhilai is already signed for academic, research collaboration, and student exchange programmes and to create a shared pool of faculty resources between the two institutions.</p> <p>It is resolved to forward the proposal of the joint Ph.D. program for approval by the Senate starting from the year 2023-24. The MoU copy is attached in. <b>(Annexure-III)</b></p>
<b>Reso. 3.63.3</b>	Approved.
<b>Item 3.63.4</b>	<p>Admission Criteria for the Ph.D. Admission (Eligible Degree). The Ph.D. Degree Certificate should be changed (name of discipline to be omitted) so as to include the interdisciplinary research. The candidates from discipline other than Chemical Engineering &amp; allied branches should exhibit the research potential in the desired field of Chemical Engineering. Further upon changing the format, the degree allowed for the Ph.D. admission in the Department of Chemical Engineering are as follows:</p> <p>B.Tech./B.E./Equivalent and M.Tech./M.E./Equivalent in Chemical Engineering &amp; allied branches</p> <p>B.Tech./B.E./Equivalent and M.Tech./M.E./Equivalent in Mechanical Engineering,</p> <p>B.Tech./B.E./Equivalent and M.Tech./M.E./Equivalent in Civil Engineering,</p> <p>B.Tech./B.E./Equivalent and M.Tech./M.E./Equivalent in Environmental Engineering,</p> <p>B.Tech./B.E./Equivalent and M.Tech./M.E./Equivalent in Energy Engineering / Technology,</p> <p>B.Tech./B.E./Equivalent and M.Tech./M.E./Equivalent in Electronics Engineering,</p> <p>B.Tech./B.E./Equivalent and M.Tech./M.E./Equivalent in Electrical Engineering, B.Sc. and M.Sc. (or integrated M.Sc.) with GATE/NET/CSIR Exam qualification B.Pharm and M.Pharm.</p> <p>Admission Criteria for the Ph.D. Admission (Eligible Degree) was discussed and accepted except the following criteria:</p> <p>“B.Sc. and M.Sc. (or integrated M.Sc.) with GATE/NET/CSIR Exam qualification B.Pharm and M.Pharm”.</p>
<b>Reso. 3.63.4</b>	The admission criteria for the Ph.D. Admission (Eligible Degree) of Department of Chemical Engineering is approved including B.Sc. and M.Sc. (or integrated M.Sc.), B.Pharm and M.Pharm with GATE/NET/CSIR Exam qualification.
<b>Item 3.63.5</b>	<p>To consider the enhancement of remuneration to the foreign examiner of the Ph.D. Thesis regarding.</p> <p>It was discussed and proposed an enhancement in remuneration to the Foreign Examiner and Indian Examiner of the Ph.D. thesis reviewer respectively from US \$ 200 to US \$ 300 for the Foreign Examiner and Rs. 5000 to Rs. 10000/- for Indian Examiner and decided to forward the same to Senate and Finance Committee approval. <b>(Annexure-IV)</b></p>
<b>Reso. 3.63.5</b>	The enhancement in remuneration to the Foreign Examiner from US \$ 200 to US \$ 300 and to the Indian Examiner from Rs. 5000 to Rs. 7500/- for the evaluation of the Ph. D. thesis is recommended for the approval of the Finance Committee.
<b>Item 3.63.6</b>	The list of NPTEL, SWAYAM and other Massive Open Online Courses (MOOC) to be offered in Semester III of M.Tech. CSE is approved. <b>(Annexure-V)</b>
<b>Reso. 3.63.6</b>	Approved



<b>Item 3.63.7</b>	A request of B. Sai Sandeep (DS18EL007), working under the supervision of Dr. H.G. Patel and Dr. K.D. Mistry for the category conversion from the FIR to PEC The students have completed 3 semesters and also submitted 'No Objection Certificates' from the respective Employers with the recommendations. (Joined KPIT Technologies Ltd as Test Leader w.e.f 2/5/2023). Approved as per Academic Regulations 11.3 (d)
<b>Reso. 3.63.7</b>	Noted.
<b>Item 3.63.8</b>	A request of Ms. Swati Sakhare (D14EC006), working under the supervision of Dr. U.D. Dalal for submission of compliance report. Swati Sakhare could not submit the compliance report within due course of time (6 months after receiving comment from Examiners) due to very odd situations in her life such as domestic violence and severe health issues. A request of Ms. Swati Sakhare (D14EC006), working under the supervision of Dr. U.D. Dalal for submission of compliance report was approved.
<b>Reso. 3.63.8</b>	Noted.
<b>Item 3.63.9</b>	To discuss about implementation of joint Ph.D. Programme with Indian Institute of Technology, Jammu. Suggestions were requested from the HoDs and the members for implementation of joint Ph.D. programme and student exchange with IIT Jammu as well as IIT Gandhinagar as per MoU signed. ( <b>Annexure-VI</b> )
<b>Reso. 3.63.9</b>	Approved
<b>Item 3.63.10</b>	To discuss the format for PhD degree certificate and including the Minor Degree in existing B.Tech. Degree Certificate. Formats were recommended as per <b>Annexure-VII</b> .
<b>Reso. 3.63.10</b>	Formats are approved.
<b>Item 3.63.11</b>	Vocational Training / Professional Field Experience list received from the department for approval, if any. Department of Mechanical Engineering has proposed the syllabus of Vocational Training and recommended for the approval of the Senate. Other HoDs are also requested to propose such Vocational Training for publishing on the institute web site as a part of NEP implementation. ( <b>Annexure-VIII</b> )
<b>Reso. 3.63.11</b>	Approved.
<b>Item 3.63.12</b>	To discuss and modify the number of credits of the final semester – dissertation of M.Tech. programme in connection of NEP implementation for a total of 80 credits. As the institute is implementing NEP 2020 from the academic year 2023-24 for UG and MSc programs, a similar implementation at MTech requires to modify the number of credits of the final semester – dissertation of M.Tech. programme for a total of 80 credits. It was suggested that the same point can be discussed at the department level and the modification in the credits can be proposed by the respective DAAC for further action.
<b>Reso. 3.63.12</b>	Noted



<b>Item 3.63.13</b>	To consider and approve the syllabus of PH601/PH602 "Research Methodology for Science" as the Department of Physics course for Ph.D. students from the Academic Year 2023-24. (Annexure-IX)
<b>Reso. 3.63.13</b>	Approved.
<b>Item 3.63.14</b>	<p>To consider the application received from Rahul V. Prajapati (DS15CH002) working under the supervision of Dr. J.K. Parikh and Arun M. Patel (DS15CH004) working under the supervision of Dr. S. R. Patel preferably for 2 semester extension of the registration period for Ph.D. beyond seven and half years.</p> <p>As per Academic Regulation, 11.5 (a) and Reso. 2 of the 57<sup>th</sup> meeting of IAAC held on 22/7/2022. They completed the seven years as per the institute rule and additional half-year duration (the extended duration for the COVID reason). The request for the extension for duration of 6 months for completing pre-synopsis and thesis submission is recommended for Senate approval.</p>
<b>Reso. 3.63.14</b>	Approved as a special case.
<b>Item 3.63.15</b>	<p>Regarding the conduction of the Supplementary Examination.</p> <p>At present the supplementary examination is conducted twice in the year for both ODD and EVEN semesters (i) in the month of July and (ii) in the month of February.</p> <p>The above point is discussed and it is resolved that for the benefit of the students the supplementary examination should be conducted once for ODD and EVEN semesters respectively, that is, in the month of May and July in the following manner: The ODD semester supplementary examination may be conducted immediately in the next week after the completion of EVEN semester examination in the month of May. Whereas the EVEN semester supplementary examination may be conducted in the month of July one week before the beginning of the next academic year.</p>
<b>Reso. 3.63.15</b>	<p>The above point was discussed at length and following resolution was adopted:</p> <p>The supplementary examination of ODD semester should be conducted in the month of February whereas the supplementary examination of EVEN semester should be conducted in the month of July one week before the beginning of the next academic year.</p>
<b>Item 3.63.16</b>	<p>Regarding detailed syllabus of Second year of each programme for the new scheme 2023-24 and the proposal of Minor and Honors programmes in various departments under NEP implementation.</p> <p>The HoDs were requested for preparing the detailed syllabus as for the Second year of each programme as per the new curriculum scheme 2023-24 and the possible list of Specialization tracks, Minor and Honors programmes that can be offered across various programmes with mutual discussion so that the name of Specialization tracks, Minor and Honors programmes can be finalized with the list of subjects in the ensuing IAAC meeting.</p>
<b>Reso. 3.63.16</b>	Noted
<b>Item 3.63.17</b>	<p>Regarding the reservation implementation for Ph.D. Programme admission.</p> <p>As per the MoE guidelines for reservation implementation in Ph.D. programme admission, the following strategy is recommended for Senate approval.</p> <p>The total intake will be decided by each department in the Ph.D. programme at the institute level and based on the percentage of reservations under different categories, the</p>



total intake seats will be distributed (Table 1).

Category: Open(0), EWS(1), OBC(2), SC(3), ST(4)

Percentage reservation: 40.5% for Open (0), 10% for EWS (1), 27% for OBC (2), 15% for SC (3), and 7.5% for ST (4).

The category-wise preference for a selection of a student under a particular category for each faculty will be defined for admission in each semester (Table 2).

The category-wise preference will be changed in a round-robin manner for the next semester's Ph.D. admission (Table 3).

The category-wise Ph.D. seat allocation in terms of admitted students (Table 4) and vacant seats (Table 5) will be maintained by each department.

To obtain Table 3 from Table 2

1. Cross mark all entries in the Category Preference Matrix which are exhausted in the department and also
2. Cross mark entry that the faculty selected a student of a particular category in the last semester's Ph.D. admission.

For example,

Table 2

Category Preference Matrix Faculty wise for current semester admission

	Open	EWS	OBC	SC	ST
Faculty	0	1	2	3	4
F1	1	2	3	4	0
F2	2	3	4	0	1
F3	3	4	0	1	2

Table 3

Category Preference Matrix Faculty wise for next semester admission

	Open	EWS	OBC	SC	ST
Faculty	0	1	2	3	4
F1	2	3	4	0	1
F2	3	4	0	1	2
F3	4	0	1	2	3



Table 1

Number of Regular Faculty members in the department	Number of PhD scholars per faculty member	Total Intake	PWD %	FIR							
12	10	120	5	4							
	Open (0)	PWD	EWS (1)	PW D	OBC (2)	PWD	SC (3)	PWD	ST (4)	PWD	
%	40.5		10		27		15		7.5		100
	49		12		32		18		9		120
	47	2	11	1	30	2	17	1	9	0	120
Existing											0
Vacant	47	2	11	1	30	2	17	1	9	0	120

Table 4

	Existing												
	Open		EWS		OBC		SC		ST		Total	Total	Total
Faculty	FIR	Others	FIR	Others	FIR	Others	FIR	Others	FIR	Others	FIR	Others	
F1													
F2													
F3													

Table 5

	Vacant												
	Open		EWS		OBC		SC		ST		Total	Total	Total
Faculty	FIR	Others	FIR	Others	FIR	Others	FIR	Others	FIR	Others	FIR	Others	
F1	4	6											
F2													
F3													

**Reso.** Approved  
**3.63.17**

**Item 4** To consider and adopt resolutions about the 'recommendations' made in the 16<sup>th</sup> meeting of the Standing Executive Committee (SEC) held on September 12, 2023.  
Link: <https://www.svnit.ac.in/Data/minutes/sec/16th%20Meeting.pdf>

**Item 4.1** To reconsider the resolution No. 1 and No. 3a of APRC meeting No. Acad/APRC/2023-24/390, dated 10 Aug., 2023.

Implementation of National Education Policy (NEP) from AY 2023-24 and Full-semester Internship in 8<sup>th</sup> Semester from AY 22-23, the major changes were carried out in the curriculum of all programmes in terms of inclusion of new subjects, reshuffling of the subjects and omission of few subjects in most of the semesters.

Due to this, it is very difficult to implement the resolution number 1 of APRC meeting No. Acad/APRC/2023-24/390, dated 10 Aug., 2023, that is,



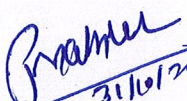
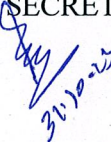
	<p>re-register and re-study of the failure courses again in the same semesters of Academic Year 2023-24 for the failure students of Academic Year 2022-23. In this context, it is resolved that tentative registration of the students who have failed (i.e. who have obtained 'FF', 'NA', 'NF' and 'II' grade) in more than three courses (i.e. theory subject, practical, workshop, seminar, project etc) of odd plus even semesters together at previous academic year 2022-2023 be cancelled for Academic year 2023-24 and these students should be allowed to appear for supplementary examination by paying examination fees and fill examination forms for appearing at the appropriate supplementary examinations for the failed courses ('FF', 'NA', 'NF' and 'II' grade courses). (including theory, practical, workshop, seminar, project, etc.) (Odd &amp; Even Semester) to be held during Jan./Feb. 2024 and June/July 2024 for the Academic Year 2023-24.</p> <p>Also, resolved that full tuition fee, if paid, be refunded to these students, who have paid the fees for the odd semester of B.Tech./ M.Sc. for the Academic Year 2023-24 as a process of re-registration.</p> <p>Further it is resolved that they will be allowed to register for their next year study in Academic Year 2024-25, if they fulfill the criteria of failed in 3 or less than 3 courses in the current academic year 2023-24.</p>
<b>Item 4.2</b>	<p>Considering the theory and practical backlog awarded grades NA, FF, and II in the same subject as one backlog instead of two backlogs.</p> <p>The committee discussed various representations with the respect to above item from the students to consider the theory and practical backlogs in the same subject as one backlog as it is increasing the number of backlogs crossing the current threshold of three in number and affects the registration in the consecutive academic year and reduces the job prospect in the long run. The committee discussed the issue in detail and its effects. It is resolved that the backlog in theory and practical for the same subject will be considered as one backlog for the students awarded the grade NA, FF and II in the last examination held as well as it will be also effective for all students from the Academic Year 2023-24 onwards.</p> <p>Hence, (a) the following students be allowed to register in their <math>n^{\text{th}}</math> year as their <math>(n-2)^{\text{nd}}</math> year courses is a single course with theory and practical together.</p> <ol style="list-style-type: none"> <li>1. U19CE020 – KRISHABH KAPOOR</li> <li>2. U19CS089 – ADIMULAM TEJA NAGENDRA SATYA SAI</li> </ol> <p>(b) The following students be allowed to register in their <math>n^{\text{th}}</math> year with a 4 subject backlog, out of which one of the subject is a Theory and Practical/Laboratory subject (with 'FF', 'NA' grade only) in their <math>(n-1)^{\text{th}}</math> year courses.</p> <ol style="list-style-type: none"> <li>1. U19CS122 - SOMAGONI DHANESH</li> <li>2. U20EC126 – RISHIKESH KUMAR</li> </ol>
<b>Item 4.3</b>	<p>To reconsider the resolution No. 1 and No. 3b of APRC meeting No. Acad/APRC/2023-24/390, dated 10 Aug., 2023 for the students awarded 'XX' grade in the AY 2022-23 examinations.</p>

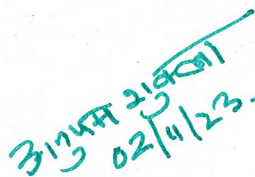


	<p>Implementation of National Education Policy (NEP) from AY 2023-24 and Full-semester Internship in 8<sup>th</sup> Semester from AY 22-23, the major changes were carried out in the curriculum of all programmes in terms of inclusion of new subjects, reshuffling of the subjects and omission of few subjects in most of the semesters.</p> <p>Due to this, it is very difficult to implement the resolution number 1 of APRC meeting No. Acad/APRC/2023-24/390, dated 10 Aug., 2023, that is, re-register and re-study of the failure courses again in the same semesters of Academic Year 2023-24 for the failure students of Academic Year 2022-23. In this context, it is resolved that tentative registration of these students who have failed (i.e. who have obtained 'FF', 'NA', 'NF', 'XX' and 'II' grade) in more than three courses (i.e. theory subject, practical, workshop, seminar, project etc) of odd plus even semesters together at previous academic year 2022-2023 be cancelled for Academic year 2023-24 and these students should be allowed to clear the subject in which 'XX' grade is awarded through 50 number of contact hours for a 'XX' grade subject (minimum 30 for theory and 20 for practical) by paying 20% of total tuition fees of the year per subject towards the mentoring, excluding the examination fees and fill examination forms for appearing at the appropriate supplementary examination to be held during Jan./Feb. 2024 and June/July 2024 for the Academic Year 2023-24. The concerned course coordinator / Subject teacher will serve as mentor and will do the mentoring in the evening hours. The honorarium of Rs.10,000 per subject will be paid to the course co-ordinator/Subject teacher, towards the mentoring the students. The honorarium of Rs. 2000 to the Lab Technician and Rs. 1000 to the Lab Attendant will be paid if a student is having 'XX' grade in any of the subject having laboratory.</p> <p>Above resolution is also applicable to the students who are failed in three or less than three subjects with 'XX' grades (Ref. Reso. 3b of APRC meeting No. Acad/APRC/2023- 24/390, dated 10 Aug., 2023)</p> <p>Above all resolutions will be applicable to the 1<sup>st</sup> year students of AY 2022-23 in similar cases whose APRC is yet to be called.</p>
<b>Reso. 4</b>	<p>The minutes of 16<sup>th</sup> SEC of Senate were noted with following modification: The part of resolution of Item 4.1:</p> <p>Also, resolved that <b>full tuition fee</b>, if paid, be refunded to these students, who have paid the fees for the odd semester of B.Tech./ M.Sc. for the Academic Year 2023-24 as a process of re-registration.</p> <p>should be read as:</p> <p>Also, resolved <b>that full fee</b>, if paid, be refunded to these students, who have paid the fees for the odd semester of B.Tech./ M.Sc. for the Academic Year 2023-24 as a process of re-registration.</p>
<b>Item 5</b>	<p><b>To consider and recommend the proposal of awarding the Degrees to the students in the 20<sup>th</sup> Convocation of the Institute.</b></p> <p>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 20<sup>th</sup> Convocation. The Academic Programmes are Bachelor of</p>

	Technology, Master of Technology, Master of Sciences (Five years Integrated Programme) and Doctor of Philosophy. The Senate is requested to make the recommendation to the Board of Governors (BoG) to approve Degree Certificate and grant authority for signature as mentioned in the Certificates. <b>(Appendix 4)</b>
<b>Reso. 5</b>	The data of the Graduants to be awarded the degree certificates in the 20th Convocation was presented by Dean (Academic). The Academic Programmes are Bachelor of Technology, Master of Technology, Master of Sciences (Five years Integrated Programme) and Doctor of Philosophy. The total number of Degree and Recipients is 1434. The total number of Medalists and Cash Prize Recipients are Thirty-five (35) and two (2) respectively. The Senate made the recommendation to the Board of Governors (BoG) for conferment of degree to the students who have completed their degree requirements for the academic year 2022-23 and grant the authority to sign the Degree Certificates. The comprehensive list of the Degree Recipients passed out in the academic year 2022-23 is appended in <b>Appendix 4</b> . The date of conferment of degree shall be the date of approval by the Board of Governors.
	<b>Item from Chair</b>
<b>Item 6</b>	Proposal for Establishment of Centre of Excellence in Computational Linguistic and Indian Language from the Department of Electronics and Communication Engineering <b>(Appendix 5)</b> .
<b>Reso.6</b>	The item was discussed and recommended for the approval of the BoG.
<b>Item 7</b>	Proposal for Establishment of Centre of Excellence in Indian Knowledge System and Holistic Education from the Department of Electronics and Communication Engineering <b>(Appendix 6)</b> .
<b>Reso.7</b>	The item was discussed and recommended for the approval of the BoG.
<b>Item 8</b>	To consider and approve Regarding the Hostel Discipline Rules. A committee was framed to prepare the Hostel Discipline Rules Vide Letter No. E/Hostel Discipline/965 date July 13, 2023. The Discipline Rules were framed and placed for the approval of the Director. Further, these Discipline Rules were included in the Hostel Information brochure. The Senate is requested to approve the same <b>(Appendix 7)</b>
<b>Reso.8</b>	Approved.

The meeting ended with the thanks to the Chair.

  
31/10/2023  
**REGISTRAR**  
SECRETARY- SENATE  
  
31/10/23

  
31/10/2023  
02/11/23.  
**DIRECTOR**  
CHAIRMAN-SENATE





**Appendix 2**  
**of the 60<sup>th</sup> Senate Agenda Item**

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

The Actions Taken Report on the minutes of the 59<sup>th</sup> meeting of the Senate of the Sardar Vallabhbhai National Institute of Technology, Surat held on **Thursday, October 12, 2023, 3:30 p.m.** onwards is appended below.

No.	Resolutions	Actions Taken
Res. 1	Resolved that the minutes of the 59 <sup>th</sup> meeting of the Senate held on 12 <sup>th</sup> October, 2023 be confirmed.	Noted.
Res. 2	The “Actions Taken Report” was presented by Dean (Academic). The House noted and approved the actions taken on the 59 <sup>th</sup> meeting of the Senate held on 12 <sup>th</sup> October, 2023.	Noted and the actions initiated.
Res. 3	It is resolved that the action taken in the 63 <sup>rd</sup> meeting of the Institute Academic Advisory Committee (IAAC) held on July 7, 2023 be noted and approved.	
	a) Reso. 3.63.1 The revised Academic Calendar for the Year 2023-24	Approved
	b) Reso. 3.63.2 reg. revisions in admission criteria for M.Tech. (Research and Sponsored Category) and Ph.D. category conversion from the Academic year 2023-24. (a) For admission criteria of M.Tech. (Research and Sponsored Category) 1) The minimum experience required for admission should be 2 years of full-time work experience after graduation in a registered firm/ company / industry / educational or research institute / any government department or government autonomous organizations. 2) Last minimum gross salary of the applicant should be Rs. 20000/- per month. b) Ph.D. Category conversion only first point of the recommendations was accepted after discussion for inclusion in the existing rules which is as follows. Full time Project Staff Scholar may be allowed for conversion as Full time Institute Scholar as per the eligibility criteria of respective category to be converted. GATE/NET is required for conversion to Full time Institute Research Scholar.	The recommendations of the committee were accepted
	c) Reso. 3.63.3 regarding The MoU signed between SVNIT and Indian Institute of Technology, Bhilai	Noted
	d) Reso. 3.63.4 regarding The admission criteria for the Ph.D. Admission (Eligible Degree) of Department of Chemical Engineering is approved including B.Sc. and M.Sc. (or integrated M.Sc.), B.Pharm and M.Pharm with GATE/NET/CSIR Exam qualification.	Approved
	e) Reso. 3.63.5 The enhancement in remuneration to the Foreign Examiner from US \$ 200 to US \$ 300 and to the Indian Examiner from Rs. 5000 to Rs. 7500/- for the evaluation of the Ph. D. thesis is recommended for the	Recommended for the Approval of Finance Committee

		approval of the Finance Committee.	
	f)	Reso. 3.63.6 The list of NPTEL, SWAYAM and other Massive Open Online Courses (MOOC) to be offered in Semester III of M.Tech. CSE	Approved
	g)	Reso. 3.63.7 A request of B. Sai Sandeep (DS18EL007), working under the supervision of Dr. H.G. Patel and Dr. K.D. Mistry for the category conversion from the FIR to PEC	Approved
	h)	Reso. 3.63.8 A request of Ms. Swati Sakhare (D14EC006), working under the supervision of Dr. U.D. Dalal for submission of compliance report was approved.	Approved
	i)	Reso. 3.63.9 Suggestions were requested from the HoDs and the members for implementation of joint Ph.D. programme and student exchange with IIT Jammu as well as IIT Gandhinagar as per MoU signed.	Noted
	J)	Reso. 3.63.10 To discuss the format for PhD degree certificate and including the Minor Degree in existing B.Tech. Degree Certificate.	Approved
	k)	Reso. 3.63.11 Department of Mechanical Engineering has proposed the syllabus of Vocational Training and recommended for the approval of the Senate. Other HoDs are also requested to propose such Vocational Training for publishing on the institute web site as a part of NEP implementation.	Approved
	l)	Reso. 3.63.12 regarding modify the number of credits of the final semester – dissertation of M.Tech. programme in connection of NEP implementation for a total of 80 credits. As the institute is implementing NEP 2020 from the academic year 2023-24 for UG and MSc programs, a similar implementation at MTech requires to modify the number of credits of the final semester – dissertation of M.Tech. programme for a total of 80 credits. It was suggested that the same point can be discussed at the department level and the modification in the credits can be proposed by the respective DAAC for further action.	Noted
	m)	Reso. 3.63.13 The syllabus of PH601/PH602 “Research Methodology for Science” as the Department of Physics course for Ph.D. students from the Academic Year 2023-24.	Approved
	n)	Reso. 3.63.14 A request of Rahul V. Prajapati (DS15CH002) working under the supervision of Dr. J.K. Parikh and Arun M. Patel (DS15CH004) working under the supervision of Dr. S. R. Patel preferably for 2 semester extension of the registration period for Ph.D. beyond seven and half years.	Approved
	o)	Reso. 3.63.15 The supplementary examination of ODD semester should be conducted in the month of February whereas the supplementary examination of EVEN semester should be conducted in the month of July one week before the beginning of the next academic year.	Noted and implemented accordingly.



	p)	Reso. 3.63.16 Regarding detailed syllabus of Second year of each programme for the new scheme 2023-24 and the proposal of Minor and Honors programmes in various departments under NEP implementation.	Noted
	q)	Reso. 3.63.17 Regarding the reservation implementation for Ph.D. Programme admission as per the MoE guidelines for reservation implementation in Ph.D. programme admission The total intake will be decided by each department in the Ph.D. programme at the institute level and based on the percentage of reservations under different categories, the total intake seats will be distributed	Approved
Res. 4		Resolved to approve the 'recommendations' made in the 16 <sup>th</sup> meeting of the Standing Executive Committee (SEC) held on August 10, 2023. The minutes of 16 <sup>th</sup> SEC of Senate were noted with following modification: The part of resolution of Item 4.1: <i>Also, resolved that <b>full tuition fee</b>, if paid, be refunded to these students, who have paid the fees for the odd semester of B.Tech./ M.Sc. for the Academic Year 2023-24 as a process of re-registration. should be read as:</i> <i>Also, resolved <b>that full fee</b>, if paid, be refunded to these students, who have paid the fees for the odd semester of B.Tech./ M.Sc. for the Academic Year 2023-24 as a process of re-registration.</i>	Noted and implemented accordingly.
Res. 5		The data of the Graduants to be awarded the degree certificates in the 20th Convocation was presented by Dean (Academic). The Academic Programmes are Bachelor of Technology, Master of Technology, Master of Sciences (Five years Integrated Programme) and Doctor of Philosophy. The total number of Degree and Recipients is 1434. The total number of Medalists and Cash Prize Recipients are Thirty-four (34) and two (2) respectively. The Senate made the recommendation to the Board of Governors (BoG) for conferment of degree to the students who have completed their degree requirements for the academic year 2022-23 and grant the authority to sign the Degree Certificates. The comprehensive list of the Degree Recipients passed out in the academic year 2022-23. The date of conferment of degree shall be the date of approval by the Board of Governors.	Noted and the actions initiated.
Res. 6		Proposal for Establishment of Centre of Excellence in Computational Linguistic and Indian Language from the Department of Electronics and Communication Engineering	Recommended for the approval of the BoG.
Res. 7		Proposal for Establishment of Centre of Excellence in Indian Knowledge System and Holistic Education from the Department of Electronics and Communication Engineering	Recommended for the approval of the BoG.
Res. 8		To consider and approve Regarding the Hostel Discipline Rules. A committee was framed to prepare the Hostel Discipline Rules Vide Letter No. E/Hostel Discipline/965	Noted and the actions initiated.

	date July 13, 2023. The Discipline Rules were framed and placed for the approval of the Director. Further, these Discipline Rules were included in the Hostel Information brochure.	
--	---	--



DEAN ACADEMIC  
S.V.N.I.T., SURAT-7

INWARD No. ....

OUTWARD No. 1508

Date 11/01/2024

रासायनिक अभियांत्रिकी विभाग  
Department of Chemical Engineering  
स.व.रा.प्रौ.सं., सुरत-७ / S.V.N.I.T., Surat-7

जावक नं. OUTWARD No. 1465

दिनांक Date 05/01/24

Date 04<sup>th</sup> Jan 2024

To

Dean Academic

SVNIT, SURAT

(Through - HOD Chemical Engineering)

Sub: Special provisions for persons with Disabilities in the Examination as per AICTE Guidelines for inclusive education for all including persons with disability. (F. NO. AICTE/ P&AP/Misc/2022/ Dated 05.08.2022)

Dear Sir,

My son **Kirtee Parida** is a PwD ( Intellectual Disability/ Autism Spectrum Disorder) student studying in 2<sup>nd</sup> Year B. Tech Chemical Engineering, Semester- IV , bearing Admission no – **U22CH011**, Division – K.

We would like to request you kindly consider his case for Special provisions for persons with Disabilities in the Examination ( Refer Point no 6 of AICTE guide lines)

- Scribe with Extra Time.
- Objective type questions in question paper
- Separation of answer scripts for valuation ( considering the level of disability/ use of scribes etc)

Kirtee is presently availing scribe and extra time for his examination .We are very much thankful to SVNIT management and request your kind office to consider and approve all above points as per AICTE guide line.

For your ready reference we are enclosing here with the copy of AICTE Guidelines for inclusive education for all including persons with disability. (F. NO. AICTE/ P&AP/Misc/2022/ Dated 05.08.2022)

Autistic child are special child needs support for their study and career growth.

Request you kindly consider his case.

With regards

*Lucy Parida*  
Lucy Parida

Mother of Kirtee Parida

Encl:- AICTE Guidelines dated 05.08.2022

- National Education Policy (NEP) - 2020 guidelines
- CBSE guide line 12th April 2019
- SVNIT Times of India Publication dated, 19th July 2023.

To, Dean Academic  
per me in 1000

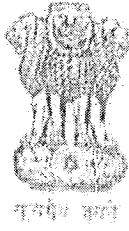
11.01.24  
DEAN (ACADEMIC)  
SVNIT, SURAT

विभागाध्यक्ष / Head  
रासायनिक अभियांत्रिकी विभाग  
Department of Chemical Engineering  
स.व.रा.प्रौ.सं., सुरत-७ / S.V.N.I.T., Surat-7





Phone : 011-26131577 - 78, 80  
011-29581000  
Website : www.aicte-india.org



अखिल भारतीय तकनीकी शिक्षा परिषद्  
(भारत सरकार का एक सार्वजनिक निकाय)  
(मानव संसाधन विकास मंत्रालय, भारत सरकार)  
नेल्सन मंडेला मार्ग, वसंत कुंज, नई दिल्ली-110070

**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
(A Statutory Body of the Govt. of India)  
(Ministry of Human Resource Development, Govt. of India)  
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

F. No. AICTE/P&AP/Misc/2022/

Dated: 05.08.2022

**CIRCULAR**

To

All Vice Chancellors of Technical Universities and  
All Directors/ Principals of AICTE Approved Institutions,

**Subject: AICTE Guidelines for inclusive education for all including persons with disabilities.**

Sir/Madam,

The National Education Policy (NEP) 2020 emphasizes equal opportunity for education for all, irrespective of caste, gender and abilities including Persons with Disabilities (PwDs). The introduction of the National Education Policy 2020 has accelerated the need for creation of an 'inclusive education' system that caters to students with both visible and invisible disabilities. As a step towards inclusive and equitable quality education, the NEP 2020 presents a reasoning case for provisions and implementation plans aimed at promoting accommodation of students with any type of disabilities into the Indian education system. The policy touches several grounds to address issues surrounding identification and engagement of students with disabilities, along with the creation of an enabling ecosystem.

In order to facilitate inclusive digital education for all, including Persons with Disabilities, AICTE has formulated following guidelines to be followed by AICTE Approved Institutions.

- 1) All AICTE Approved Institutions should establish a Cell known as "Equal Opportunity Facilitation Cell (EOFC)" with the following composition:

Sr. No.	Designation	EOFC
1.	Senior faculty	Nodal officer/Coordinator of EOFC
2.	Male/Female faculty	Member
3.	Male/Female Non-Teaching staff	Member
4.	Male/Female student	Member
5.	Representative of NGO working in the area of Empowerment of PwDs	Member
6.	Registrar/Admin officer	Member Secretary

The roles and responsibilities of the above Cell are summarized below:

- a) To promote admission of PwDs in technical institutions.
- b) To Create awareness among stakeholders in the area of equal opportunities on a regular basis.
- c) To address special needs of the students pertaining to teaching-learning process.
- d) To provide special assistance in training and placement of students with disabilities.
- e) To provide free laptops and internet charges to PwDs through Institute/State Government.
- f) To establish a teacher-mentor scheme for PwDs right from entry to exit from the institute.
- g) Develop disabled friendly teaching-learning process making use of modern tools and assistive technologies.



**2) Infrastructure Facility for Access to Persons with Physical Disabilities:**

- a) Wheelchair users can move without others help - provision of Ramps with minimum width of 1.5 Meters along with handrails at entrances, exits and passages.
- b) Adequate space (1.2 Meters) is required for movement of wheelchair users to enter into classrooms, laboratories, toilets and other areas within the building.
- c) Ramp slope is 1:12 for climbing by wheelchair users, even when they have a caregiver to push, steep slopes can be painful.
- d) Provision of lifts to accommodate wheelchair users to move different floors.
- e) Handrails for persons who use Crutches with anti-skid (non-slip) floor.
- f) Adequate space for turning.
- g) Accessible toilets with provision of hand rails in urinals, wheelchair access to utilities like washbasin, health facets, etc.
- h) Provision of Signages for easy movement.
- i) Reserved assembly area during emergencies such as accessible emergency fire alarms with flashing lights.
- j) Reserved designated parking.

**3) Facility for Access to Persons with Hearing Impairments:**

- a) Provision of information board in an easily understandable manner.
- b) Good acoustics in the classroom environment (Noisy fans can be distracting to persons wearing hearing aids).
- c) Provision of signages, layout map for movement to the desired place.
- d) Proper signages for emergency exits.
- e) Reserved designated parking.

**4) Facility for Access to Persons with Visual Impairments:**

- a) Provision of Braille Signages including tactile paving.
- b) Unobstructed covered corridors with handrails.
- c) Removal of protruding objects and low level roofing.
- d) Reserved designated parking.

**5) Provision of Accessible Teaching-Learning Process for Persons with Disabilities:**

To be able to achieve this goal, every Institution should create a cell/unit with the primary objective of ensuring inclusion of students with disability in the teaching-learning process. These cells be adequately funded both in terms of required resources as well as trained manpower. These units should also monitor progress by taking periodic feedback from students with disability. Training a large number of teachers who have full-time/part-time responsibility towards these activities itself is a challenge and special SWAYAM Courses are being proposed for the same. These teachers should be familiar with "accommodation" solutions for enrolled students even if the Institution is not fully accessible. Institutions should make following provisions:

- a) Provision of Sign Language Interpreters wherever required
- b) Use of "Universal design techniques". There should be multiple modes of expression and reception. For example, concept should be conveyed in text, audio visual, mindmaps and practical (learning by doing) format in teaching-learning process.
- c) Clear lighting for the speakers to facilitate hearing impaired for lip reading and also use of sound amplification system like microphone by teacher
- d) Issue of notes / handouts in advance to the students in accessible digital format such as Microsoft word or LibreOffice document.
- e) Creation of Peer-Groups within the class for learning among students.



- f) Training of teachers in communication skills for handling differently abled.
- g) Development and use of E-learning resources embedded with sign language interpretation and subtitles.
- h) Provide service of conversion of required instructional materials into accessible format such as accessible digital format, large print, braille, tactile graphics etc. (In-house conversion facility can be established or tie-ups with conversion service providers can be done).
- i) Subscription to online sources of accessible format books such as Sugamya Pustakalaya, book share and ABC global book service by the institution and to register each student with print disability on these platforms.
- j) Provide digital book reading device to each student/faculty with print disability such as laptop with screen reading software, smart phone, refreshable braille display, DAISY player, etc. free of cost or on subsidy by the institution or through scheme of government of India or by partnering with social groups or civil society organizations along with training to use them.
- k) Suitable modifications in the curriculum to suit the needs of differently abled. (Eg. Manual drawing may be replaced with CAD etc.)

#### **6) Special Provisions for Persons with Disabilities in the Examination:**

Different examinations/boards have their own guidelines for persons with disability. They also tend to get revised periodically. Again the provisions mentioned here do not replace/override those as they apply to specific boards/examinations. Use these as quick reference and made provisions for:

- a) Provision of scribes for students who find difficulty in writing, visual impairments etc. by the examination authority or bring their own scribes during examinations both Common Entrance Tests and institute / University exams.
- b) Scribes to be provided as per the guidelines issued by the Department of Empowerment of Persons with Disabilities, Government of India.
- c) Extension of time up to 20 minutes per hour should be given to the students who use scribes and students find difficulty in writing examinations.
- d) 20 to 50% of questions of objective type in the question paper.
- e) Permit and make adequate arrangements for Use of computers for writing examinations by persons with print disabilities with provision of softcopy of question paper in accessible format.
- f) Separation of answer scripts for valuation (Considering the level of disability/ use of scribes etc).

#### **7) Disability Support Systems:**

Disability Support Unit (DSU) at institute level should be set up when differently abled students are admitted by the institute to provide support in terms of:

- a) Financial Assistance (Scholarships, sponsorships)
- b) Counselling & Career Guidance
- c) Sign Language Development, Training and Interpretation support.
- d) Awareness and provision of Assistive devices / Technologies
- e) Special Health care support (Depends on type of disability)
- f) Regular follow-up on the students, to see if they are using their AT devices well, if any accessibility modifications are needed



- g) Training of trainers
- h) Create awareness on disability issues
- i) Encourage student projects, Research & Rehabilitation focused on disability issues and challenges.

8) **Additional Support and Linkages:**

- a) Tie-ups with NGOs who are dealing with differently abled.
- b) Placement & support services.
- c) Employer Sensitization.
- d) Awareness on Disability rights and reservation policies.
- e) Community reach programmes.
- f) Implementation & Monitoring of standards of Accessibility.
- g) Disability Database Management System.
- h) Internship and Career Advancement activities:

9) **Facility for Students with Specific Learning Disabilities(SLDs):**

Dedicated **Centers of Learning Diversity (CLD)** may be set up to help with the implementation of the initiatives and provide the requisite support *within* the institute. The mandate of these centers would be to advocate and to support the learning journey of students with SLDs, including enforcing the provisions for accommodations, providing support services, and access to assistive devices for students with SLD. The **Hub-and-Spoke Model** with **National Nodal centers** can be employed to support institutions in the establishment of CLDs in HEIs.

- a. A dedicated team to generate awareness, promote advocacy and create visibility of the proposed support programme at institute/ university level.
- b. Implement **capability maturity model** to empower and strengthen the various stakeholders involved in the process of inclusion for students with SLD in higher education institutions in India. **Training & Capacity Building Programs** for faculty, administration teams and other stakeholders must be offered to enable them to create inclusive learning environments for students with SLDs.
- c. **Awareness & Advocacy** programmes for students, parents and educators for the inclusion of SLDs must be undertaken. These programmes should address the needs of students aspiring to pursue higher education while enabling them to self-advocate for their needs and rights.
- d. **Assistive Technology** tools (hardware and software) should be made accessible for students with SLD for their academic purposes during their years at the HEI. Investment in research and development of appropriate technologies may also be provided.
- e. **Admissions:** Streamline the admissions processes to ensure that Institute provides requisite accommodations for students with SLDs and look beyond the "exam performance based" admission criteria.
- f. **Accommodations** to be mandated for students with SLDs which would include in-class support, use of technology, accessible study material, examination/testing adjustments.
- g. **Dedicated Centre of Learning Diversity (CLD)** may be set up to provide the requisite support to students and faculty, advocate for the students, generate awareness and create visibility of the proposed support program at university level. A **capability maturity model** is recommended to empower and strengthen the various stakeholders involved.

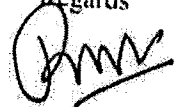


h. **Assistive Technologie** to be made available for students with SLDs for academic purposes during their study years at the HEI. Investment in research and development of appropriate technologies may also be provided.

All AICTE approved institutions are required to include the details related to the availability of barrier-free environment for students with disabilities on their websites including details of the admission process, support services available and status of Persons with Disabilities (PwDs). Institute should create a separate budgetary head covering the expenditure towards activities promoting inclusion of Persons with Disabilities (PwDs).

It is pertinent to mention here that UGC has come out with Comprehensive Accessibility Guidelines for Higher Educational Institutions and it is suggested that All AICTE Institutions should take cognizance of UGC Guidelines and should also take into consideration while implementing AICTE Guidelines. Further details on UGC guidelines may be accessed from UGC web portal [https://ugc.ac.in/pdf/news/8572354\\_Final-Accessibility-Guidelines.pdf](https://ugc.ac.in/pdf/news/8572354_Final-Accessibility-Guidelines.pdf).

Regards

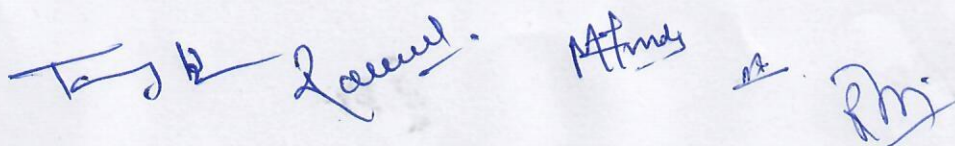


(Dr. Ramesh Unnikrishnan)  
Advisor-II  
Policy & Academic Planning  
Bureau

**Sardar Vallabhbhai National Institute of Technology (SVNIT) Surat**  
**Department of Artificial Intelligence**  
**Integrated BTech + MTech in Artificial Intelligence**

Sr. No.	Subject	Code	Scheme L-T-P	Credits (Min.)	Notional hours of Learning (Approx.)
<b>First Semester (1<sup>st</sup> year of IPG)</b>					
1	Fundamentals of Computer and Programming	IA101	3-0-2	4	85
2	Fundamentals of Engineering Mathematics	MA105	3-1-0	4	70
3	Linear Algebra and Statistics	MA116	3-1-0	4	70
4	English and Professional Communication	HS110	3-1-0	4	70
5	Electrical Network Analysis	EE103	3-0-2	4	85
			<b>Total</b>	<b>20</b>	<b>380</b>
6	Vocational Training / Professional Experience (Optional) (Mandatory for Exit)	IAV01 / IAP01	0-0-10	5	200 (20 x 10)
<b>Second Semester (1<sup>st</sup> year of IPG)</b>					
1	Data Structures	IA102	3-1-2	5	100
2	Web Programming and Python	IA104	3-0-2	4	85
3	Energy and Environmental Engineering	EG110	3-0-2	4	85
4	Discrete Mathematics	MA106	3-1-0	4	70
5	Digital Electronics and Logic Design	EC106	3-0-2	4	85
6	Indian Value System and Social Consciousness	HS120	2-0-0	2	35
			<b>Total</b>	<b>23</b>	<b>460</b>
7	Vocational Training / Professional Experience (Optional) (Mandatory for Exit)	IAV02 / IAP02	0-0-10	5	200 (20 x 10)
<b>Third Semester (2<sup>nd</sup> year of IPG)</b>					
1	Computer Organization	IA201	3-1-0	4	70
2	Database Management Systems	IA203	3-0-2	4	85
3	Design and Analysis of Algorithms	IA205	3-1-0	4	70
4	Signals and Systems	EC205	3-1-0	4	70
5	Object Oriented Programming	IA209	3-0-2	4	85
6	Automata and Formal Languages	IA211	3-1-0	4	70
			<b>Total</b>	<b>24</b>	<b>450</b>
<b>Fourth Semester (2<sup>nd</sup> year of IPG)</b>					
1	Artificial Intelligence	IA202	3-1-0	4	85
2	Operating Systems	IA204	3-0-2	4	85
3	Machine Learning	IA206	3-0-2	4	85
4	Computer Networks	IA208	3-0-2	4	85
5	Information Security and Cryptography	IA210	3-1-0	4	70
6	Data Science	IA212	3-1-0	4	70
			<b>Total</b>	<b>24</b>	<b>480</b>
7	Minor / Honor (M/H#1)	IA2AA	3-X-X	3/4	55/70/85
8	Vocational Training / Professional Experience (Optional) (Mandatory for Exit)	IAV04 / IAP04	0-0-10	5	200 (20 x 10)
<b>Fifth Semester (3<sup>rd</sup> year of IPG)</b>					
1	Deep Learning	IA301	3-0-2	4	85

Subject Code: ##nXX; ##: Department Identity, n: Year, XX: Subject Sequence number XX: last digit 0 (subject offered in both ODD and EVEN semesters, XX: 01 to 30 – last digit ODD and EVEN for ODD and EVEN semesters (Mandatory Core), XX: 31 to 50 (Optional Core), XX: 51 to 99 (Elective), Subjects list for Minor and Honor (M/H#1-4), Subjects list for Specialization track (#1-4) EG: Engineering Subject, SC: Science Subject (offered combinedly by departments) (SVNIT Surat)

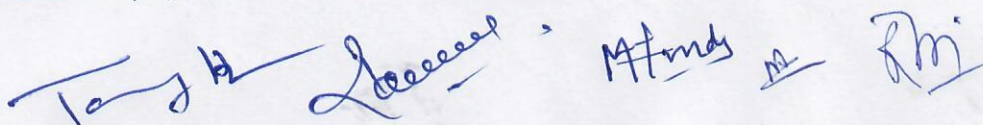




**Sardar Vallabhbhai National Institute of Technology (SVNIT) Surat**  
**Department of Artificial Intelligence**

2	Cloud Computing	IA303	3-0-2	4	85
3	Soft Computing	IA305	3-0-2	4	85
4	Elective	IA3AA	3-X-X	3/4	55/70/85
5	Elective (Specialization#1)	IA3BB	3-X-X	3/4	55/70/85
6	Linear and Nonlinear Optimization	IA307	3-1-0	4	70
			<b>Total</b>	<b>22-24</b>	<b>435-495</b>
7	Minor / Honor (M/H#2)	IA3CC	3-X-X	4	70/85
<b>Sixth Semester (3<sup>rd</sup> year of IPG)</b>					
1	High Performance Computing	IA302	3-0-2	4	85
2	Cyber Physical System	IA304	3-0-2	4	85
3	Big Data Analytics and Visualization	IA306	3-0-2	4	85
4	Elective	IA3DD	3-X-X	3/4	55/70/85
5	Elective (Specialization#2)	IA3EE	3-X-X	3/4	55/70/85
6	Image Processing and Computer Vision	IA308	3-0-2	4	85
			<b>Total</b>	<b>22-24</b>	<b>450-510</b>
7	Minor / Honor (M/H#3)	IA3FF	3-X-X	3/4	70/85
8	Vocational Training / Professional Experience (Optional) (Mandatory for Exit)	IAV06 / IAP06	0-0-10	5	200 (20 x 10)
<b>Seventh Semester (4<sup>th</sup> year of IPG)</b>					
1	Swarm Intelligence	IA401	3-0-2	4	85
2	Research Methodology	IA403	1-1-0	2	35
3	Robotics and Applications	IA405	3-0-2	4	85
4	Elective	IA4BB	3-X-X	3/4	55/70/85
5	Elective (Specialization#3)	IA4CC	3-X-X	3/4	55/70/85
6	Elective (Specialization#4)	IA4DD	3-X-X	3/4	55/70/85
7	Minor Project-I	IA407	0-0-10	5	150
			<b>Total</b>	<b>24-27</b>	<b>520-610</b>
8	Minor / Honor (M/H#4)	IA4EE	3-X-X	3/4	55/70/85
<b>Eighth Semester (4<sup>th</sup> year of IPG)</b>					
1	Intelligent Multiagent and Expert Systems	IA402	3-0-2	4	85
2	Professional Ethics, Business and Entrepreneurship	HUXXX	3-1-0	4	70
3	Human Computer Interaction	IA404	3-1-0	4	70
4	Elective	IA406	3-X-X	3/4	55/70/85
5	Elective	IA408	3-X-X	3/4	55/70/85
6	Elective	IA410	3-X-X	3/4	55/70/85
7	Minor Project-II	IA412	0-0-10	5	150
			<b>Total</b>	<b>26-29</b>	<b>540-630</b>
<b>Ninth Semester (5<sup>th</sup> year of IPG)</b>					
1	MOOC-I	IA501	2-0-0	2	35
2	MOOC-II	IA503	2-0-0	2	35
3	M.Tech. Thesis Part-I	IA505	0-0-36	18	540
			<b>Total</b>	<b>22</b>	<b>610</b>
<b>Tenth Semester (5<sup>th</sup> year of IPG)</b>					
1	M.Tech. Thesis Part-II	IA502	0-0-40	20	600
			<b>Total</b>	<b>20</b>	<b>600</b>

Subject Code: ##nXX; ##: Department Identity, n: Year, XX: Subject Sequence number XX: last digit 0 (subject offered in both ODD and EVEN semesters, XX: 01 to 30 – last digit ODD and EVEN for ODD and EVEN semesters (Mandatory Core), XX: 31 to 50 (Optional Core), XX: 51 to 99 (Elective), Subjects list for Minor and Honor (M/H#1-4), Subjects list for Specialization track (#1-4) EG: Engineering Subject, SC: Science Subject (offered combinedly by departments) (SVNIT Surat)





**Sardar Vallabhbhai National Institute of Technology (SVNIT) Surat**  
**Department of Artificial Intelligence**

**Credit Table**

Sr.	Domain	Credit	Percentage
1	Basic Sciences	12	5.28 / 5.06 %
2	Humanities	6	2.64 / 2.53 %
3	Management	4	1.76 / 1.68 %
4	Engineering other branches	18	7.92 / 7.59 %
5	Core subjects	105	46.25 / 44.30 %
6	Electives	34/44	14.97 / 18.56 %
7	Project	48	21.14/20.25
<b>Total</b>		<b>227/237</b>	<b>100 %</b>

*Signature*  
*MA* *MA* *Rm*

Subject Code: ##nXX; ##: Department Identity, n: Year, XX: Subject Sequence number XX: last digit 0 (subject offered in both ODD and EVEN semesters, XX: 01 to 30 – last digit ODD and EVEN for ODD and EVEN semesters (Mandatory Core), XX: 31 to 50 (Optional Core), XX: 51 to 99 (Elective), Subjects list for Minor and Honor (M/H#1-4), Subjects list for Specialization track (#1-4) EG: Engineering Subject, SC: Science Subject (offered combinedly by departments) (SVNIT Surat)





सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत  
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT  
सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्था, સુરત  
**ACADEMIC SECTION**

SVNIT

No: Dean(Acad)/1572/2023-24

Date: 23/01/2024

**Subject:** Recommendation of the committee on Guidelines for Utilization of Contingency Funds by the Research Scholars and M.Tech Students

Reference: Office Order No. E/141/Contingency/3212 dated December 28, 2023

As per the above reference, a committee of following members was constituted vide Office Order No E/141/Contingency/3212 dated December 28, 2023 to review and frame the Guidelines for Utilization of Contingency Funds by the Research Scholars and M.Tech Students.

- 1) Prof. H. R. Jariwala, Dean (Academics): Chairman
- 2) Prof. Ravi Kant, Dean (SW): Member
- 3) Prof. S. R. Patel, Associate Dean (SW): Member-Secretary
- 4) Shri. B. P. Sibasankar, Asst. Registrar (A/Cs): Member

The committee meetings were held on January 8, 2024 and January 22, 2024. The committee has gone through the existing fee contingency rules of various NITs. The following guidelines are proposed for utilization of contingency funds by the Research scholars for immediate implementation.

1. The maximum contingency limit for expenses per M.Tech. and Ph.D. student shall be Rs. 5000 and Rs. 30,000/-per year respectively. In no case, the contingency should exceed the prescribed limit of Rs.5000.00 (M.Tech) and Rs. 30,000.00 (Ph.D.) per year. Moreover, carryover of unspent amounts from a current year (July-June/January- December) to another year is not permitted.
2. Prior approval through HoD and Research supervisor/PG-In-Charge is required to be obtained from competent Authority.
3. The contingency grant shall be processed as reimbursement of the amount, directly to the student, upon submission of all the required documents and claim form in the prescribed format.
4. The contingency grant (Per Year) can be utilised for the following purposes:
  - (i) Chemicals / consumables required for the research work: Maximum amount per year to be claimed under this head is limited up to Rs.5000.00 (M.Tech) and Rs. 30,000.00 (Ph.D.).



- (ii) Fabrication/testing/characterisation charges including labour, transportation and travel expenses related to these expenses: Maximum amount per year to be claimed under this head is limited up to Rs.5000.00 (M.Tech) and Rs. 25,000.00 (Ph.D.).
  - (iii) Registration fee/TA for attending conferences / workshops / training/ Symposium programs:
    - a) TA at actuals subject to limit of AC-III tier by Rail/equivalent Bus services and Registration fee for attending quality National Conference, International Conference, Workshop, Short-term Course, Training and Symposium organised by reputed institutions, universities, professional bodies and industries and fee for courses offered through well-known online platforms (SWAYAM, NPTEL, etc.) with the prior approval: Maximum amount per year to be claimed under this head is limited up to Rs.5000.00 (M.Tech) and Rs. 15,000.00 (Ph.D.).
    - b) TA at actuals subject to limit of AC-III tier by rail and registration fee for presenting papers/poster in Web of Science / Scopus Indexed Conferences/other reputed conferences including conferences organised by professional bodies. Maximum amount per year to be claimed under this head is limited up to Rs.5000.00 (M.Tech) and Rs. 30,000.00 (Ph.D.).
  - (iv) Computer consumable and stationary items-pen drive, external hard disk, scientific calculators, file, papers and other stationary items: Maximum amount per year to be claimed under this head is limited up to Rs.1500.00 (M.Tech) and Rs. 10,000.00 (Ph.D.).
  - (v) Membership fee for technical professional societies like IEEE, ACM, ASME, ASCE etc.: Maximum amount per year to be claimed under this head is limited up to Rs.2000.00 (M.Tech) and Rs. 5,000.00 (Ph.D.).
  - (vi) Printing, photocopying, Xerox and binding: Maximum amount per year to be claimed under this head is limited up to Rs.2000.00 (M.Tech) and Rs. 6,000.00 (Ph.D.) & during thesis submission Rs.5000.00 (M.Tech) and Rs. 10,000.00 (Ph.D.).
5. The charges of Accommodation (Rs 1500 Per day), Food (Rs. 500 Per Day) and Local Travel (150 Per Day) will be reimbursed upon submission of Bills for the activities mentioned under Sr. No. 4 (iii).
  6. All the bills should include GST and should be in the name of 'Director SVNIT, Surat'. It should be endorsed by the Scholar and Supervisor/PG-In-Charge regarding the payment.
  7. For online payment, the proof of bank transaction in the name of scholar should be submitted along with the bills/vouchers.
  8. The contingency grant will be sanctioned for 5 consecutive years from the date of admission of PhD students and 2 consecutive years from the date of admission of M.Tech students.

9. In no case, the contingency should exceed the prescribed limit of Rs.5000.00 (M.Tech) and Rs. 30,000.00 (Ph.D.) for the various categories mentioned in Sr. No. 4.
10. The payment of "CONTINGENCY FUNDS" can be declined by the concerned HOD in the case of his/her poor performance/ disciplinary proceedings/ inappropriate utilization of funds/misconduct.

Bpsibasankar

Shri. B. P. Sibasankar,  
Asst. Registrar (A/Cs), Member

रवि कान्त

Prof. Ravi Kant  
Dean (SW)

23.01.2024

S. R. Patel

Prof. S. R. Patel, 23.01.2024  
Associate Dean (SW), Member-Secretary

H. R. Jariwala

Prof. H. R. Jariwala,  
Dean (Academics), Chairman

23.01.24

Enclosures: Approval Forms (S1, S2 and S3) & Claim Submission form (Consolidated and Category Wise)





Administrative and Financial Approval for Conf. / Workshops / Short-term course /Symposia

1.	Name of the Student	
2.	Admission Number	
3.	Course & Department	
4.	Nature of Activity (tick the appropriate)	National Conference / International Conference/ Workshop/ Short-term Course/ Training/Symposium
5.	Nature of Participation (tick the appropriate)	Poster presentation / Paper presentation / Participating in workshop, Short-term Course/ Training/Symposium
6.	<b>Details of the Program</b>	
	(a) Title of the Program	
	(b) Venue, Name of the City, State, Country	
	(c) Dates of the Program	
	(d) Organizers / Host Institution	
7.	<b>Details of the Acceptance (Attach Acceptance Letter)</b>	
	(a) Title (as per Serial No. 6)	
	(b) Authors (as appear in the Paper) if paper presented ( <i>Tick the appropriate</i> )	First / Second / Third / Fourth
8.	Details of financial assistance acquired/being acquired from other funding agencies and/or event organizer, if any:	

9. Details of expected expenditure:

S. No.	Head	Amount (in Rs)
a)	Train Fare / Bus Fare	Rs
b)	Locale transport	Rs
c)	Registration Fees	Rs
d)	Food Expenses	Rs
e)	Accommodation expenses (Hotel/Guesthouse/Lodging & Boarding)	Rs
f)	Any other expenses, please specify _____	Rs
	<b>Total Expected Expenditure</b>	Rs

10. List of Enclosures to be submitted: Copy of the abstract of the paper, Acceptance letter, Brochure of the program.

**CERTIFICATE**

*I certify that the details given above are correct. If the information supplied is found to be incorrect, I will refund the entire reimbursed amount to SVNIT Surat. The paper to be presented, if applicable, is related to the Ph.D. work*

Date \_\_/\_\_/20\_\_

Signature of Applicant with Name & Admission Number

Recommended by

Supervisor/PG-In charge  
along with name

Signature of HoD

Approved by

Dean (SW)



સરદાર વલ્લભભાઈ રાષ્ટ્રીય પ્રૌદ્યોગિકી સંસ્થાન, સુરત  
**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT**  
 સરદાર વલ્લભભાઈ રાષ્ટ્રીય પ્રૌદ્યોગિકી સંસ્થાન સુરત

SVNIT

**Administrative and Financial Approval for Acquiring the Membership of Professional Bodies / Societies**

**1. Particulars of the Student:**

a	Name of the Student	:	
b	Admission Number	:	
c	Course & Department	:	

**2. Administrative and Financial approval to be accorded for acquiring the membership of following professional bodies / societies**

Sr. No.	Name of professional bodies / societies	Year of Establishment	Type of Body (Govt./Semi Govt./Trust/Any Other)	Category of Membership (Half Yearly / Annual/Life)	Membership Subscription Fees (Rs)	Total Cost (Rs.)
1.						
2.						
3.						
Total Cost (Rs)						

**3. Certificate**

I certify that the details given above are correct. If the information supplied is found to be incorrect, I will refund the entire reimbursed amount to SVNIT Surat.

Date \_\_/\_\_/20\_\_

Signature of Applicant with Name & Admission Number

Recommended by

Supervisor/PG-In charge  
along with name

Signature of HoD

Approved by

Dean (SW)





સરદાર વલ્લભભાઈ રાષ્ટ્રીય પ્રૌદ્યોગિકી સંસ્થાન, સુરત  
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT  
સરદાર વલ્લભભાઈ રાષ્ટ્રીય પ્રૌદ્યોગિકી સંસ્થાન સુરત

SVNIT

Administrative & Financial Approval for the Reimbursement of Contingent Expenses

1. Particulars of the Student:

a	Name of the Student	:	
b	Admission Number	:	
c	Course & Department	:	

2. Administrative and Financial approval to be accorded for reimbursement of Contingent expenses

Sr. No.	Name of the Contingent item(s) as per Contingency Guidelines of the Institute	Quantity	Unit Cost (Rs.)	Total Cost of Item(s) (Rs.)
a				
b				
c				
d				
e				
f				
g				
h				
Total Estimated Amount including GST (Rs.)				

3. Certificate

I certify that the details given above are correct. If the information supplied is found to be incorrect, I will refund the entire reimbursed amount to SVNIT Surat.

Date \_\_/\_\_/20\_\_

Signature of Applicant with Name & Admission Number

Recommended by

Supervisor/PG-In charge  
along with name

Signature of HoD

Approved by

Dean (SW)

**Consolidated Statement of PhD Contingency**  
(To be submitted with bill certificate)

Category No.	Purpose of expenses (Ref: Notice issued by the office of Dean (Academic))	Cumulative expenditure incurred in the Year	Amount of reimbursement claimed (Present Claim)
(i)	Chemicals / consumables required for the research work: Maximum amount per year to be claimed under this head is limited up to Rs.5000.00 (M.Tech) and Rs. 30,000.00 (Ph.D.).		
(ii)	Fabrication/testing/characterisation charges including labour, transportation and travel expenses related to these expenses: Maximum amount per year to be claimed under this head is limited up to Rs.5000.00 (M.Tech) and Rs. 25,000.00 (Ph.D.).		
(iii).a	TA at actuals subject to limit of AC-III tier by Rail/equivalent Bus services and Registration fee for <u>attending</u> quality National Conference, International Conference, Workshop, Short-term Course, Training and Symposium organised by reputed institutions, universities, professional bodies and industries and fee for courses offered through well-known online platforms (SWAYAM, NPTEL, etc.) with the prior approval: Maximum amount per year to be claimed under this head is limited up to Rs. 5000.00 (M.Tech) and Rs. 15,000.00 (Ph.D.).		
(iii).b	TA at actuals subject to limit of AC-III tier by rail and registration fee for presenting papers/poster in Web of Science / Scopus Indexed Conferences/other reputed conferences including conferences organised by professional bodies. Maximum amount per year to be claimed under this head is limited up to Rs.5000.00 (M.Tech) and Rs. 30,000.00 (Ph.D.).		
(iv)	Computer consumable and stationary items-pen drive, external hard disk, scientific calculators, file, papers and other stationary items.: Maximum amount per year to be claimed under this head is limited up to Rs.1500.00 (M.Tech) and Rs. 10,000.00 (Ph.D.).		
(v)	Membership fee for technical professional societies like IEEE, ACM, ASME, ASCE etc.: Maximum amount per year to be claimed under this head is limited up to Rs.2000.00 (M.Tech) and Rs. 5,000.00 (Ph.D.).		
(vi)	Printing, photocopying, Xerox and binding: Maximum amount per year to be claimed under this head is limited up to Rs.2000.00 (M.Tech) and Rs. 6,000.00 (Ph.D.) & during thesis submission Rs.5000.00 (M.Tech) and Rs. 10,000.00 (Ph.D.)		
<b>Grand Total</b>			

In no case, the contingency should exceed the prescribed limit of Rs.5000.00 (M.Tech) and Rs. 30,000.00 (Ph.D.) per year for the various categories [Sr (i)-(vi)].

Name, Admission No. and Signature of the  
scholar with Date  
Mobile No.

**Recommendation by Guide:**

Name and Signature of the Research Supervisor/PG-Incharge



**Category wise Statement of PhD Contingency Claim (To be submitted with bill certificate)**

Category No. ....

Sl. No.	Bill No. and Date	Particulars of expenditure	Amount Rs	Amount Sanctioned (for office use)
1				
2				
3				
4				
5				
		<b>Total</b>		

**Name, Admission No. and Signature of the  
scholar with Date**

**Mobile No.**

**Recommendation by Guide:**

**Name and Signature of the Research Supervisor/PG-In-Charge**

## ***L&T IPM Joint PhD offering in association with NIT Surat***

### ***Draft Proposal for Fresh Graduate/Postgraduate***

#### **A. Admission Process**

- Application Submission:
  - Prospective candidates will be required to submit their applications for the Joint PhD program in Construction Management jointly offered by L&T Institute of Project Management (L&T IPM) and NIT. The application should include academic credentials, research proposal, and letters of recommendation.
- Initial Screening:
  - Applications will be subject to an initial screening process to identify candidates who meet the academic and research criteria set by both L&T IPM and NIT
- Joint Interview:
  - Shortlisted candidates will undergo a joint interview conducted by a panel comprising representatives from L&T IPM and NIT faculty. The interview aims to assess the candidate's research aptitude, alignment with the program's goals, and suitability for the joint academic-industry collaboration.
- Selection Criteria:
  - Successful candidates will be selected based on their performance in the joint interview, academic achievements, and the alignment of their research interests with the program's objectives.



## **B. PhD Program Structure**

- NIT Stay (6 Months) and regular Campus immersion to complete the course work.

- Selected candidates will commence their PhD journey with a 6-month stay at NIT for coursework completion. During this period, candidates will finalize their research supervisor, both from NIT and L&T IPM and finalize the research topic.

Periodically, candidates will return to NIT for semester progress reviews, academic guidance, and discussions with their research supervisors.

- L&T IPM Stay (After initial 6 Months):
  - Following the coursework completion, candidates will transition to L&T IPM (Vadodara/Delhi/Chennai). During 6 to 12 Months, candidates will complete comprehensive exams, and L&T IPM will provide a teaching load of 50 hours.
  - After one year, candidates will continue their research work, coupled with an increased teaching load of 100 hours per year. L&T IPM will serve as a co-guide, collaborating with NIT faculty who will act as the main guide throughout the PhD program.

## **C. Publication and Authorship**

- In research publications, both the co-guide from L&T IPM and the main guide from NIT will be acknowledged, along with the respective institute names. This dual guidance ensures a holistic approach to research encompassing academic rigor and industry relevance.
- The academic rigor in research will be overseen by NIT faculty, ensuring high standards in theoretical contributions. Simultaneously, L&T IPM faculty will facilitate industry-related interfaces, fostering practical applications and aligning research with the dynamic needs of the construction industry.

- NIT shall confer the final PhD degree in accordance with the norms and regulations that have been established by the institute.

**D. Stipend/ Research Allowance to PhD Candidate:**

- The stipend and research allowance for the PhD applicant will be funded by the L&T Institute of Project Management for a period of five years, and the stipend and research allowance will be in accordance with the standards established by the Institute.