**Date: 20/08/2024**

## Minutes of the 62nd meeting of the Senate held on August 06, 2024

The aforesaid meeting was held on August 06, 2024, at 3:30 p.m. onwards at the Conference room of SVPB Guest house in the hybrid mode. The following members were present in the meeting:

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| (1) | Dr. Anupam Shukla, Professor & Director, SVNIT Surat & Chairman, Senate | | |
| | **External Members** | | |
| (2) | Dr. R. P. Tewari, Professor, DoAM, MNNIT Allahabad (Online) | | |
| (3) | Dr. Omkarprasad S. Vaidya, Professor, IIM Lucknow (Online) | | |
| (4) | Dr. Shashi Bala Singh, Former Director, NIPER, Hyderabad, (Online) | | |
| | **Internal Members** | | |
| (5) | Dr. Ravi Kant, Prof. & Dean (Academic) | (36) | Dr. V. L. Manekar, Professor, DoCE |
| (6) | Dr. C. D. Modhera, Prof. & Dean, (FW) | (37) | Dr. A. Dhamaniya, Professor, DoCE |
| (7) | Dr. U. D. Dalal, Prof. & Dean (A&RG) | (38) | Dr. D. A. Patel, Professor, DoCE |
| (8) | Dr. J. K. Parikh, Prof. & Dean (R&C) | (39) | Dr. K. D. Yadav, Professor, DoCE |
| (9) | Dr. S. S. Arkatkar, Prof. & Dean (P&D) | (40) | Dr. Y.D. Patil, Professor, DoCE |
| (10) | Dr. S.R. Patel, Prof. & Dean (SW) | (41) | Dr. D. C. Jinwala, Professor, DoCSE |
| (11) | Dr. Ritu Tiwari, Prof. & Head, DoAI | (42) | Dr. R. G. Mehta, Professor, DoCSE |
| (12) | Dr. M. Chakraborty, Prof. & Head, DoChE | (43) | Dr. A.D. Darji, Professor, DoECE |
| (13) | Dr. B. Z. Dholakiya, Professor, DoC | (44) | Dr. P.N. Patel, Professor, DoECE |
| (14) | Dr. R. A. Christian, Prof. & Head, DoCE | (45) | Dr. S.N. Sharma, Professor, DoEE |
| (15) | Dr. M. A. Zaveri, Prof. & Head, DoCSE | (46) | Dr. A. Chowdhury, Professor, DoEE |
| (16) | Dr. J. N. Sarvaiya, Prof. & Head, DoECE | (47) | Dr. R. Chudamani, Professor, DoEE |
| (17) | Dr. U. Kaushal, Asso. Prof. & Head, DoHSS | (48) | Dr. A.K. Panchal, Professor, DoEE |
| (18) | Dr. J. M. Dhodiya, Asso. Prof. & Head, DoM | (49) | Dr. V. A. Shah, Professor, DoEE |
| (19) | Dr. A. A. Shaikh, Prof. & Head, DoME | (50) | Dr. H. R. Jariwala, Professor, DoEE |
| (20) | Dr. D. R. Roy, Asso. Prof. & Head, DoP | (51) | Dr. S. R. Arya, Professor, DoEE |
| (21) | Dr. Z. V. P. Murthy, Professor (HAG), DoChE | (52) | Dr. A. K. Shukla, Professor, DoM |
| (22) | Dr. P. A. Parikh, Professor (HAG), DoChE | (53) | Dr. V.H. Pradhan, Professor, DoM |
| (23) | Dr. V. N. Lad, Professor, DoChE | (54) | Dr. N. Adlakha, Professor, DoM |
| (24) | Dr. A. K. Mungray, Professor, DoChE | (55) | Dr. R. Venkata Rao, Professor (HAG), DoME |
| (25) | Dr. S. Jauhari, Professor, DoC | (56) | Dr. H. K. Raval, Professor (HAG), DoME |
| (26) | Dr. J. N. Patel, Professor (HAG), DoCE | (57) | Dr. J. Banerjee, Professor, DoME |
| (27) | Dr. A. K. Desai, Professor, DoCE | (58) | Dr. S. Kumar, Professor, DoME |
| (28) | Dr. C. H. Solanki, Professor, DoCE | (59) | Dr. P.V. Bhale, Professor, DoME |
| (29) | Dr. G. J. Joshi, Professor, DoCE | (60) | Dr. H. K. Dave, Professor, DoME |
| (30) | Dr. K. A. Chauhan, Professor, DoCE | (61) | Dr. H. B. Mehta, Professor, DoME |
| (31) | Dr. M. Mansoor Ahammed, Professor, DoCE | (62) | Dr. A. D. Parekh, Professor, DoME |
| (32) | Dr. P. G. Agnihotri, Professor, DoCE | (63) | Dr. B. M. Sutaria, Professor, DoME |
| (33) | Dr. Rakesh Kumar, Professor, DoCE | (64) | Dr. A. K. Rai, Professor, DoP |
| (34) | Dr. S. A. Vasanwala, Professor, DoCE | (65) | Dr. Pramod Mathur, Registrar & Secretary |
| (35) | Dr. S. M. Yadav, Professor, DoCE | | |

The leave of absences was noted for the following members.

| **Internal Members** | | | |
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| (1) | Dr. P.B. Darji, Prof. & Head, DoEE | (4) | Dr. D. R. Patel, Professor, DoCSE |
| (2) | Dr. K. P. Desai, Prof. & Head, DoMS | (5) | Dr. D. P. Vakharia, Professor, DoME |
| (3) | Dr. M.A. Desai, Professor, DoChE | (6) | Dr. K. N. Pathak, Professor, DoP |

At the outset, the Chairman Senate warmly welcomed the Members present in the meeting including the External Members Prof. R. P. Tewari, Prof. Omkarprasad S. Vaidya, Professor and Prof. Shashi Bala Singh who were present through online in the meeting.

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

***Items and resolutions:***

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| **Item 62.01** | To confirm the minutes of the 61st meeting of the Senate held on April 30, 2024. | |
| **Reso. 62.01** | **Resolved to confirm the minutes of 61st meeting of the Senate held on April 30, 2024 and approve the item no. 4 regarding the recommendation of the 66th meeting of the Institute Academic Advisory Committee (IAAC) held on March 20, 2024, for the agenda items as per the IAAC resolutions and corresponding specific resolutions mentioned in the 61st Senate (Appendix 1).** | |
| **Item 62.02** | To note and approve the actions taken on the resolutions adopted in the 61st meeting of the Senate held on April 30, 2024 **(Appendix 2).** | |
| **Reso. 62.02** | **Noted and approved.** | |
| **Item 62.03** | To consider and adopt resolutions of the 20th meeting of the Standing Executive Committee (SEC) held on May 16th, 2024. | |
| | Item 20 (1) | To consider the request for the Mapping Matrix of Qualifying Degree and Gate Paper for CCMT 2024 in the following Departments for their M.Tech Courses:<br>a) Department of Civil Engineering<br>b) Department of Chemical Engineering.<br>c) Department of Computer Science and Engineering.<br>d) Department of Electronics Engineering.<br>e) Department of Electrical Engineering |
| | Res. | **Noted.** |
| | Item 20 (2) | To approve the teaching scheme and syllabus of Master of Business Administration (MBA) in Business Analytics from the academic year 2024-25. |
| | Res. | **Noted.** |
| | Item 20 (3) | To review and revise the existing teaching load per week for the Assistant Prof., Associate Prof., and Professor due to the request of Teaching Assistants from the Departments. |

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| | | **Few members expressed their concern for the provisions made in the MHRD letter dated 30.11.2017 regarding distribution of teaching load of faculty members on equal sharing basis irrespective of their time consumed in the management of the institute. It was clarified that the guidelines/ procedure are indicative and there is no rigid formula for distribution of teaching load in the said letter. Few members expressed their concern for inclusion of teaching load in the calculation of student Project/ Dissertation/ Internship which should also be counted as teaching load for faculty members. It was clarified that the said matter will be looked into and appropriate decision will be taken accordingly by the Chairman Senate. Accordingly, the Senate agreed with the resolution and adopted the same.** |
| | Item 20 (4) | To consider the request of L&T Institute of Project Management (L&T IPM) to start the Ph.D. program for the employees of L&T. |
| | **Res.** | **Noted.** |
| **Reso. 62.03** | **The Senate noted the resolutions of the 20th meeting of the Standing Executive Committee held on 16th May 2024 for agenda items as per resolution indicated against each.** | |
| **Item 62.04** | To consider and adopt resolutions of the 21st meeting of the Standing Executive Committee (SEC) held on June 12, 2024. | |
| | Item 21 (1) | To consider the recommendation of the 7th meeting of the DAAC of the Department of Mathematics, item no. 7.2, held on June 6, 2024, to approve the scheme of four years & first-year syllabus of the four-year B.Tech program in Mathematics & Computing (MaC). |
| | Res. | **Noted.** |
| | Item 21 (2) | To consider the recommendation of the 86th meeting of the DAAC of the Department of Electronics Engineering, item no. 86.1, held on June 3, 2024, to approve the scheme and syllabus of the first year of the four-year B.Tech program in Electronics and VLSI Engineering. |
| | Res. | **Noted.** |
| | Item 21 (3) | To consider and approve the Seat Matrix and Eligibility for the Study in India Scheme for U.G., P.G., and Ph.D. programs for the academic year 2024-2025. |
| | Res. | **Noted.** |
| | Item 21 (4) | To sign the MoU for academic and research between IIT Madras and SVNIT Surat. |
| | Res. | **Noted** |
| **Reso. 62.04** | **The Senate noted the resolutions of the 21st meeting of the Standing Executive Committee held on 12 June 2024 for agenda items as per resolution indicated against each.** | |

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| **Item 62.05** | To consider and adopt resolutions about the 'recommendations' made in the 67th meeting of the Institute Academic Advisory Committee (IAAC) held on July 08, 2024. | |
| | Item 67.1 | To consider the Scheme & Curriculum of M.Tech. Programs run by the departments as per NEP 2020.<br>1) Department of Chemical Engineering<br>2) Department of Civil Engineering<br>3) Department of Computer Science & Engineering<br>4) Department of Electrical Engineering<br>5) Department of Electronics Engineering<br>6) Department of Mechanical Engineering |
| | Res. | **Noted.** |
| | Item 67.2 | To consider the Scheme of Five Years & Syllabus of First Year for Integrated B.Tech. + M.Tech.) program in Artificial Intelligence. |
| | Res. | **Noted.** |
| | Item 67.3 | To finalize the "Mission and Vision" statements of the Department of Artificial Intelligence. |
| | Res. | **Noted.** |
| | Item 67.4 | To consider the scheme and syllabus for the two proposed M.Tech. Programs in Data Science & Business Intelligence and M.Tech. Programs in Artificial Intelligence and Machine Learning starting from the next academic year 2025-26, with a student intake of 30 each. |
| | Res. | **Noted and resolved to recommend to the Board of Governors to approve the new M.Tech. Programs in Artificial Intelligence and Machine Learning with effect from Academic year 2025-26, with a student intake of 30 each. A detailed proposal may be placed by the respective Department for consideration of the Board.** |
| | Item 67.5 | To consider the request of the category conversion from FIR to ERS for Rushikesh Ashokbhai Prajapati (DS18CH003), a Ph.D. student working under the supervision of Dr. G.C. Jadeja, with effect from February 28, 2024. |
| | Res. | **Noted**. |
| | Item 67.6 | To consider the new proposed core elective subject, Catalyst Science and Technology in B.Tech, Chemical Engineering, 4th Year, 7th semester and elective subject, Advanced Materials and Advanced Process in M.Tech- Chemical Engineering, 1st Year, 1st Semester. |
| | Res. | **Noted.** |
| | Item 67.7 | To change the subjects of Petrochemical Technology (CH364) and Petroleum Refinery Engineering (CH366) of B.Tech, Chemical Engineering, 3rd Year, 6th Semester from Open Elective to Core Elective. |
| | Res. | **Noted.** |

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| Item 67.8 | To consider the request of the category conversion from FIR to ERS for the following students. |

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| Parsai Ganesh Subhashbhai (D19CH003) | FIR to ERS | Dr. J.K. Parikh |
| Bansod Shama Parashar (D19CH004) | FIR to ERS | Dr. J.K. Parikh |
| Megha Vichare (D19CH005) | FIR to ERS | Dr. A.K. Jana |
| Chhatbar Monali Mahendrabhai (D18CH006) | FIR to ERS | Dr. A. K. Mungray |

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| Res. | **Noted.** |
| Item 67.9 | To consider the request to extend the Ph.D. thesis submission up to June 30, 2024 for Neha S. Baghele (DS18CE003), a Ph.D. student working under the supervision of Prof. R.A. Christian. |
| Res. | **Noted.** |
| Item 67.10 | To consider the request from the Environmental Engineering Section to change the Course Code of at B.Tech, Civil Engineering, 2nd Year; 4th Semester (Applicable for Batch 2021-24 Model: 2 Only) as mentioned below. |

| Name of Subject | Current Course Code | Proposed Course Code |
|---|---|---|
| Environmental Engineering II | CE303 | CE202 |

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| Res. | **Noted.** |
| Item 67.11 | To consider the syllabus of following Vocational Training for the B.Tech Civil Engineering students.<br>a) CEV106 Vocational training for Surveyor<br>b) CEV108 Vocational training for Construction Site supervisor |
| Res. | **Noted.** |
| Item 67.12 | To consider the request from the TEP section for permission to continue to pursue a Master's Thesis at an Industry/Research Lab./ Field Organization / Academic Institution with a stipend from SVNIT, Surat. |
| Res. | **Noted and M.Tech GATE qualified students of all the Engineering Disciplines will be allowed to pursue the Internship/ experimentation and data collection for the dissertation work (if facility is not available within the Institute) at the Industry/Research Laboratories/ Field Organization / Academic Institution with stipend for maximum three (03) Months.** |
| Item 67.13 | To consider and approve the Standard Operating Procedure (SOP), Evaluation pattern, and Rubrics for the CE402 Industrial Internship for the B.Tech, Civil Engineering, 4th Year, 8th Semester students. |
| Res. | **Noted.** |

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| Item 67.14 | To consider the request of the Head of the Department of Humanities and Social Sciences to shift the HS 110-English and Professional Communication and HS 120-Indian Value System and Social Consciousness from its current semesters. |
| Res. | **Noted.** |
| Item 67.15 | To consider the request of the category conversion from FIR to ERS for Akshay Chauhan (D19CE01), a Ph.D. student working under the supervision of Dr. N. D. Jariwala, with effect from May 02, 2024. |
| Res. | **Noted.** |
| Item 67.16 | To consider the recommendation of the DAAC to change Dr. P.L. Patel from the main supervisor to co-supervisor due to his appointment as the Director of VNIT Nagpur and the addition of the Main Supervisor as below for the following students. |

| Students' Name | Reg. No. | Existing Supervisor | Proposed Supervisor |
|---|---|---|---|
| Banwari Lal Meena **(PEC)** | D19CE005 | Dr. P.L. Patel | Dr. P.V. Timbadiya<br>Dr. P.L. Patel |
| Sudhanshu Dixit **(PEC)** | DS20CE010 | Dr. P.L. Patel | Dr. P.V. Timbadiya<br>Dr. P.L. Patel |
| Rajput Sandipkumar Vidhyasagar **(FIR)** | DS22CE004 | Dr. P.L. Patel | Dr. P.V. Timbadiya<br>Dr. P.L. Patel |
| Anant Kumar Nagar **(FIR)** | D23CE010 | Dr. P.L. Patel | Dr. P V Timbadiya<br>Dr. P.L. Patel |

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| | **In the agenda item for Anant Kumar Nagar (D23CE010), the proposed supervisor name should be read as Dr. V L Manekar in place of Dr P V Timbadiya. Resolved to approve the proposal of the Department of Civil Engineering as proposed.** |
| Item 67.17 | To consider the request received from the WRE section regarding the qualifying degree with GATE paper mapping matrix for M.Tech in Water Resource Engineering. |
| Res. | **Noted.** |
| Item 67.18 | To consider the request of the category conversion from FIR to PEC for Hrutvik Sharma (D20CE008), a Ph.D. student working under the supervision of Dr. Ravin Tailor, with effect from May 20, 2024. |
| Res. | **Noted.** |
| Item 67.19 | To consider the request of the category conversion from FIR to PEC for Vivek Champaneria (D19CO004), a Ph.D. student working under the supervision of Prof. M.A. Zaveri and Dr. S.J. Patel, with effect from July 02, 2024. |
| Res. | **Noted.** |
| Item 67.20 | Regarding MOOC-I and MOOC-II courses to be offered to M.Tech II year 3rd Semester students from NPTEL/ SWAYM for all M.Tech programme. |
| Res. | **Noted.** |

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| Item 67.21 | To consider the request to extend the thesis submission for one year to Shivani Vasantbhai Vora (D17CO002), a Ph.D. student working under the supervision of Prof R.G. Mehta. |
| Res. | **Noted.** |
| Item 67.22 | To consider the request of the category conversion from FIR to ERS for Praful Pandurang Kumbhare (DS19EL001), a Ph.D. student working under the supervision of Dr. Sanjay Tolani, with effect from April 02, 2024. |
| Res. | **Noted.** |
| Item 67.23 | To consider the request to extend the Ph.D. duration for six months to Kalindi Shinde (D17EC008), a Ph.D. student working under the supervision of Dr. S.N. Shah and Prof. P.N. Patel. (Reso. 1; 88th DAAC meeting held on July 04, 2024). |
| Res. | **Noted.** |
| Item 67.24 | To consider the request of the category conversion from FIR to PEC for Mitul Sudhir Kumar Nagar (D19EC005), a Ph.D. student working under the supervision of Dr. P.J. Engineer, with effect from June 14, 2024. |
| Res. | **Noted.** |
| Item 67.25 | To consider the request of the category conversion from FIR to ERS for Shyam Rangrej (D19ME004), a Ph.D. student working under the supervision of Dr. S.N. Pandya and Dr. J.V. Menghani. |
| Res. | **Noted.** |
| Item 67.26 | To consider a request of Ph.D. Student Awadhesh Yadav (D20ME017) enrolled in the FIR category to discontinue/relieve Dr. T.N. Desai, Professor, DoME, as his Ph.D. Co-supervisor due to his retirement. Dr. Ravi Kant, Professor, DoME will continue as Supervisor. |
| Res. | **Noted.** |
| Item 67.27 | To consider the request to extend the thesis submission for 03 months to Mayank Shah (DS17ME004), a Ph.D. student working under the supervision of Dr. R.D. Shah. |
| Res. | **Noted.** |
| Item 67.28 | To consider the request of the category conversion for the following students. |

| Name of Students | Category Conversion | Admission Number | Supervisor | Effective date |
|---|---|---|---|---|
| Nisha Devanand Khotele | FIR to FRS | DS23PH004 | Dr. D.R. Roy | 29.12.2023 |
| Vishwa Kamal Desai | FSF to FRS | D22PH011 | Dr. D.V. Shah | 24.08.2022 |
| Juhi Oudichhya | FIR to FRS | DS19PH002 | Prof. A.K. Rai | 01.03.2024 |

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| Res. | **Noted.** |

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| Item 67.29 | To finalize the "Mission and Vision" statements of the Department of Physics. |
| Res. | **Noted.** |
| Item 67.30 | To consider the pool of Minor degree courses in the B.Tech. in Engineering Physics curriculum. |
| Res. | **Noted.** |
| Item 67.31 | To consider and approve the syllabus of the following Vocational Training courses for the 5-Year integrated M.Sc. (Physics) with effect from academic year 2023-24. |

| Sr. No. | Course Code | Course Name | Semester |
|---|---|---|---|
| 1. | PHV02 | Linux and Shell Programming | II |
| 2. | PHV03 | Solar Panel Assembling, Testing and Installations | III |
| 3. | PHV04 | Automation of Scientific Experiments by Virtual Instrumentation using Lab VIEW | IV |

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| Res. | **Noted.** |
| Item 67.32 | To consider the request of the category conversion from FPS to FIR for Divya (DS22CY005), a Ph.D. student working under the supervision of Dr. Ritambhara Jangir and Dr. Sarita Kalla, with effect from May 1, 2024. |
| Res. | **Noted.** |
| Item 67.33 | To consider the recommendation of the DAAC to change the supervisor for the following Ph.D. students. |

| Students' Name | Reg. No. | Existing Supervisor | Proposed Supervisor |
|---|---|---|---|
| Sudha Soliya (FIR) | D22CY003 | Dr. Naveen Togati<br>Dr. Ketan Kuperkar | Dr. Areti Sivaiah |
| Piyushkumar Satani (FIR) | DS22CY022 | Dr. Naveen Togati | Dr. Subrata Dutta |

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| Res. | **Noted.** |
| Item 67.34 | To consider the request to extend the thesis submission for 08 months to Meenakshi B. Paswan (D18CY005), a Ph.D. student working under the supervision of Prof B. Z. Dholakiya due to her medical conditions. |
| Res. | **Noted.** |
| Item 67.35 | To consider the proposal for the Establishment a Digital Language Lab. |
| Res. | **Noted.** |
| Item 67.36 | To consider the proposal for the Establishment of Centre for Tribal Technology Development. |

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| | Res. | As per the request of the Head, DoHSS, correction is made as Tribal in place of Rural.<br>**The proposal for establishment of Centre for Tribal Technology Development was discussed and recommended to the Board for approval. A detailed proposal may be placed by the respective Department for consideration of the Board.** |
| | Item 67.37 | To consider the proposal of Dr Yogesh A. Sonwane, NCC Officer for adding NCC as an additional / extra elective course in B.Tech and M.Sc students with effect from the Academic Year 2024-25. |
| | Res. | **Noted.** |
| | Item 67.38 | To consider the proposal of Prof. Varsha A Shah, Chairperson, PI-Unnat Bharat Abyiyan (UBA), Surat to introduce Community Engagement and Social Responsibility as an additional optional field activity of 30 Hours in a Semester for the First and Second Year of B.Tech and M.Sc students from the Academic Year 2024-25. |
| | Res. | **Noted.** |
| | Item 67.39 | Special provisions for persons with Disabilities in the examination. |
| | Res. | **Noted.** |
| | Item 67.40 | To consider the request of the category conversion from FIR to ERS for Soniya Thacker (D23MA004), a Ph.D. student working under the supervision of Prof. A.K. Shukla, with effect from date of approval of Senate. |
| | Res. | **Noted.** |
| | Item 67.41 | To consider the academic Calendar for First year of B. Tech. & M. Sc. and First Year of M. Tech. & Ph.D. |
| | Res. | **Noted.** |
| | Item 67.42 | To consider the proposal of Dr. K.A. Chauhan, Professor, Urban Panning Section, DoCE Establishment of 'AMRUT Funded Centres of Urban Planning for Capacity Building' by the Ministry of Housing and Urban Development, Government of India for developing capacities in urban planning and to deliver certified training in these areas. |
| | Res. | **The proposal of Urban Panning Section, DoCE for Establishment of 'AMRUT Funded Centres of Urban Planning for Capacity Building' by the Ministry of Housing and Urban Development, Government of India for developing capacities in urban planning and to deliver certified training in these areas was recommended to the Board of Governors for approval of the same. A detailed proposal may be placed for approval of the Board.** |
| | Item 67.43 | To introduce the minor degree courses, Institute Electives and Ph.D. program under the Centre of the Indian Knowledge System and Holistic Education. |
| | Res. | **Noted** |

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| **Reso. 62.5** | **Approved the recommendation of the 67th meeting of the Institute Academic Advisory Committee (IAAC) held on July 08, 2024 for agenda items as per the resolution indicated against each item.**<br><br>**Further, in order to avoid delay and to have prompt decision for the cases like category conversion, extension for submission of synopsis and thesis, Change of Guide as per the academic regulations, it was decided that such cases may be dealt through a committee to be constituted by the Chairman Senate. After the recommendation of the respective Department Academic Committee (DAAC) the same will be scrutinised by this committee and will recommend to the Chairman Senate for approval. Such changes will be effective from the date of approval by the Chairman Senate and need not to be placed before IAAC and may be reported to the Senate only for noting purposes.** |
| **Item 62.6** | To consider and approve the addition of activities in the Academic Calendar for the Academic Year 2024-25. |
| **Reso. 62.6** | **Resolved to approve the addition of following activities of U.G, P.G. and Ph.D. programs in the academic calendar for the Academic Year 2024-25 as under:** |

**Additional Activities to be included in the Academic Calendar - Year 2024-25**

| | | Autumn Semester 2024-25 | | Spring Semester 2024-25 | |
|---|---|---|---|---|---|
| No. | Activity | Week number | Month and Date | Week number | Month and Date |
| 1 | Verification of Answer books, Display of Marks, Entry of marks in MIS & submission of Result to Exam section (Supplementary examination) | - | - | 5 (Feb) | till 28 Feb 2025 |
| 2 | Declaration of Results (Supplementary Exam) | - | - | 2 (Mar) | 7 Mar 2025 |
| 3 | Submission of the List of elective subjects to be offered in Even/odd semester by the Department to the Academic section | 5 (Sep) | 30 Sep, 2024 (For Even Sem) | 3 (Mar) | 10 Mar 2025 (For Odd Sem) |
| 4 | Verification of Answer books, Display of Marks and Entry of marks in MIS (Mid Sem Exam) | 3 (Oct) | Till 14 Oct 2024 | 4 (Mar) | till 21 Mar 2025 |
| 5 | Choice filling for elective subjects by students | 3 (Oct) | 14 Oct – 21 Oct 2024 (For Even Sem) | 4 (Mar) | 21 Mar – 28 Mar 2024 (For Odd Sem) |
| 6 | Allotment of Elective subjects and display of final list | 4 (Oct) | 23 Oct 2024 (for Even Sem) | 1 (Apr) | 3 April 2025 (for Odd Sem) |
| 7 | Allotment of Mentor for Internship by department | 5 (Oct) | 25 Oct 2024 | - | - |
| 8 | Verification of Answer books, Display of Marks, Entry of marks in MIS & submission of Result to Exam section (End Sem Exam) | 2 (Dec) | Till 14 Dec 2024 | 4 (May) | till 20 May 2025 |

**The above additions may be incorporated in the Academic Calendar of 2024-25 and updated calendar may be circulated to all.**

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| **Item 62.7** | To consider and approve the addition/deletion of the Academic Regulation for Bachelor of Technology (B.Tech.), Master of Technology (M.Tech.), Dual Degree Program (B.Tech. + MBA), Five Years Integrated M.Sc. Programmes, Master of Technology (Research) (M.Tech. (R)), Doctor of Philosophy (Ph.D.) effective from 2023-24 onwards with NEP 2020 Implementation. |
| **Reso. 62.7** | **Resolved to approve the Addition/deletion/Modification in the Academic Regulation for Bachelor of Technology (B.Tech.), Master of Technology (M.Tech.), Dual Degree Program (B.Tech. + MBA), Five Years Integrated M.Sc. Programmes, Master of Technology (Research) (M.Tech. (R)), Doctor of Philosophy (Ph.D.) effective from 2023-24 onwards with NEP 2020 Implementation as per the table given below.** |

| Sr. No. | Details | Addition/deletion/Modification |
|---|---|---|
| | Academic Regulation for Bachelor of Technology (B.Tech.), Master of Technology (M.Tech.), Dual Degree Program (B.Tech. + MBA), Five Years Integrated M.Sc. Programmes, Master of Technology (Research) (M.Tech. (R)), Doctor of Philosophy (Ph.D.) Effective from 2023-24 onwards with NEP 2020 Implementation | **Modification:**<br>Academic Regulations for U.G., P.G. and Ph.D. Programmes effective from A.Y 2023-24 for the students admitted from Academic Year 2023-24 and onwards with NEP 2020 Implementation |
| 2.1 | Institute Vision<br>Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, perceives to be a globally accepted centre of excellence in technical education catalyzing absorption, innovation, diffusion and transfer of high technologies resulting in enhanced quality for all the stakeholders. | **Modification:**<br>To be one of the leading Technical Institutes disseminating globally acceptable education, effective industrial training and relevant research output. |
| 2.2 | Institute Mission<br>The mission of the Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat is to be a leading technical Institute not only at national level but also at international level for imparting training to manpower as per the needs of technology. It is also envisaged to provide the necessary infrastructure to take up research work and to provide the mechanism to interact with industries effectively. | **Modification:**<br>To be a globally accepted Centre of Excellence in technical education catalyzing absorption, innovation, diffusion and transfer of high technologies resulting in enhanced quality for all the stakeholders. |

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| | 1.1.1 | **Under Graduate Programmes - B.Tech. Programmes** | **Additions:**<br>B.Tech. Electronics and VLSI Engg, B.Tech. Engineering Physics, B. Tech. Industrial Chemistry, B.Tech. Mathematics and Computing |
| | 2.3.3 | **Post Graduate Programmes - M.Tech. Programmes** | **Modifications:**<br>**In M.Tech. Programmes**<br>M.Tech. Data Science<br>M.Tech. Information Security and Privacy<br>M.Tech. Control and Automation<br>M.Tech. Power Electronics and Electrical Drives<br>M.Tech. Power Systems<br>M.Tech. Communication Systems<br>M.Tech. VLSI and Embedded Systems<br>**Additions:**<br>**5 Year Integrated B. Tech. and M. Tech. Five years Programme**<br>Artificial Intelligence<br>**Master of Business Administration Programme**<br>M. B. A. (Business Analytics) |
| | 6.3.1 | Maximum Duration of Integrated Five Years M.Sc. Programme Completion<br>Normally, a student will complete all the requirements for any 5 Years integrated M.Sc. programmes in ten semesters (five years). | **Modification:**<br>Maximum Duration of Integrated Five Years M.Sc. Programme/ **5 Year Integrated B.Tech. and M. Tech.** Programme<br>Normally, a student will complete all the requirements for any 5 Years integrated M.Sc. programmes & **5 Year Integrated B.Tech. and M. Tech.** in ten semesters (five years). |
| | 6.5 | Ph.D. Course Structure<br>The Ph.D. student must earn minimum 12 credits as a part of coursework through three or four theory courses (each of 3 or 4 credits) including One credit seminar of Two credits. | **Modification:**<br>The Ph.D. student must earn minimum 12 credits as a part of coursework through three or four theory courses / theory courses with practical (each of 3 or 4 credits)/ Practical Courses without theory credits (2 or 3 credits). However, students cannot earn more than 2 or 3 credits from a Practical course without the theory credits. |

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| | **6.5.3** | Ph.D. Scholar's Place of Work, Progress and Duration<br>(g) Every external candidate shall carry out a part of his/her study of his/her Research work residing at the Institute for a period, which shall be in no case less than one semester.<br>(h) The sponsoring organization must certify that the candidate has been fully relieved of normal duties/granted leave during the period of the residential requirement.<br>(i) External candidates will be provided with hostel accommodation, subject to availability, only during the semester(s) in which the residential requirement is to be fulfilled. However, his/her stay may be extended for a period of more than six months if recommended by his/her supervisor in some specific cases. | Deletion |
| | **6.2.1** | Maximum Duration for M.Tech. Programme Completion | **Addition:**<br>M.B.A. Programme |
| | **It was suggested that while incorporating the changes in the academic regulations, the same may be looked into through a committee before finalising the same. The Chairman Senate was authorised to approve the desired modification required in the academic regulations and may be informed to the Senate in the ensuing meeting.** | | |
| **Item 62.8** | To consider and approve the proposal of Department of Electronics Engineering to start an open elective course on Fundamentals of Semiconductor Package Manufacturing and Test under Micron University Research alliance program for B.Tech 6th semester and M.Tech. 2nd semester students. | | |
| **Reso. 62.8** | The Department of Electronics Engineering proposed to start a new open elective course under the prestigious Micron University Alliance Program. This multidisciplinary (Electronics, Electrical, Mechanical and Applied Physics) course, tentatively titled as, "Fundamentals of Semiconductor Package Manufacturing and Test" **(Appendix 3)**. It will be 3 credit course of the 45 hours as Institute elective. Micron will start the next batch of the course in January 2025 (Even Semester) for 6th semester students.<br>**Resolved to approve the proposal of Department of Electronics Engineering to start an open elective course on Fundamentals of Semiconductor Package Manufacturing and Test under Micron University Research alliance program for B.Tech 6th semester and M.Tech. 2nd semester students. Chairman Senate is authorized to approve any change required in the title/credit system/number of hours of the course, if any.** | | |

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| **Item 62.9** | To consider the request of Kirtee Parida (U22CH011) student of Chemical Engineering. |
| **Reso. 62.9** | Kirtee Parida (U22CH011) is a PwD (Intellectual disability/Autism Disorder) studying in the 2nd Year of the B.Tech Chemical Engineering. He is facing difficulty in attending to the long questions, as informed by Mrs Luck Parida, mother of Kirtee Parida (U22CH011). She has requested to consider Objective-type Questions in the Question Paper up to 50% of the total marks and Separation of the answer scripts for evaluation considering the level of disability/use of scribes, etc. for his son. The Senate has sympathetic view for the candidate and the department was requested to consider his case, looking to the Intellectual disability/autism disorder of the candidate.<br><br>**Resolved to empower the Chairman Senate to approve the recommendation of DAAC Chemical Engineering Department for the pattern of examination based on the level of disability of the candidate as a special case.** |
| **Item 62.10** | To consider and approve the proposal of awarding Degrees and Medals in Twenty-First Convocation to the passed-out students in Bachelor of Technology, Master of Technology, Five Years Integrated M. Sc., Doctor of Philosophy and approve the Degree Certificates and grant authority for signatures as mentioned in the Certificates. |
| **Reso. 62.10** | It was proposed that the Students, who have successfully completed the course of studies as prescribed under the regulations and passed the examinations, will be awarded the Degrees and Medals in the 21st Convocation. The Academic Programmes are Bachelor of Technology, Master of Technology, Master of Sciences (Five years Integrated Programme) and Doctor of Philosophy **(Appendix 4A).** The format of degree certificate was also placed before Senate for approval.<br><br>**Resolved to recommend to the Board of Governors of the Institute for awarding the degrees and Medals in Twenty-First Convocation to the passed-out students in Bachelor of Technology, Master of Technology, Five Years Integrated M. Sc., Doctor of Philosophy and approve the Degree Certificates and grant authority for signatures as mentioned in the Certificates.**<br><br>**Further, resolve to authorize the Chairman Senate to include the name of eligible candidates who will be eligible for award of Degrees on or before August 31, 2024 in the 21st Convocation.**<br><br>**Further, resolved to approve the formats of degree certificates in bilingual format as presented before senate (Appendix 4B). The degree certificates may be finalized in bilingual format. The degree recipient may be informed to check their names in Hindi language also before final printing of degree certificates.** |
| | ***Item from Chair*** |
| **Item 62.11** | To consider and approved the proposal of Department of Humanities and Social Sciences for new Optional Courses for B.Tech and 5 Year Integrated M.Sc at the First Year level and Open Elective at the Third Year level. |
| **Reso. 62.11** | The DAAC of the Department of Humanities and Social Sciences has proposed the courses with the following details. These courses are aims to equip students beyond the course curriculum of the B.Tech and 5 Year Integrated Courses **(Appendix 5).** |

| Course | Semester Year | Credits |
|---|---|---|
| Indian Constitution and Polity | 6th Semester- Elective Credit Course | 3 Credits |
| Sanskrit, Soft Skills, Public Specking, Emotion & Cognition, Social Psychology, Ancient Indian Texts, Indian Freedom Fighters: 1857-1947 and Yoga & Health | 1st /2nd Semester- Optional Credit Course | 2 Credits each |

The courses at the 1st /2nd semester will be optional. After deliberations, it was;

**Resolved to approve the proposal of the Department of Humanities & Social Sciences for a new Optional Course for B.Tech and 5 Year Integrated courses at the First Year level and Open Elective at the third year level with effect from the Academic Year 2024-25. A minimum number of students in a semester shall be 30 to run a course at the 1st /2nd semester.**

**Further, resolved that the minimum and maximum allowable strength for an Open Elective course will be similar to the existing practice. The maximum student limit in each course at the 1st /2nd Semester shall be fixed by the DoHSS based on the students' responses with the approval of the Chairman, Senate.**

**Item 62.12** To consider and approved the Syllabus for the subjects recommended in ODD and EVEN Semester from Center of Indian Knowledge Systems and Holistic Education, SVNIT, Surat as Institute electives, Minor Degree and Honours Degree.

**Reso. 62.12** **Resolved to approve the Syllabus for the subjects recommended as the open elective courses at the appropriate semester and Minor Degree in the Universal Human Values (Appendix 6). The details of the subjects are as follows.**

| **Institute Electives** | **Minor Degree on Universal Human Values** |
|---|---|
| 1. Human Values and Professional Ethics | 1. Universal Human Values – Introduction |
| 2. Indian Philosophies | 2. Human Values in Various Philosophies |
| 3. Indian Knowledge System and Science | 3. Holistic Human Psychology |
| 4. Contemplative Psychology & Studies | 4. Vision for Human Society: United Society and Harmony in Nature. |

**Further, resolved that the minimum and maximum allowable strength for an Institute Elective course will be similar to the existing practice. A minimum number of students to run a Minor programme on Universal Human Values shall be 15.**

**Item 62.13** To consider and approved the proposal to start the new elective courses on "The Integrated Personality Development 1 & 2 – An Introduction".

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| **Reso. 62.13** | The Integrated Personality Development (IPDC) 1 & 2 – An Introduction consists of 3 credits each to enhance student awareness of India's glories and global values and create citizens who contribute to their families, college, workforce, community, and nation **(Appendix 7)**. This course supports the requirements of the National Education Policy (NEP) requirements, to build character and enable learners to be ethical, rational, compassionate, and caring while preparing them for gainful, fulfilling employment.<br><br>**Resolved to approve the proposal of the Integrated Personality Development Course (IPDC) 1 & 2 – An Introduction consists of 3 credits each as an optional elective course at the First-Year level of all the U.G. and P.G. Courses.**<br><br>**Further, resolved that the Head of the Department of Humanities and Social Sciences to propose the modification required in the syllabus & contents and propose the revised one for approval to the Chairman Senate. The Department of Humanities and Social Sciences will run the course. A minimum number of students in a semester shall be 30 to run a course at U.G. and P.G. level.**<br><br>**The maximum student limit in the course shall be fixed by the department of HSS based on the students' response with the approval of the Chairman, Senate.** |
| **Item 62.14** | Noting items for the consideration of the Senate.<br>(a) Fixing of the Equivalency of Grade for Students of EIP with IIT, Bombay.<br>(b) Seats Allotment in the various M.Tech. programs for QIP Admission.<br>(c) Divyesh Rajesh Chauhan Versus Sardar Vallabhbhai National Institute of Technology Surat and others [Special Civil Application No. 7627 of 2024].<br>(d) MoU between the Sardar Vallabhbhai National Institute of Technology Surat and ISGEC HITACHI ZOSEN LIMITED, Dahej. |
| **Reso. 62.14** | **Noted** |

The meeting ended with the thanks to the Chair.

*REGISTRAR*
SECRETARY- SENATE

*DIRECTOR*
CHAIRMAN-SENATE

सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
સરદાર વલ્લભભાઇ રાષ્ટ્રીય પ્રૌદ્યોગિકી સંસ્થા, સુરત
SVNIT

**Date: 14 /05/2024**

## Minutes of the 61st meeting of the Senate held on April 30, 2024

The aforesaid meeting was held on April 30, 2024, at 11:30 a.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, Senate | | |
| | **External Members** | | |
| (2) | Dr. R. P. Tewari, Professor, DoAM, MNNIT Allahabad (Online) | | |
| (3) | Dr. Omkarprasad S. Vaidya, Professor, IIM Lucknow (Online) | | |
| (4) | Dr. Shashi Bala Singh, Former Director, NIPER, Hyderabad, (Online) | | |
| | **Internal Members** | | |
| (5) | Dr. H.R. Jariwala, Prof. & Dean (Academic) | (31) | Dr. P. G. Agnihotri, Professor, DoCE |
| (6) | Dr. C. D. Modhera, Prof. & Dean, (FW) | (32) | Dr. K. A. Chauhan, Professor, DoCE |
| (7) | Dr. U. D. Dalal, Prof. & Dean (A&RG) | (33) | Dr. M. Mansoor Ahammed, Professor, DoCE |
| (8) | Dr. J. K. Parikh, Prof. & Dean (R&C) | (34) | Dr. Y.D. Patil, Professor, DoCE |
| (9) | Dr. S. S. Arkatkar, Prof. & Dean (P&D) | (35) | Dr. K. D. Yadav, Professor, DoCE |
| (10) | Dr. S.R. Patel, Prof. & Dean (SW) | (36) | Dr. D. R. Patel, Professor, DoCSE |
| (11) | Dr. M. Chakraborty, Prof. & Head, DoChE | (37) | Dr. D. C. Jinwala, Professor, DoCSE |
| (12) | Dr. R.A. Christian, Prof. & Head, DoCE | (38) | Dr. A. Chowdhury, Professor, DoEE |
| (13) | Dr. M.A. Zaveri, Prof. & Head, DoCSE | (39) | Dr. S.N. Sharma, Professor, DoEE |
| (14) | Dr. Ritu Tiwari, Prof. & Head, DoAI | (40) | Dr. R. Chudamani, Professor, DoEE |
| (15) | Dr. J.N. Sarvaiya, Prof. & Head, DoECE | (41) | Dr. A.K. Panchal, Professor, DoEE |
| (16) | Dr. A. A. Shaikh, Prof. & Head, DoME | (42) | Dr. S. R. Arya, Professor, DoECE |
| (17) | Dr. B. Z. Dholakiya, Professor, DoC | (43) | Dr. P.N. Patel, Professor, DoECE |
| (18) | Dr. J.M. Dhodiya, Asso. Prof. & Head, DoM | (44) | Dr. R. Venkata Rao, Professor, DoME |
| (19) | Dr. D.R. Roy, Asso. Prof. & Head, DoP | (45) | Dr. H. K. Raval, Professor, DoME |
| (20) | Dr. K. P. Desai, Prof. & Head, DoMS | (46) | Dr. J. Banerjee, Professor, DoME |
| (21) | Dr. U. Kaushal, Asso. Prof. & Head, DoHSS | (47) | Dr. S. Kumar, Professor, DoME |
| (22) | Dr. Z. V. P. Murthy, Professor, DoChE | (48) | Dr. B.M. Sutaria, Professor, DoME |
| (23) | Dr. P. A. Parikh, Professor, DoChE | (49) | Dr. P.V. Bhale, Professor, DoME |
| (24) | Dr. V. N. Lad, Professor, DoChE | (50) | Dr. Ravi Kant, Professor, DoME |
| (25) | Dr. A. K. Mungray, Professor, DoChE | (51) | Dr. A. K. Rai, Professor, DoP |
| (26) | Dr. M.A. Desai, Professor, DoChE | (52) | Dr. V.H. Pradhan, Professor, DoM |
| (27) | Dr. J. N. Patel, Professor, DoCE | (53) | Dr. N. Adlakha, Professor, DoM |
| (28) | Dr. S. A. Vasanwala, Professor, DoCE | (54) | Dr. S. Jauhari, Professor, DoC |
| (29) | Dr. S. M. Yadav, Professor, DoCE | (55) | Dr. Pramod Mathur, Registrar & Secretary |
| (30) | Dr. G. J. Joshi, Professor, DoCE | | |

The leave of absences was noted for the following members.

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| **Internal Members** | | | |
| (1) | Dr. P.B. Darji, Prof. & Head, DoEE | (10) | Dr. V. A. Shah, Professor, DoEE |
| (2) | Dr. P. L. Patel, Professor, DoCE | (11) | Dr. A.D. Darji, Professor, DoECE |
| (3) | Dr. A. K. Desai, Professor, DoCE | (12) | Dr. D. P. Vakharia, Professor, DoME |
| (4) | Dr. C. H. Solanki, Professor, DoCE | (13) | Dr. A.D. Parekh, Professor, DoME |
| (5) | Dr. V. L. Manekar, Professor, DoCE | (14) | Dr. H.B. Mehta, Professor, DoME |
| (6) | Dr. Rakesh Kumar, Professor, DoCE | (15) | Dr. H.K. Dave, Professor, DoME |
| (7) | Dr. A. Dhamaniya, Professor, DoCE | (16) | Dr. K. N. Pathak, Professor, DoP |
| (8) | Dr. D. A. Patel, Professor, DoCE | (17) | Dr. A. K. Shukla, Professor, DoM |
| (9) | Dr. R. G. Mehta, Professor, DoCSE | | |



14/5/2024

**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.

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

*Items and resolutions:*

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| **Item 1** | **To confirm the minutes of the 60th meeting of the Senate held on January 23, 2024. (Appendix 1).** |
| **Reso. 1** | Resolved to confirm the minutes of 59th meeting of the Senate held on October 12, 2023. |
| **Item 2** | **To note and approve the actions taken on the resolutions adopted in the 60th meeting of the Senate held on January 23, 2024. (Appendix 2).** |
| **Reso. 2** | Noted and approved. |
| **Item 3** | **To consider and adopt resolutions about the 'recommendations' made in the 19th meeting of the Standing Executive Committee (SEC) held on March 8th, 2024.** **Link:** https://www.svnit.ac.in/Data/minutes/sec/19th%20SEC%20Final.pdf |
| **Reso. 3** | Noted. |
| **Item 4** | **To consider and adopt resolutions about the 'recommendations' made in the 66th meeting of the Institute Academic Advisory Committee (IAAC) held on March 20, 2024.** Link: https://svnit.ac.in/Data/minutes/iaac/66th%20MEETING%20OF%20THE%20INSTITUTE%20ACADEMIC%20ADVISORY%20COMMITTEE.pdf |
| **Reso. 4** | The resolutions No. of 66.1 to 66.6, 66.8 to 66.13, 66.16 to 66.21, 66.26 to 66.27, 66.29 to 66.31, 66.33, 66.34 and 66.36 of the 66th meeting of Institute Academic Advisory Committee (IAAC), held on March 20, 2024 were noted and approved.<br><br>Item no. 66.7 regarding the revision of the teaching scheme and syllabus of 'M. Tech. in Instrumentation and Control' (IC) of the Department of Electrical Engineering (DoEE) is approved. Further, rewording in the program nomenclature of the 'M. Tech. in Instrumentation and Control' as 'M. Tech in Control and Automation' is recommended for approval by the Board of Governors.<br><br>Item no. 66.14 is to introduce the following retrofit electives under the MeitY-sponsored Drone Project for B.Tech. III (EC), 5th Semester and B.Tech IV (EC) 7th / 8th Semester (Batch 2022) from July 2024.<br>a) EC329 Drones: Design, Communication and Control<br>b) EC461 UAV Avionics System<br>The introduction of above courses is approved.<br><br>Item no. 66.15 is about modifying the syllabus of EC 332: Global Navigation Satellite System (B.Tech III Sem-VI, Elective –III, Batch 2022), looking to the ongoing MeitY-sponsored Drone Project. The modified syllabus is approved.<br><br>Item no. 66.22, 66.28, and 66.35 regarding starting of new programs from the academic year 2024-25 as follows:<br>(i) B. Tech. (Engineering Physics) is to be offered by the Department of Physics, with an intake of 30 students every year. |



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| | (ii) A dual degree program of Bachelor of Technology and Master of Technology in Mathematics & Computing (MaC) is to be offered by the Department of Mathematics, with an intake of 30 students every year.<br>(iii) B. Tech. (Industrial Chemistry) to be offered by the Department of Chemistry, with an intake of 30 students every year.<br>The Heads of the above Departments discussed the scheme and the importance of the above programs. It is further discussed that the number of seats of existing Five-year integrated M.Sc. program in Chemistry, Five-year integrated M.Sc. in Mathematics and Five-year integrated M.Sc. in Physics be reduced from 75 to 50.<br><br>Introducing new programs, i.e., B.Tech in Physics, Dual Degree (B.Tech + M.Tech) in Mathematics & Computing (MaC), and B. Tech. in Industrial Chemistry, are recommended to the Finance Committee and the Board of Governors.<br>Further, a reduction of intake in the existing Five-year integrated M.Sc. program in Chemistry, Five-year integrated M.Sc. in Mathematics, and Five-year integrated M.Sc. in Physics is recommended to the Finance Committee and Board of Governors.<br><br>The item no. 66.23 is to consider swapping/shifting of 07 courses in the new NEP based curriculum of Five-year integrated M.Sc. in Physics for the students admitted from academic year 2023-24 and onwards. The recommendation of the IAAC is approved.<br><br>Item no. 66.24 is to revise the course code of Dissertation Preliminaries (CY 506 to CY 503) of M.Sc. Chemistry, Semester IX. The recommendation of the IAAC is approved.<br><br>Item no. 66.25 is to offer Course CY 251: Principles and Applications of Electrochemistry for 3rd Semester B. Tech. Electrical Engineering students. The recommendation of the IAAC is approved.<br><br>Item no. 66.32 regarding Scheme and Syllabus of B.Tech 2nd Year and M.Sc. 2nd Year, the recommendation of IAAC is approved.<br>Further, all the engineering departments shall offer the Minor Degree programs. The minimum number of students required to run a Minor Programme will be 15.<br>The scheme and curriculum of B.Tech 2nd , 3rd , and 4th year of Department of the Computer Science & Engineering is approved.<br>The recommendation of IAAC for the Department of Mechanical Engineering to shift the Workshop Practice (ME 105) from B.Tech 1st Year (Mechanical), First Semester to B.Tech 1st Year (Mechanical), Second Semester with a code ME 108 is approved. |
| **Item 5** | **To approve the 'Academic Calendar' for the Academic Year 2024-25. (Appendix 3)** |
| **Reso. 5** | Approved. |
| **Item 6** | **To discuss and adopt resolution about the upper limit on the number of Ph.D. thesis supervisions (FIR category) by Assistant professors recruited after July 2019.** |
| **Reso. 6** | The "upper limit" on the number of Ph.D. thesis supervisions under FIR category by Assistant Professors, Level 12 recruited after July 2019 will be four (04) from now onwards. |
| | ***Item from Chair*** |
| **Item 7** | Regarding signing of MoU between SVNIT, Surat and Larsen & Toubro Limited for sponsorship of M.Tech Students of CAD/CAM. |
| **Reso. 7** | Noted and Approved. |



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| **Item 8** | To postpone the increase in the seat of UG courses communicated to Ministry of Education with reference to emails dated December 31, 2022 and 06 January 2023 from Ministry of Education. |
| **Reso 8** | The institute submitted the plan showing the increase in the intake of students up to the Academic Year 2027-28 to the Ministry of Education, which was approved vide resolution no 04 of the 57th Meeting of the Senate and resolution no 66.04 of the 66th meeting of BoG. In this connection, the Dean (SW) informed the senate of the present scenario regarding the Hostels and available accommodation. He briefed the house that a few hostels/parts of the hostels will be undergoing renovation soon, and until then, there will be no space to accommodate the additional student strength.<br>Hence, the proposed increase in the intake of students for the Academic Year 2024-25 of the UG programs is recommended to the Finance Committee and the Board of Governors. |

The meeting ended with the thanks to the Chair.

14/5/2024

***REGISTRAR***
SECRETARY- SENATE

14/5/24

***DIRECTOR***
CHAIRMAN-SENATE

**Appendix 2**
**of the 62nd meeting of the Senate**

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

The Actions Taken Report on the minutes of the 60th meeting of the **Senate** of the Sardar Vallabhbhai National Institute of Technology, Surat held on **Tuesday, January 23, 2024, 3:30 p.m.** onwards at the Conference Hall, SVPB Guest House is appended below.

| No. | Resolutions | Actions Taken |
|---|---|---|
| Reso. 1 | "Resolved that the minutes of the 60th meeting of the Senate held on 23rd January, 2024 be confirmed". | Confirmed and Noted. |
| Reso. 2 | "The "Actions Taken Report" was presented by Dean (Academic). The House noted and approved the actions taken on the 60th meeting of the Senate held on 23rd January, 2024". | Noted and the actions initiated. |
| Reso. 3 | "Resolved to approve the recommendation made by the Standing Executive Committee (SEC) of the Senate at its in the 19th meeting held on March 8th, 2024. | Noted and implemented accordingly. |
| Reso. 4 | "It is resolved that the action taken in the 66th meeting of Institute Academic Advisory Committee (IAAC), held on March 20, 2024 item no. 66.1 to 66.6, 66.8 to 66.13, 66.16 to 66.21, 66.26 to 66.27, 66.29 to 66.31, 66.33, 66.34 and 66.36 of the 66th meeting of Institute Academic Advisory Committee (IAAC), held on March 20, 2024 were noted and approved.<br>Item no. 66.7 regarding the revision of the teaching scheme and syllabus of 'M. Tech. in Instrumentation and Control' (IC) of the Department of Electrical Engineering (DoEE) is approved. Further, rewording in the program nomenclature of the 'M. Tech. in Instrumentation and Control' as 'M. Tech in Control and Automation' is recommended for approval by the Board of Governors.<br>Item no. 66.14 is to introduce the following retrofit electives under the MeitY-sponsored Drone Project for B.Tech. III (EC), 5th Semester and B.Tech IV (EC) 7th / 8th Semester (Batch 2022) from July 2024.<br>a) EC329 Drones: Design, Communication and Control<br>b) EC461 UAV Avionics System<br>The introduction of above courses is approved.<br>Item no. 66.15 is about modifying the syllabus of EC 332: Global Navigation Satellite System (B.Tech III Sem-VI, Elective –III, Batch 2022), looking to the ongoing MeitY-sponsored Drone Project. The modified syllabus is approved.<br>Item no. 66.22, 66.28, and 66.35 regarding starting of new programs from the academic year 2024-25 as follows:<br>(i) B. Tech. (Engineering Physics) is to be offered by the Department of Physics, with an intake of 30 students | Noted and implemented accordingly. |

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|---|---|---|
| | every year.<br>(ii) A dual degree program of Bachelor of Technology and Master of Technology in Mathematics & Computing (MaC) is to be offered by the Department of Mathematics, with an intake of 30 students every year.<br>(iii) B. Tech. (Industrial Chemistry) to be offered by the Department of Chemistry, with an intake of 30 students every year.<br>The Heads of the above Departments discussed the scheme and the importance of the above programs. It is further discussed that the number of seats of existing Five-year integrated M.Sc. program in Chemistry, Five-year integrated M.Sc. in Mathematics and Five-year integrated M.Sc. in Physics be reduced from 75 to 50.<br><br>Introducing new programs, i.e., B.Tech in Physics, Dual Degree (B.Tech + M.Tech) in Mathematics & Computing (MaC), and B. Tech. in Industrial Chemistry, are recommended to the Finance Committee and the Board of Governors.<br>Further, a reduction of intake in the existing Five-year integrated M.Sc. program in Chemistry, Five-year integrated M.Sc. in Mathematics, and Five-year integrated M.Sc. in Physics is recommended to the Finance Committee and Board of Governors.<br><br>The item no. 66.23 is to consider swapping/shifting of 07 courses in the new NEP based curriculum of Five-year integrated M.Sc. in Physics for the students admitted from academic year 2023-24 and onwards. The recommendation of the IAAC is approved.<br><br>Item no. 66.24 is to revise the course code of Dissertation Preliminaries (CY 506 to CY 503) of M.Sc. Chemistry, Semester IX. The recommendation of the IAAC is approved.<br><br>Item no. 66.25 is to offer Course CY 251: Principles and Applications of Electrochemistry for 3rd Semester B. Tech. Electrical Engineering students. The recommendation of the IAAC is approved.<br><br>Item no. 66.32 regarding Scheme and Syllabus of B.Tech 2nd Year and M.Sc. 2nd Year, the recommendation of IAAC is approved.<br>Further, all the engineering departments shall offer the Minor Degree programs. The minimum number of students required to run a Minor Programme will be 15.<br>The scheme and curriculum of B.Tech 2nd , 3rd , and 4th year of Department of the Computer Science & Engineering is | |

| | | |
|---|---|---|
| | approved.<br>The recommendation of IAAC for the Department of Mechanical Engineering to shift the Workshop Practice (ME 105) from B.Tech 1st Year (Mechanical), First Semester to B.Tech 1st Year (Mechanical), Second Semester with a code ME 108 is approved. | |
| Reso. 5 | "Resolved to approve the 'Academic Calendar' for the Academic Year 2024-25. (Appendix 3) | Approved and implemented accordingly. |
| Reso. 6 | "Resolved to Review the numbers of seats of integrated M.Sc. program of Physics, Chemistry and Mathematics based on last five years admission through JOSAA/ CSAB." The item was deferred. | Noted |
| Reso. 7 | "Resolved to approve the "upper limit" on the number of Ph.D. thesis supervisions under FIR category by Assistant Professors, Level 12 recruited after July 2019 will be four (04) from now onwards. | Approved and the actions initiated. |
| Reso. 8 | "Resolved to sign of MoU between SVNIT, Surat and Larsen & Toubro Limited for sponsorship of M.Tech Students of CAD/CAM. | Approved and implemented accordingly. |
| Reso. 9 | "Resolved to postpone the increase in the seat of UG courses communicated to Ministry of Education with reference to emails dated December 31, 2022 and 06 January 2023 from Ministry of Education. | The proposed increase in the intake of students for the Academic Year 2024-25 of the UG programs is recommended to the Finance Committee and the Board of Governors. |

**Fundamentals of Semiconductor Package Manufacturing and Test**

**Course (Elective) :** Fundamentals of Semiconductor Package Manufacturing & Test

**Objective:** Coach and develop students and train-the-trainers in India academia for Semiconductor Package Manufacturing & Test

**Course Type :** One Semester Course - 3 Credits Elective

**Duration :** 40Hrs; 14 Weeks (3Hrs/Week) Jan-Apr 2025; 4-5PM (Mon, Tue, Wed)

**Eligible Participants :** 3rd Year 2nd Semester (6th Semester) Students from B.Tech Electronics, Electrical, Mechanical, Material Science and associated Branches

| COURSE: FUNDAMENTALS OF SEMICONDUCTOR PACKAGE MANUFACTURING AND TEST | |
|---|---|
| **Unit 1** | **PACKAGE MANUFACTURING PROCESSES**<br>Packaging Assembly Technology, Wafer Thinning, Dicing, Die Attach, Wire bonding, Flip Chip process, Flux Cleaning, Underfill, Encapsulation, Laser Marking, Solder Ball Attach, Reflow, Singulation, IC Packaging Toolsets & equipment operation, clean room operations |
| **Unit 2** | **SEMICONDUCTOR COMPONENT AND PACKAGE TEST**<br>Overview of Testing methodologies, components tested & their characteristics, Challenges in testing, Types of Testers (Automated test Equipment & Benchtop Testers), Components & Subsystems of Testers, Principles of Functional Testing, Parametric/ Boundary Scan /In-Circuit Test/ Flying Probe Test, Test Data Analysis, Design for Testability & Tester Calibration & Maintenance, Future Trends |
| **Unit 3** | **ELECTRICAL AND PHYSICAL FAILURE ANALYSIS**<br>Package failure modes, Failure detection mechanisms, Failure analysis tools, Test programs debugging, Data Analytics, ESD & EMI Management |
| **Unit 4** | **SEMICONDUCTOR PACKAGE MATERIALS AND QUALIFICATION**<br>Reliability testing & qualification- MST/MSL, TC/TS, HAST & uHAST, Mold Compounds (Moldability), Underfill Materials, Die Attach Adhesives & Films, Substrate Technology, Bonding Wire, Solder & Dielectric materials |
| **Unit 5** | **INDUSTRIAL QUALITY AND STATISTICAL PROCESS CONTROL**<br>Quality Control Plan (QCP) & Quality Management System (QMS), Incoming Material Inspection, In-Line Quality, Measurement System Analysis, Statistical analysis methods, Statistical Process Control (SPC), Fault Detection Control (FDC), Run-to-Run Control (R2R), Auto Defect Classification (ADC), Data Analytics, Machine Communication Protocol and System Integration |

**Course Teaching Plan:**

1. Micron Subject Matter Experts across the globe provide the course lectures through online zoom webinar sessions to bring semiconductor package manufacturing and test knowledge to India academia.
2. Institute faculty (course in charge) are required clear students doubts in this course.
3. Course in charge from university required to take care of arranging the online lecturers setup in classrooms, student assessment, grades and exams, attendance etc

**Course Detailed Plan:**

| Week | Course |
|---|---|
| Week-1 | Introduction to Package Manufacturing (NPI Introduction) |
| | Introduction to Package Manufacturing (assembly processes) |
| | Die Preparation Step |
| Week-2 | Die Attach Step |
| | Wire Bond Step |
| | Flip-Chip & Underfill Process |
| Week-3 | Encapsulation &Laser Marking |
| | Solder Ball Attach & Reflow |
| | Singulation & assembly Challenges |
| Week-4 | Introduction to IC Package Backend Test – Part 1 |
| | Introduction to IC Package Backend Test – Part 2 |
| | Introduction to IC Package Backend Test – Part 3 |
| Week-5 | Tester Introduction |
| | Test Firmware & Test programs debugging |
| | Burn In |
| Week-6 | ATE Flow |
| | FQMON |
| | Aging |
| Week-7 | Introduction to Package Materials -Part1 |
| | Introduction to Package Materials - Part2 |
| | Introduction to Package Materials - Part3 |
| Week-8 | Package Quality & Reliability |
| | Package Quality & Reliability |
| | Package Quality & Reliability |
| Week-9 | Package Quality & Reliability |
| | Introduction to EFA and PFA Part-1 |
| | Introduction to EFA and PFA Part-2 |
| Week-10 | Inspection |
| | Inspection |
| | SI Failures (Thermal Emission/ Hot Spot Detection ) |
| Week-11 | Etching/Decapsulation & Dye & Pry |
| | Electrical Failure Analysis – Fault Isolation (Component Level) |
| | EFA - TDR (Time Domain Reflectometry) |
| Week-12 | Introduction to Industrial Quality in ATMP |
| Week-13 | FMEA and Control Plan |
| | Measurement System Analysis |
| | Calibration |
| Week-14 | ESD |
| | Introduction to statistical process control |
| | Fault Detection Control (FDC) &Run-to-Run Control (R2R), |

*Due to Holiday or any other reason if class is cancelled, will be compensated with Thursday and Friday Slots in that week.

Reference Books/ Journals.


- Lau, J. H. (2021). Semiconductor Advanced packaging. Springer Nature
- Bar-Cohen et al. (2019). Encyclopedia of Packaging Materials, Processes, and Mechanics. In WORLD SCIENTIFIC, https://doi.org/10.1142/11303
- Moyne, J., Del Castillo, E., & Hurwitz, A. M. (2000). Run-to-Run control in semiconductor manufacturing. CRC Pres
- Emiliano R. Martins(2022). Essentials of Semiconductor Device Physics. Wiley.
- C++ textbook
- Python textbook
- Harman, G. (2010). Wire Bonding in Microelectronics, 3/E. McGraw-Hill Education.
- Ardebili, H., Zhang, J., & Pecht, M. G. (2018). Encapsulation technologies for electronic applications. William Andrew.
- Chen, A., & Lo, R. H. (2016). Semiconductor packaging: Materials Interaction and Reliability. CRC Press
- Gan, C. L., & Chen-Yu, H. (2023). Interconnect reliability in advanced memory device packaging. Springer.
- Roffel, B., & Betlem, B. H. (2004). Advanced practical process control. In Springer eBooks

# Sardar Vallabhbhai National Institute of Technology
## Surat – 395 007

| Title of the Degree | Discipline | Total candidates to be awarded the degree |
|---|---|---|
| **B. Tech. Degree** | Chemical Engineering | 111 (04) |
| | Civil Engineering | 101 (00) |
| | Computer Science and Engineering | 126 (00) |
| | Electrical Engineering | 110 (06) |
| | Electronics and Communication Engineering | 163 (04) |
| | Mechanical Engineering | 206 (04) |
| | **Total (A) …** | **817 (18)** |

(*) – indicates minor degree in other discipline.

| Title of the Degree | Discipline | Total candidates to be awarded the degree |
|---|---|---|
| **M. Tech. Degree** | Chemical Engineering | 13 |
| | Civil Engineering with Specialisation in Construction Technology and Management | 23 |
| | Civil Engineering with specialization in Environmental Engineering | 19 |
| | Civil Engineering with specialization in Transportation Engineering & Planning | 24 |
| | Urban Planning | 16 |
| | Civil Engineering with specialization in Water Resources Engineering | 10 |
| | Civil Engineering with specialization in Geotechnical Engineering | 10 |
| | Civil Engineering with specialization in Soil Mechanics & Foundation Engineering | 01 |
| | Civil Engineering with specialization in Structural Engineering | 26 |
| | Computer Science & Engineering | 22 |
| | Electrical Engineering with Specialization in Instrumentation and Control | 07 |
| | Electrical Engineering with specialization in Power Electronics & Electrical Drives | 17 |
| | Electrical Engineering with specialization in Power Systems | 11 |
| | Electronics Engineering with specialization in Communication Systems | 09 |
| | Electronics Engineering with specialization in VLSI and Embedded Systems | 24 |
| | Mechanical Engineering with specialization in CAD/CAM | 06 |

| | | |
|---|---|---|
| | Mechanical Engineering with specialization in Manufacturing Engineering | 04 |
| | Mechanical Engineering | 10 |
| | Mechanical Engineering with specialization in Thermal System Design | 10 |
| | Mechanical Engineering with specialization in Turbo Machines | 04 |
| | **Total (B) …** | **266** |

| **Title of the Degree** | **Discipline** | **Total candidates to be awarded the degree** |
|---|---|---|
| **Five Years Integrated Master of Science Degree** | Chemistry | 48 |
| | Mathematics | 51 |
| | Physics | 58 |
| | **Total (C) …** | **157** |

| Title of the Degree | Discipline | | Total candidates to be awarded the degree |
|---|---|---|---|
| **Ph. D. Degree** | **Engineering** | Chemical Engineering | 05 |
| | | Civil Engineering | 34 |
| | | Computer Engineering | 06 |
| | | Electrical Engineering | 04 |
| | | Electronics Engineering | 04 |
| | | Mechanical Engineering | 15 |
| | **Science & Humanities** | Chemistry | 03 |
| | | Mathematics | 10 |
| | | Physics | 05 |
| | | Manegement | 03 |
| | | **Total (D) …** | **89** |

The total candidates to be awarded the degrees = 1329 degrees (B. Tech., M Tech., Five years Integrated M.Sc. and Ph.D.) in the 21st Convocation, where 1329 = A+B+C+D= 817+266+157+89. The list of Degree awardee and medalist is placed at **APPENDIX: 10.1.** The process for printing of degree certificates and medal certificates will be initiated after approval from the Board of Governors.

The Senate is requested to recommend the proposal to the Board of Governors of the Institute for conferment of degrees to the passed out students for the academic year 2023-24 along with the Gold Medals/ Silver Medal/ Cash prize to the toppers in various programs in 21st Convocation of the Institute. The Senate is also requested to approve the Degree Certificates and grant authority for signatures as mentioned in the Certificates.

It is also requested to authorise Chairman, Senate to include the names of students for award of degrees in the 21st Convocation who will be completing their requirement on or before August 31, 2024.

**APPENDIX: 10.1.**

# Sardar Vallabhbhai National Institute of Technology, Surat (Gujarat)

## List of Toppers of Master Degree Programmes of the Academic Year 2023-24

| Name of Post Graduate Programme | Name of Gold Medalist | Adm.No. |
|---|---|---|
| M. Tech (Chemical Engineering) | Vaishnani Vivek Dineshbhai # | P22CH015 |
| M. Tech (Construction Technology and Management) | **Harshini Santosh Kolte** # | P22CT018 |
| M. Tech (Environmental Engineering) | Anurag Krishankant Sharma # | P22EN001 |
| M. Tech (Transportation Engineering & Planning) | Tanmay Jain # | P22TP008 |
| M. Tech (Urban Planning) | **Shagun Sethi** # | P22UP006 |
| M. Tech (Water Resources Engineering) | Rathod Kapil Prakashbhai # | P22WR006 |
| M. Tech (Geotechnical Engineering) | **Parin Rupesh Dalal** # ♠ | P22GT009 |
| M. Tech (Structural Engineering) | **Pooja Ganpat Katkade** # | P22ST021 |
| M. Tech (Computer Science & Engineering) | **Devashri Girish Gavaskar** # | P22CS001 |
| M. Tech (Instrumentation and Control) | **Suparna Chaulya #** | P22IC003 |
| M. Tech (Power Electronics & Electrical Drives) | Sujeet Kumar # @ | P22EL001 |
| M. Tech (Power Systems) | Maxwell Paul Mendonca # | P22PS004 |
| M. Tech (Communication System) | **Vinutha** # | P22EC001 |
| M. Tech (VLSI and Embedded Systems) | Prateek Singh Tomar # | P22VL003 |
| M. Tech (CAD / CAM) | Aman Sisodia # | P22CC001 |
| M. Tech (Manufacturing Engineering) | Prithvi Raj Sharma # | P22MF001 |
| M. Tech (Mechanical Engineering) | Karan Vijaykumar Champaneria # | P22ME002 |
| M. Tech (Thermal System Design) | Chaudhary Jayeshkumar Bharatkumar # | P22TD008 |
| M. Tech (Turbo Machines) | Pruthviraj Arvindsinh Solanki # | P22TM001 |

| Name of Post Graduate Programme | Name of Silver Medalist | Adm.No. |
|---|---|---|
| M. Tech (Transportation Engineering & Planning) | **Vaishnavi Rajesh Kharat** ♣ | P22TP018 |

| | |
|---|---|
| # | Institute Gold Medals |
| @ | **"Gold Medal - First Position"**, sponsored by Dr. M. A. Mulla, Associate Professor of the Department of Electrical Engineering to the Topper of M.Tech. in Electrical Engineering with specialization in *Power Electronics and Electrical Drives*. |
| ♣ | **"Prof. B. K. Katti Silver Medal"**, sponsored by Students (Alumni) of P. G. Section in Transportation Engineering and Planning, SVNIT, Surat to the second Topper of M. Tech. in Civil Engineering with specialisation in *Transportation Engineering and Planning*. |
| ♠ | **"Mrs. & Mr. M. D. Desai Cash prize of Rs. 10000/-"**<br>The Topper of M. Tech. in Civil Engineering with specialization in *Geotechnical Engineering*. |

## List of Toppers of Bachelor Degree Programmes of Academic Year 2023-24

| Name of Under Graduate Programme | Name of Gold Medalist | Adm.No. |
|---|---|---|
| B. Tech (Chemical Engineering) | Patel Hit Deepak # ^ ♠ | U20CH021 |
| B. Tech (Civil Engineering) | Anshul Meena # $ | U20CE016 |
| B. Tech (Computer Science & Engineering) | Nakum Harshil Ambrishkumar # @ | U20CS104 |
| B. Tech (Electrical Engineering) | Harsh Kumar # ♣ | U20EE079 |
| B. Tech (Electronics & Communication Engineering) | Krishil Rakesh Gandhi # | U20EC013 |
| B. Tech (Mechanical Engineering) | Ratnaparkhi Ameya Amit # Δ * | U20ME148 |

| | |
|---|---|
| # | **"Shri Rajani Kumar Majumdar Memorial Gold Medal"** sponsored by **Dr. B. Majumdar** to all UG programmes of the Institute. |
| ^ | **"Smt. Lakshmi Bala Majumdar Memorial Gold Medal"** sponsored by **Dr. B. Majumdar** to the overall Topper of B.Tech Programme of the Institute. |
| ♠ | **"Siddhartha Gupta Gold Medal"** sponsored by **Siddhartha Gupta Foundation, Surat** to the overall Topper of B.Tech Programme of the Institute. |
| $ | **"Late Smt. Mahalaxmiben Natwarlal Patel Gold Medal"** sponsored by **Shri N. N. Patel, Surat** to the Topper of *Civil Engineering*. |
| @ | **"Smt. Bhavani Narendrakumar Mehta Gold Medal"** sponsored by **Smt. Bhavani Narendrakumar Mehta** to the Topper of *Computer Engineering*. |
| ♣ | **"Shri Sohrab R. Sopariwala Memorial Gold Medal"** sponsored by **Dr. (Mrs.) S. S. Sopariwala, Surat** to the Topper of *Electrical Engineering*. |
| Δ | **"Siddhartha Gupta Gold Medal"** sponsored by **Siddhartha Gupta Foundation, Surat** to the Topper of *Mechanical Engineering*. |
| * | **"Mr. Nishit Vijay Sampat Memorial Cash Prize of Rs. 2000/-"** sponsored by **Mrs. Chandrakala K. Morparia, Mumbai** to the Topper of *Mechanical Engineering*. |

## List of Toppers of Master of Sciences (Five Years Integrated Program) of Academic Year 2023-24

| Name of Master of Sciences Programme | Name of Gold Medalist | Adm.No. |
|---|---|---|
| M. Sc (Chemistry) | Abhishek Mondal # | I19CY024 |
| M. Sc (Mathematics) | **Priyanshi Chandra #** | I19MA012 |
| M. Sc (Physics) | Adithya A Rao # | I19PH001 |

| | |
|---|---|
| # | Institute Gold Medals |

# Sardar Vallabhbhai National Institute of Technology, Surat (Gujarat)

## List of Degree Recipients at Twenty-First Convocation (2023-24 Passout)

### Candidate to be conferred with Doctoral during Twenty-First Convocation

| Sr. No | Name of Student and Guide(s) | Admission No. | Year of Passing | Tital of the Thesis |
|---|---|---|---|---|
| **Doctor of Philosophy in Chemical Engineering** | | | | |
| 1 | Kachhadiya Dipeshkumar Dineshbhai<br><br>Guided by:<br>Prof. Z. V. P. Murthy | DS18CH004 | November 2023 | Studies on Metal-Organic Frameworks and 2D Nanomaterials functionalized Polymeric Mixed-Matrix Membranes for Pervaporative Separation of Various Systems |
| 2 | Girish Dhanjibhai Vegad<br><br>Guided by:<br>Dr. Arun Kumar Jana | D16CH005 | February 2024 | A Study on Heavy Crude Oil-Water Emulsion Flow through Pipelines |
| 3 | Patel Akashkumar Dhansukhbhai<br><br>Guided by:<br>Prof. M. A. Desai | D18CH001 | April 2024 | Novel Approaches for Size Reduction and Transdermal Formulation of Methylcobalamin using Hydrotropes |
| 4 | Prajapati Rahul Vishnubhai<br><br>Guided by:<br>Prof. Jigisha Parikh<br>Dr. G. C. Jadeja | DS15CH002 | July 2024 | Studies on Catalytic Transformation of Biomass Derived Furfuryl Alcohol to Alkyl Levulinates using Solid Acid Catalysts |
| 5 | Patel Arunkumar Maganbhai<br><br>Guided by:<br>Prof. S. R. Patel | DS15CH004 | July 2024 | Particle Size Reduction of Active Pharmaceutical Ingredients (APIs) through Bottom-up Approaches |
| **Doctor of Philosophy in Civil Engineering** | | | | |
| 1 | Shaikh Mohamedmaroof Peermohmed<br><br>Guided by:<br>Prof. S. M. Yadav<br>Prof. Vivek Laxmikant Manekar | D18CE006 | October 2023 | Spatial Variation of Extreme Flood in Data-Scarce Semi-Arid Region |
| 2 | Suresh Mohanlal Damodariya<br><br>Guided by:<br>Dr. C. R. Patel | D16CE006 | October 2023 | The Application of Causal Modelling to Identify Risky Driving Behavior on Indian Interurban Highways |
| 3 | Mehta Darshan Jayeshbhai<br><br>Guided by:<br>Dr. S. M. Yadav | D16CE007 | October 2023 | Spatio-Temporal Analysis of Precipitation for the Semi-Arid Region of South West Part of Rajasthan, India |
| 4 | Nandan Haridas Dawda<br><br>Guided by:<br>Prof. G. J. Joshi<br>Dr. S. S. Arkatkar | DS17CE010 | October 2023 | Study on Barriers and Policy Interventions for Adoption of Integrated and Sustainable Multimodal Transport System in Indian Metropolitan Cities |

| Sr. No | Name of Student and Guide(s) | Admission No. | Year of Passing | Tital of the Thesis |
|---|---|---|---|---|
| 5 | Shubham Murlidhar Jibhakate<br><br>Guided by:<br>Dr. P. V. Timbadiya<br>Prof. P. L. Patel | D18CE003 | November 2023 | Flood Hazard and Risk Assessment for Coastal Urban Flood Plain using Hydrodynamic Modelling |
| 6 | **Bhatt Megha Bhupendrabhai**<br><br>Guided by:<br>Prof. S. A. Vasanwala | D15AM002 | November 2023 | Experimental and Analytical Study on Moment-Curvature Behaviour of RC Chimney with and without FRP Wrapping Around Opening Subjected to Monotonic Loading |
| 7 | Guruji Ashish Laxman<br><br>Guided by:<br>Prof. P. G. Agnihotri | D16CE008 | November 2023 | Rainwater Harvesting in the Hilly Region of the Khapri Watershed of Dangs District (Gujarat) using Geospatial Techniques |
| 8 | Patel Devendrakumar Jayantibhai<br><br>Guided by:<br>Dr. D. A. Patel | D16CE005 | November 2023 | Investigation of Demolition Safety and Waste Management Factors |
| 9 | Goyani Jaydip Lakhamanbhai<br><br>Guided by:<br>Prof. S. S. Arkatkar<br>Prof. G. J. Joshi | DS19CE002 | November 2023 | Investigating Geometric Design Consistency, Reliability, and User Perception on Two-Lane Highways |
| 10 | Borse Kalpesh Shekhnath<br><br>Guided by:<br>Prof. P. G. Agnihotri | DS15CE001 | December 2023 | Artificial Intelligence based Multicrop Yield Prediction of the Semi-Arid Region of Maharashtra, India |
| 11 | Patel Dhavalkumar Mahendrabhai<br><br>Guided by:<br>Prof. C. D. Modhera | DS17AM004 | December 2023 | Experimental Studies on Strength and Durability Characteristics of Ternary Blended Conventional Concrete using Manufactured Sand |
| 12 | **Madhura Chetan Aher**<br><br>Guided by:<br>Prof. S. M. Yadav | D16CE012 | December 2023 | Spatio-Temporal Trend Analysis of Streamflow and Suspended Sediment Discharge for Godavari River Basin, India |
| 13 | Gajbhiye Param Dnyaneshwar<br><br>Guided by:<br>Dr. Vishisht Bhaiya | DS19CE016 | January 2024 | Flexural Analysis of Laminated and Sandwich Composite Beams and Plates using Fifth Order Shear Deformation Theory |
| 14 | Aninda Bijoy Paul<br><br>Guided by:<br>Prof. S. S. Arkatkar<br>Prof. G. J. Joshi | D19CE008 | January 2024 | A Comprehensive Framework for Pro-Active Safety Assessment of Vehicular Crossing Conflicts at Un-Signalized Intersections Operating Under Mixed Traffic Conditions |
| 15 | Ranpise Ramesh Balu<br><br>Guided by:<br>Dr. Bhaven N. Tandel | D18CE017 | February 2024 | Strategic Noise Barrier Design Optimization Under Heterogenous Urban Road Traffic Condition for Silence Zones of Surat City |
| 16 | **Shah Pooja Bhavesh** | D19CE007 | February 2024 | Investigating the Shift in Seasonality Trends of UHI at |

| Sr. No | Name of Student and Guide(s) | Admission No. | Year of Passing | Tital of the Thesis |
|---|---|---|---|---|
| | Guided by:<br>Dr. Chetan R. Patel | | | City Scale & Studying its Cascading Effect on Microclimate |
| 17 | Gondaliya Kaushik Maheshkumar<br><br>Guided by:<br>Prof. S. A. Vasanwala<br>Prof. A. K. Desai | D19AM007 | February 2024 | Probabilistic Seismic Vulnerability Assessment of RC Building Stock in the Surat-City using Machine Learning |
| 18 | Raval Sachinkumar Sureshbhai<br><br>Guided by:<br>Prof. C. D. Modhera | D15AM005 | March 2024 | Experimental Studies on Strength and Durability Properties of Concrete Incorporating GGBS and Silica Fume |
| 19 | Channabasaveshwar Chikmath<br><br>Guided by:<br>Prof. S. A. Vasanwala | D16AM010 | March 2024 | Seismic Fragility Analysis of LRB Base Isolated RC Building Frames using Direct Displacement-Based Design Subjected to Near and Far Field Earthquakes |
| 20 | Sandeep Kumar Mishra<br><br>Guided by:<br>Prof. K. D. Yadav | D18CE009 | March 2024 | Biotransformation of Garden Waste into Nutrient Rich Manure using Heap and In-Vessel Composting Technologies |
| 21 | Phulpagar Sanju Ramesh<br><br>Guided by:<br>Dr. G. D. Kale | DS17CE007 | April 2024 | Prioritization of Divisions, Districts and Blocks in the Rajasthan State with Investigation of Factors Affecting Declining Groundwater |
| 22 | Singh Prakash Abhiram<br><br>Guided by:<br>Prof. Y. D. Patil | DS19CE019 | May 2024 | Enhancement of Shear Strength of Headed Stud Shear Connector by Changing Geometry of Section |
| 23 | Thakur Bhairavkumar Maganlal<br><br>Guided by:<br>Prof. A. K. Desai | D18AM001 | May 2024 | Seismic Performance of Soil-Nuclear Reactor Structure-Interaction for Combined Pile Raft Foundation |
| 24 | Wagh Santosh Gangadhar<br><br>Guided by:<br>Prof. V. L. Manekar | DS16CE009 | May 2024 | Development of Integrated Sediment Yield Model and Morphological Analysis for Multi-Reservoir System in Semi-Arid Region |
| 25 | Pathak Sudhanshu Sanjeev<br><br>Guided by:<br>Dr. G. R. Vesmawala | DS17AM017 | May 2024 | Influence of Nano TiO2, Fly Ash and Ground Granulated Blast Furnace Slag on Mechanical and Fracture Properties of Concrete |
| 26 | Vaghela Ajaysinh Ranjitsinh<br><br>Guided by:<br>Dr. G. R. Vesmawala | DS14AM006 | May 2024 | Mechanical Properties and Fracture Behavior of Nano Concrete by using Multiwall Carbon Nanotubes, Nano Silica and Nano Alumina |

| Sr. No | Name of Student and Guide(s) | Admission No. | Year of Passing | Tital of the Thesis |
|---|---|---|---|---|
| 27 | Chandiwala Anuj Kaushikkumar<br><br>Guided by:<br>Prof. S. A. Vasanwala | D16AM004 | May 2024 | Experimental and Numerical Study on Model Piled Raft Foundation in Sand |
| 28 | Tiwari Rakeshkumar Kedarnath<br><br>Guided by:<br>Prof. K. A. Chauhan | D17CE005 | June 2024 | Development of Models to Evaluate the Impact of the Real Estate (Regulation and Development) Act, 2016 on Real Estate Markets in India: A Study of Pune Region |
| 29 | Waysal Satish Manohar<br><br>Guided by:<br>Prof. Y. D. Patil<br>Prof. B. Z. Dholakiya | D15AM004 | June 2024 | Potential use of Pet Waste as Partial Replacement of Cement in Sustainable Cement Mortar |
| 30 | Kshitij Verma<br><br>Guided by:<br>Dr. B. Kondraivendhan | DS16AM004 | June 2024 | Utilization of SCM'S with EAF Slag as Coarse Aggregate for Producing Sustainable Concrete |
| 31 | Jagad Gaurav Bhikhalal<br><br>Guided by:<br>Prof. C.D. Modhera | DS18AM004 | July 2024 | Experimental Studies on Ternary Blended High-Strength Geopolymer Concrete with the Inclusion of Manufactured Sand |
| 32 | Gabra Jaswantsingh Harisingh<br><br>Guided by:<br>Dr. A. K. Desai | D16AM011 | July 2024 | Analysis of Cable Stayed Suspension Hybrid Bridge |
| 33 | Alpesh Arvindbhai Pandya<br><br>Guided by:<br>Dr. A. K. Desai | D16AM008 | July 2024 | Experimental Under-Reamed Pile Load Test in Marine Soil using Osterberg Load Cell |
| 34 | Neetu B Yadav<br><br>Guided by:<br>Prof. Rakesh Kumar | D18CE012 | July 2024 | Experimental Investigation on Cementitious Treated Base and Subbase Layers using Construction and Demolition Waste |
| **Doctor of Philosophy in Computer Engineering** | | | | |
| 1 | **Patil Sonal Pramod**<br><br>Guided by:<br>Dr. (Mrs.) Krupa N. Jariwala | D17CO005 | December 2023 | Design and Analysis of Bioinspired CNN Architecture for Improving Forgery Detection in Images and Videos |
| 2 | Gajera Himanshu Kantilal<br><br>Guided by:<br>Prof. Mukesh A. Zaveri<br>Dr. Deepak Ranjan Nayak | DS19CO001 | January 2024 | Design of Deep Learning Based Approaches for Skin Cancer Detection using Dermoscopy Images |
| 3 | **Shivangi Shukla**<br><br>Guided by:<br>Dr. Sankita J. Patel | D18CO002 | January 2024 | Design and Analysis of Secure Multi-Factor Authentication and Data Sharing Approaches in Cloud Architecture |
| 4 | **More Anjali Sanjivanrao** | DS15CO008 | January 2024 | Novel Classification and Enhanced Sampling Based |

| Sr. No | Name of Student and Guide(s) | Admission No. | Year of Passing | Tital of the Thesis |
|---|---|---|---|---|
| | Guided by:<br>Dr. D. P. Rana | | | Approaches for Imbalanced Data |
| 5 | **Trivedi Hiral Shashank**<br><br>Guided by:<br>Dr. Sankita J. Patel | DS17CO002 | April 2024 | Design and Analysis of Secure Data Collection, Processing and Storage Methods in Distributed IoT Systems |
| 6 | **Khade Rasika Gururaj**<br><br>Guided by:<br>Dr. K. N. Jariwala<br>Dr. Chiranjoy Chattopadhyay | DS17CO004 | July 2024 | Towards Designing a Robust Framework for Scale and Rotation Invariant Floor Plan Image Retrieval |
| **Doctor of Philosophy in Electrical Engineering** | | | | |
| 1 | **Vaghela Meghna Amrutlal**<br><br>Guided by:<br>Dr. M. A. Mulla | DS16EL006 | December 2023 | Non-Isolated Coupled Inductor-Based High Step-Up Gain DC-DC Topologies |
| 2 | **Rashmi K. Patel**<br><br>Guided by:<br>Prof. R. Chudamani | DS15EL002 | January 2024 | Stability Enhancement and Efficiency Improvement of a Multi-Converter System using Multi-Objective Optimization |
| 3 | Atul Kumar Yadav<br><br>Guided by:<br>Dr. Vasundhara Mahajan | D19EL001 | March 2024 | Reliability Assessment and Cyber Intrusion Monitoring of Synchrophasor Based Power System Network |
| 4 | Rohit Chirag Vasanbhai<br><br>Guided by:<br>Prof. P. B. Darji<br>Prof. H. R. Jariwala | DS16EL003 | March 2024 | Sub-Synchronous Resonance Dampening Enhancement in DFIG-Based Wind-Farm Interfaced with Series-Compensated Network |
| **Doctor of Philosophy in Electronics Engineering** | | | | |
| 1 | Prajapati Priyankkumar Hargovindbhai<br><br>Guided by:<br>Dr. A. D. Darji | D17EC004 | October 2023 | Hardware Efficient Artifact Suppression of ECG Signal Acquired using Wearable Biomedical Devices |
| 2 | **Gandhi Divyangna Navinchandra**<br><br>Guided by:<br>Dr. (Mrs.) Shilpi Gupta | DS16EC002 | December 2023 | Flat-Gain Optimization of EDFA and EYDFA with Long Period Fiber Gratings for DWDM System |
| 3 | **Swati Vinodkumarji Sakhare**<br><br>Guided by:<br>Prof. (Mrs.) U. D. Dalal | D14EC006 | March 2024 | Reduction of Computational Complexity using PSO and DTCWT in HEVC Intra Prediction with Better PSNR |
| 4 | Prajapati Kalpeshbhai Jagdishbhai<br><br>Guided by:<br>Dr.Kishor P. Upla | DS18EC001 | May 2024 | Unsupervised Single Image Super-Resolution Approaches using Generative Adversarial Network |
| **Doctor of Philosophy in Mechanical Engineering** | | | | |

| Sr. No | Name of Student and Guide(s) | Admission No. | Year of Passing | Tital of the Thesis |
|---|---|---|---|---|
| 1 | Kundan Mishra<br><br>Guided by:<br>Dr. Achchhe Lal<br>Dr. B. M. Sutaria | DS18ME006 | October 2023 | Some Studies on Fracture Analysis of Non Homogeneous Materials with Discontinuities |
| 2 | Anghan Chetankumar Keshavbhai<br><br>Guided by:<br>Prof. Jyotirmay Banerjee<br>Dr. M H. Bade | D19ME002 | October 2023 | Direct Numerical Simulations of Turbulent Jet in Regular Waves |
| 3 | Kanani Jayendra Babulal<br><br>Guided by:<br>Dr. D. I. Lalwani | DS14ME009 | October 2023 | Investigations on Near-Net Shape Forging of Spur Gear |
| 4 | **Sarika Sahebrao Panpatil**<br><br>Guided by:<br>Dr. Ravi Kant | D18ME011 | December 2023 | Selected Study of Green Supply Chain Practices in Indian Manufacturing Organizations |
| 5 | Makwana Mohit Dharmeshbhai<br><br>Guided by:<br>Dr. B. M. Sutaria | DS17ME003 | February 2024 | Experimental Investigation on Erosion Wear of Slurry Pump Materials and Prediction of Erosion Wear using Artificial Neural Network |
| 6 | Nand Jee Kanu<br><br>Guided by:<br>Dr. Achchhelal | DS16ME005 | February 2024 | Some Studies on Carbon Nanotubes Reinforced Multi-Phase Composite Shell Panels |
| 7 | Rahul Kumar<br>Guided by:<br>Prof. B. M. Sutaria<br>Dr. Achchhelal | DS18ME003 | February 2024 | Structural Analysis of Composite Sandwich Plates with Various Core |
| 8 | Rathod Nishith Raghubhai<br><br>Guided by:<br>Dr. (Mrs.) J. V. Menghani | DS16ME006 | February 2024 | Investigation on Functional Characterization of Artificially Aged Al-Si-Mg/$TiB_2$ In-situ Composites |
| 9 | Pawar Rahul Baban<br><br>Guided by:<br>Prof. R. Venkata Rao | D18ME014 | February 2024 | Mechanical Design Optimization using Advanced Optimization Algorithms |
| 10 | Patel Ravikumar Surendrabhai<br><br>Guided by:<br>Dr. Vimal K. Patel | D18ME007 | February 2024 | Performance Enhancement of Savonius Hydrokinetic Turbine by Modifying Vane Shape and Flow Diversion |
| 11 | Bhoskar Avishkar Ramchandra<br><br>Guided by:<br>Dr. V. D. Kalyankar | D18ME012 | March 2024 | Metallurgical Studies on Cobalt-Based Stellite 6 Coating Deposited on SS316L Substrate |
| 12 | Sarvaiya Jainesh Gordhanbhai<br><br>Guided by:<br>Dr. Dinesh Singh | D18ME006 | May 2024 | Experimental Investigation of Tool Geometry on Reinforced Particle Distribution and Characterization of Friction Stir Processed Aluminum Surface Composites |

| Sr. No | Name of Student and Guide(s) | Admission No. | Year of Passing | Tital of the Thesis |
|---|---|---|---|---|
| 13 | Nitin Bagre<br><br>Guided by:<br>Prof. Ashok D. Parekh<br>Dr. Vimal K. Patel | DS18ME008 | June 2024 | Three Dimensional CFD and Experimental Investigation of Ranque Hilsch Vortex Tube |
| 14 | Gaji Rahul Rajkumar<br><br>Guided by:<br>Dr. A. V. Doshi<br>Dr. M. H. Bade<br>Dr. Punit Singh | DS17ME008 | June 2024 | Influence of Simple and Radical Modifications on the Internal Hydraulics and Performance of Centrifugal Pump as Turbine |
| 15 | Panchal Ketankumar Devendrabhai<br><br>Guided by:<br>Prof. A. A. Shaikh | D16ME006 | June 2024 | Analytical and Experimental Investigations of the Cutting Performance in Abrasive Water Jet Machining |
| **Doctor of Philosophy in Chemistry** | | | | |
| 1 | Anuj Kumar Saini<br><br>Guided by:<br>Dr. Suban K. Sahoo | D18CY006 | January 2024 | Vitamin $B_6$ Cofactors and Salicylaldehyde Conjugated Fluorescent Polymeric Nanoparticles for Sensing Applications |
| 2 | Zala Ajayrajsinh Rajendrasinh<br><br>Guided by:<br>Dr. Premlata Kumari | D18CY001 | February 2024 | Design, Synthesis, in Silico and in Vitro Biological Evaluations of Cinnamic Acid Hybrids |
| 3 | **Monika Jain**<br><br>Guided by:<br>Dr. Naved I. Malel<br>Dr. K. Suresh Kumar | DS18CY001 | April 2024 | Stimuli Responsive Microstructural Aggregates of Biocompatible Surface Active Ionic Liquids as the New Age Drug Carrier |
| **Doctor of Philosophy in Mathematics** | | | | |
| 1 | Nikam Vishal Eknath<br><br>Guided by:<br>Prof. Ajaykumar Shukla<br>Dr. Dhananjay Gopal | D18MA002 | October 2023 | A Study on Darbo Type Fixed Point Theorems in Abstract Spaces and its Applications |
| 2 | **Rupali Gupta**<br><br>Guided by:<br>Dr. Sushil Kumar | D18MA007 | December 2023 | Numerical Simulation of Some Variable-Order Fractional Differential Equations using Chebyshev Collocation Method |
| 3 | Animesh Mondal<br><br>Guided by:<br>Dr. R. K. Jana | DS19MA010 | January 2024 | Some Supply Chain Problems in Imprecise Environment |
| 4 | **Shubha Agnihotri**<br><br>Guided by:<br>Dr. Jayesh M. Dhodiya | D19MA001 | January 2024 | Non-Dominated Sorting Genetic Algorithms for Solution of Multi-Objective Solid Transportation Problem Under Uncertain Environments |

| Sr. No | Name of Student and Guide(s) | Admission No. | Year of Passing | Tital of the Thesis |
|---|---|---|---|---|
| 5 | Jani Hareshkumar Prakashbhai<br><br>Guided by:<br>Dr. T. R. Singh | D19MA007 | April 2024 | Solution of Some Nonlinear Partial Differential Equations by Aboodh Transform Homotopy Perturbation Method |
| 6 | Sachin Bhikhalal Devaiya<br><br>Guided by:<br>Dr. Shailesh Kumar Srivastava | DS19MA007 | April 2024 | Some Problems on Fourier Approximation in Certain Function Spaces |
| 7 | Gajera Jeet Bhovanbhai<br><br>Guided by:<br>Dr. R. K. Jana | D20MA007 | April 2024 | A Study on Higher Transcendental Functions and Fractional Operators using Inequalities |
| 8 | Thakkar Yogesh Mohanlal<br><br>Guided by:<br>Prof. A. K. Shukla | DS19MA004 | May 2024 | Generalization on $pRq(v,\tau;z)$ Function |
| 9 | **Nisha Pokharna**<br><br>Guided by:<br>Dr. Indira P. Tripathi | DS19MA012 | July 2024 | Some Contributions to Optimality Criteria and Duality in Nonlinear Optimization Problems |
| 10 | Lalchand Verma<br><br>Guided by:<br>Dr. Ramakanta Meher | D19MA005 | July 2024 | Study of Magneto-Hydrodynamics Thermal Hybrid Nanofluid Flow with Fuzzy Volume Fractions using a Double Parametric Approach |
| **Doctor of Philosophy in Physics** | | | | |
| 1 | Jariwala Akshaykumar Pravinbhai<br><br>Guided by:<br>Dr. V. A. Kheraj | D19PH001 | November 2023 | Investigations on Direct-Coated SnS2 and SnS Films for Optoelectronic Applications |
| 2 | Chauhan Hiteshkumar Prabhubhai<br><br>Guided by:<br>Dr. V. A. Kheraj | DS14PH003 | February 2024 | Development of CdTe Quantum Dots Based Immunoassay |
| 3 | **Mehta Bijal Rajeshkumar**<br><br>Guided by:<br>Dr. D. R. Roy | D19PH002 | March 2024 | Density Functional Investigation on Electronic and Optical Properties of Metal Oxide and Metal Nitride Nanostructures and Their Interaction with Amino Acids |
| 4 | Solanki Ranjitkumar Harilal<br><br>Guided by:<br>Dr. K. N. Pathak | D18PH009 | May 2024 | Aerosol Optical Depth Study Over Some Mid Indian Stations |
| 5 | Raval Adhish Vinodbhai<br><br>Guided by:<br>Dr. L. K. Saini<br>Dr. D. V. Shah | D17PH004 | May 2024 | Facile Synthesis of InSe and SnSe with Perspectives in Opto-electronic Applications |

| Sr. No | Name of Student and Guide(s) | Admission No. | Year of Passing | Tital of the Thesis |
|---|---|---|---|---|
| **Doctor of Philosophy in Management** | | | | |
| 1 | Himanshu Bagdi<br><br>Guided by:<br>Dr. H. P. Bulsara | D19MG002 | May 2024 | A Study on the Behavioural Intention of Students and Faculties towards Online Learning in Higher Education Institutions of Select Cities of Gujarat |
| 2 | **Latika Sharma**<br><br>Guided by:<br>Dr. H. P. Bulsara | D19MG003 | July 2024 | A Study of the Factors Influencing Social Entrepreneurial Intention Among Generation Z in Select States of India |
| 3 | Mridul Trivedi<br><br>Guided by:<br>Dr. H. P. Bulsara | DS19MG002 | July 2024 | An Empirical Study of Factors Influencing Green Product Purchase Behaviour Among Consumers in Select Smart Cities of Gujarat |

# Sardar Vallabhbhai National Institute of Technology, Surat (Gujarat)

## List of Degree Recipients at Twenty-First Convocation (2023-24 Passout)

**Candidates to be conferred with Master of Technology Degree during Twenty-First Convocation**

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA |
|---|---|---|---|---|
| **Master of Technology in Chemical Engineering** | | | | |
| 1 | Vaishnani Vivek Dineshbhai | P22CH015 | July 2024 | 9.57 |
| 2 | Shivam Alkesh Modi | P22CH001 | July 2024 | 9.27 |
| 3 | Parmar Nileshkumar Bhagabhai | P22CH002 | July 2024 | 6.27 |
| 4 | Priteshkumar Shashikant Chavda | P22CH004 | July 2024 | 8.00 |
| 5 | Nishantkumar Rakeshkumar Rana | P22CH005 | July 2024 | 8.58 |
| 6 | Jain Pratik Kantilal | P22CH007 | July 2024 | 9.45 |
| 7 | **Mubasserabanu Maheboobbhai Arab** | P22CH008 | July 2024 | 9.33 |
| 8 | Pandya Jay Shreyas | P22CH009 | July 2024 | 7.92 |
| 9 | Parmar Akshaykumar Dhirajbhai | P22CH010 | July 2024 | 7.80 |
| 10 | Pathan Sufiyankhan Firozkhan | P22CH011 | July 2024 | 9.45 |
| 11 | Poharkar Krutik Chandrakant | P22CH012 | July 2024 | 7.82 |
| 12 | Satyam Gadhwal | P22CH013 | July 2024 | 8.05 |
| 13 | Shah Nishit Atulkumar | P22CH014 | July 2024 | 9.35 |
| **Master of Technology in Civil Engineering with Specialization in Construction Technology and Management** | | | | |
| 1 | **Harshini Santosh Kolte** | P22CT018 | July 2024 | 9.95 |
| 2 | Nabankur Bera | P22CT001 | July 2024 | 8.25 |
| 3 | **Sneha Ann Mathews** | P22CT002 | July 2024 | 8.85 |
| 4 | **Raikishori Dey** | P22CT003 | July 2024 | 8.28 |
| 5 | Daksh Jaiswal | P22CT004 | July 2024 | 8.40 |
| 6 | Chittiboina Hemanth Kumar Yadav | P22CT005 | July 2024 | 8.82 |
| 7 | Pranesh Priyatam | P22CT006 | July 2024 | 7.62 |
| 8 | Mori Jaimin Rajeshbhai | P22CT007 | July 2024 | 8.63 |
| 9 | **Shyam Priya Tomar** | P22CT008 | July 2024 | 7.90 |
| 10 | Rampurapu Purna Chandra Raju | P22CT009 | July 2024 | 8.60 |
| 11 | Parth Namdeorao Salokhe | P22CT010 | July 2024 | 8.42 |
| 12 | Shripad Anilrao Patil | P22CT011 | July 2024 | 8.80 |
| 13 | Rayudu Yuvaraj | P22CT013 | July 2024 | 7.22 |
| 14 | Vaibhav Barada | P22CT014 | July 2024 | 9.37 |
| 15 | Shivam Surendrabhai Patel | P22CT015 | July 2024 | 8.85 |
| 16 | Ajay Singh Rathore | P22CT016 | July 2024 | 7.85 |
| 17 | Ronak Pravinkumar Rathod | P22CT019 | July 2024 | 8.35 |
| 18 | Manish Suthar | P22CT020 | July 2024 | 7.87 |
| 19 | Swapnil Sudhir Kakade | P22CT022 | July 2024 | 8.08 |
| 20 | Manisankar Pal | P22CT023 | July 2024 | 7.18 |
| 21 | Vishwabhushan Sanjay Dabhade | P22CT024 | July 2024 | 8.65 |
| 22 | Satish Panwar | P22CT025 | July 2024 | 9.15 |
| 23 | Shailesh | P21CT008 | February 2024 | 8.48 |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA |
|---|---|---|---|---|
| **Master of Technology in Civil Engineering with Specialisation in Environmental Engineering** | | | | |
| 1 | Anurag Krishankant Sharma | P22EN001 | July 2024 | 9.42 |
| 2 | **Maitri Pankajbhai Patel** | P22EN002 | July 2024 | 9.03 |
| 3 | **Ripal Ramanbhai Patel** | P22EN003 | July 2024 | 8.28 |
| 4 | **Patel Shivangikumari Pareshbhai** | P22EN004 | July 2024 | 8.67 |
| 5 | Manik Chandra Barman | P22EN005 | July 2024 | 8.19 |
| 6 | Dinesh Singh Suryavanshi | P22EN006 | July 2024 | 6.92 |
| 7 | Inamdar Azim Baba | P22EN007 | July 2024 | 7.09 |
| 8 | **Iqra Sharmeen** | P22EN009 | July 2024 | 8.67 |
| 9 | Ashvin Sharad Thorat | P22EN010 | July 2024 | 7.86 |
| 10 | **Divya Purohit** | P22EN011 | July 2024 | 8.22 |
| 11 | Donga Harshilkumar Rajeshbhai | P22EN013 | July 2024 | 7.03 |
| 12 | Kapadia Krutik | P22EN014 | July 2024 | 8.84 |
| 13 | **Lad Nishita Alpeshbhai** | P22EN015 | July 2024 | 8.67 |
| 14 | Parmar Vighnesh Dineshbhai | P22EN016 | July 2024 | 6.81 |
| 15 | Patel Pragneshkumar Rameshbhai | P22EN017 | July 2024 | 7.33 |
| 16 | **Patel Yugmi Sanjay** | P22EN018 | July 2024 | 7.72 |
| 17 | **Prasad Rutika Krishnabhai** | P22EN019 | July 2024 | 7.34 |
| 18 | Saurabh | P22EN020 | July 2024 | 7.78 |
| 19 | Rohan Rajendra Hatte | P21EN011 | January 2024 | 7.78 |
| **Master of Technology in Civil Engineering with Specialisation in Transportation Engineering & Planning** | | | | |
| 1 | Tanmay Jain | P22TP008 | July 2024 | 9.23 |
| 2 | **Vaishnavi Rajesh Kharat** | P22TP018 | July 2024 | 9.18 |
| 3 | **Somee Jain** | P22TP002 | July 2024 | 8.08 |
| 4 | **Riya Thomas** | P22TP003 | July 2024 | 8.89 |
| 5 | Nirav Indrajit Soni | P22TP004 | July 2024 | 8.89 |
| 6 | **Shraddha Balusingh Rathore** | P22TP005 | July 2024 | 7.92 |
| 7 | Siddhartha Sankar Ghosh | P22TP006 | July 2024 | 7.77 |
| 8 | Rutvik Bharatgiri Gosai | P22TP007 | August 2024 | 8.11 |
| 9 | Peddi Ajayteja | P22TP009 | July 2024 | 8.58 |
| 10 | Sanket Narendra Patil | P22TP010 | July 2024 | 8.20 |
| 11 | Vivek Dahyabhai Patel | P22TP011 | July 2024 | 8.52 |
| 12 | Anuj Kumar | P22TP012 | July 2024 | 7.97 |
| 13 | **Kumari Kirti** | P22TP013 | July 2024 | 7.77 |
| 14 | Akbari Divyangkumar N. | P22TP014 | July 2024 | 8.36 |
| 15 | Yogesh Bhagwan Chavan | P22TP015 | July 2024 | 8.48 |
| 16 | Sarthak Sahu | P22TP016 | July 2024 | 7.35 |
| 17 | Dhaval Vallabhbhai Parmar | P22TP017 | July 2024 | 7.55 |
| 18 | **Nidhi Shankar** | P22TP019 | July 2024 | 8.73 |
| 19 | Satyam Kumar | P22TP020 | August 2024 | 7.91 |
| 20 | Neelakash Haloi | P22TP021 | August 2024 | 8.42 |
| 21 | Sonu Kumar | P22TP022 | August 2024 | 6.71 |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA |
|---|---|---|---|---|
| 22 | Krupalkumar Amrutbhai Patel | P22TP023 | August 2024 | 7.26 |
| 23 | Sutar Anuja Ashok | P21TP001 | December 2023 | 9.05 |
| 24 | Khandelwal Ketan Ishwarlal | P21TP007 | December 2023 | 8.32 |
| **Master of Technology in Urban Planning** | | | | |
| 1 | **Shagun Sethi** | P22UP006 | July 2024 | 9.60 |
| 2 | **Manisha** | P22UP001 | July 2024 | 9.32 |
| 3 | **Rajyashree Banerjee** | P22UP002 | July 2024 | 8.65 |
| 4 | **Pearl Devenbhai Desai** | P22UP003 | July 2024 | 9.29 |
| 5 | **Kiran Sindhal** | P22UP004 | July 2024 | 8.76 |
| 6 | **Dikshitakumari Ashvinbhai Gamit** | P22UP005 | July 2024 | 8.13 |
| 7 | Prajjwal Tank | P22UP007 | July 2024 | 8.96 |
| 8 | Sandeep Kumar Garnaik | P22UP008 | July 2024 | 8.54 |
| 9 | Anubhav Tripathi | P22UP009 | July 2024 | 7.88 |
| 10 | **Pragati Chauhan** | P22UP010 | July 2024 | 9.38 |
| 11 | **Prajakta Babasaheb Chitale** | P22UP011 | July 2024 | 9.43 |
| 12 | **Apurva Sanjay Hankare** | P22UP012 | July 2024 | 9.13 |
| 13 | Lad Jinit Jayeshkumar | P22UP014 | July 2024 | 7.32 |
| 14 | Nilesh Keshav Kale | P22UP016 | July 2024 | 7.71 |
| 15 | Patel Parthkumar Mohanbhai | P22UP017 | July 2024 | 8.19 |
| 16 | Sagar Kamble | P22UP018 | July 2024 | 8.97 |
| **Master of Technology in Civil Engineering with Specialisation in Water Resources Engineering** | | | | |
| 1 | Rathod Kapil Prakashbhai | P22WR006 | July 2024 | 9.34 |
| 2 | Anish Chandra | P22WR001 | July 2024 | 8.52 |
| 3 | Animesh Prasad Ratnakar | P22WR002 | July 2024 | 8.28 |
| 4 | **Ankitaben Thakorbhai Patel** | P22WR003 | July 2024 | 7.88 |
| 5 | Boricha Nitin Govindbhai | P22WR004 | July 2024 | 8.23 |
| 6 | Bulsari Mark Arnold | P22WR005 | July 2024 | 7.26 |
| 7 | **Shreshthy Raj** | P22WR007 | July 2024 | 7.35 |
| 8 | Surati Harshkumar Balvantrai | P22WR008 | July 2024 | 8.88 |
| 9 | Vishwakarma Arjun Ramprasad | P22WR009 | July 2024 | 8.75 |
| 10 | Chauhan Abhisheksingh Ashoksingh | P22WR010 | July 2024 | 8.14 |
| **Master of Technology in Civil Engineering with Specialisation in Geotechnical Engineering** | | | | |
| 1 | **Parin Rupesh Dalal** | P22GT009 | July 2024 | 9.61 |
| 2 | Jaymin Mohansinh Hadiyol | P22GT001 | July 2024 | 7.95 |
| 3 | Dayanand Prakash | P22GT002 | July 2024 | 8.21 |
| 4 | Nishant Kishorbhai Rathod | P22GT003 | July 2024 | 7.10 |
| 5 | Hariom Singh | P22GT004 | July 2024 | 8.74 |
| 6 | Maharshi Girdharlal Salvi | P22GT005 | July 2024 | 9.31 |
| 7 | Imazuddin Zakiuddin Farooqui | P22GT006 | July 2024 | 7.29 |
| 8 | **Nellutla Priyanka** | P22GT008 | July 2024 | 7.94 |
| 9 | **Patel Kinjal Chandrakant** | P22GT010 | July 2024 | 6.16 |
| 10 | Shukla Naitik Ajaykumar | P22GT011 | July 2024 | 9.03 |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA |
|---|---|---|---|---|
| **Master of Technology in Civil Engineering with Specialisation in Soil Mechanics & Foundation Engineering** | | | | |
| 1 | Patel Arpitkumar Dhansukhbhai | P21SM021 | February 2024 | 6.81 |
| **Master of Technology in Civil Engineering with Specialisation in Structural Engineering** | | | | |
| 1 | **Pooja Ganpat Katkade** | P22ST021 | July 2024 | 9.81 |
| 2 | Aniket Dineshbhai Patel | P22ST001 | July 2024 | 9.05 |
| 3 | Vishal Hasamukhbhai Jagad | P22ST002 | July 2024 | 8.94 |
| 4 | Peeyush Semwal | P22ST003 | July 2024 | 7.98 |
| 5 | Harsh Kishorbhai Parnale | P22ST004 | July 2024 | 9.06 |
| 6 | Ashok Bharat Kharat | P22ST005 | July 2024 | 8.13 |
| 7 | Shivam Singh | P22ST006 | July 2024 | 7.77 |
| 8 | Bhautik Rameshbhai Vekariya | P22ST007 | July 2024 | 8.60 |
| 9 | Bamidi Pavan Kumar | P22ST008 | July 2024 | 8.69 |
| 10 | Jayakrishnan J | P22ST009 | July 2024 | 8.00 |
| 11 | Prit Alkeshkumar Gandhi | P22ST010 | July 2024 | 8.98 |
| 12 | Gaurav Pratapbhai Chauhan | P22ST011 | July 2024 | 9.40 |
| 13 | Ashfaha Abdul Rasak | P22ST012 | July 2024 | 9.35 |
| 14 | Pradeep Kumar Verma | P22ST013 | July 2024 | 9.10 |
| 15 | Shubham Parmar | P22ST014 | July 2024 | 7.97 |
| 16 | Praveen Kumar | P22ST015 | July 2024 | 9.21 |
| 17 | Challagundla Pavan Kumar | P22ST016 | July 2024 | 8.45 |
| 18 | Dev Prashant Bharatia | P22ST017 | July 2024 | 9.69 |
| 19 | Shailesh Shrikant Lahoti | P22ST018 | July 2024 | 9.11 |
| 20 | **Chaitra Devaraddi** | P22ST019 | July 2024 | 9.18 |
| 21 | Kailash Kumar | P22ST020 | July 2024 | 9.06 |
| 22 | Vikrant Vijay Parthe | P22ST022 | July 2024 | 9.53 |
| 23 | Jenil Hiteshbhai Chaudhari | P22ST023 | July 2024 | 8.10 |
| 24 | Nikhil Ramesh Pandit | P22ST024 | July 2024 | 7.81 |
| 25 | Shah Harshalkumar Hemanshubhai | P21ST003 | November 2023 | 9.73 |
| 26 | Subhedar Sitaram Kondiram | P21ST014 | November 2023 | 7.77 |
| **Master of Technology in Computer Science & Engineering** | | | | |
| 1 | **Devashri Girish Gavaskar** | P22CS001 | July 2024 | 9.53 |
| 2 | Bhimani Rohitbhai Rameshbhai | P22CS002 | July 2024 | 8.85 |
| 3 | Keval Shailesh Parekh | P22CS003 | July 2024 | 8.38 |
| 4 | Kalp Dineshkumar Gohil | P22CS004 | July 2024 | 8.97 |
| 5 | Hiren Bharatbhai Vadi | P22CS005 | July 2024 | 7.74 |
| 6 | Nishant Kumar | P22CS006 | July 2024 | 8.19 |
| 7 | Akash Shamrao Chavan | P22CS007 | July 2024 | 7.83 |
| 8 | **Samin Khan** | P22CS008 | July 2024 | 7.51 |
| 9 | Mitesh J Goswami | P22CS009 | July 2024 | 8.26 |
| 10 | Vandankumar Maheshbhai Parmar | P22CS010 | July 2024 | 7.25 |
| 11 | Nisargkumar Mukeshbhai Devani | P22CS011 | July 2024 | 8.36 |
| 12 | Harsh Bipinchandra Mistry | P22CS012 | July 2024 | 8.32 |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA |
|---|---|---|---|---|
| 13 | Niharsinh Bharatsinh Sodhaparmar | P22CS013 | July 2024 | 8.83 |
| 14 | Pankaj Kumar Singha | P22CS014 | July 2024 | 6.85 |
| 15 | Yash Manojkumar Rawal | P22CS015 | July 2024 | 8.24 |
| 16 | **Shriya Vijay Sawant** | P22CS016 | July 2024 | 6.57 |
| 17 | Kratin Pande | P22CS017 | July 2024 | 8.07 |
| 18 | Dhrumilkumar Arvindbhai Harsola | P22CS018 | July 2024 | 7.82 |
| 19 | Vanesh Kushwaha | P22CS019 | July 2024 | 7.94 |
| 20 | Abhishek Hanumant Khare | P22CS020 | July 2024 | 7.13 |
| 21 | **Sarika Santosh Pardhi** | P22CS021 | July 2024 | 7.10 |
| 22 | Shrejay Rajesh Patil | P22CS022 | July 2024 | 8.53 |
| **Master of Technology in Electrical Engineering with Specialization in Instrumentation and Control** | | | | |
| 1 | **Suparna Chaulya** | P22IC003 | June 2024 | 9.71 |
| 2 | **Tarika Kapil** | P22IC001 | June 2024 | 8.74 |
| 3 | Savankumar Kamalesh Ladva | P22IC002 | June 2024 | 8.68 |
| 4 | Chirag Dhansukhbhai Surati | P22IC004 | July 2024 | 7.00 |
| 5 | Damania Yash Prakash | P22IC005 | June 2024 | 7.45 |
| 6 | **Priyanshi Chauhan** | P22IC006 | June 2024 | 7.76 |
| 7 | **Rathod Riya Anilbhai** | P22IC007 | June 2024 | 9.10 |
| **Master of Technology in Electrical Engineering with Specialisation in Power Electronics & Electrical Drives** | | | | |
| 1 | Sujeet Kumar | P22EL001 | June 2024 | 9.18 |
| 2 | Anand Kumar | P22EL002 | June 2024 | 8.85 |
| 3 | Mahamadtalha Habibahmad Mansuri | P22EL003 | June 2024 | 6.47 |
| 4 | Sahil | P22EL004 | July 2024 | 6.73 |
| 5 | Kamran Asad | P22EL005 | June 2024 | 8.24 |
| 6 | Kayala Naga Venkata Sandeep | P22EL006 | June 2024 | 7.82 |
| 7 | Aditya Dharmendrabhai Kadia | P22EL007 | June 2024 | 8.18 |
| 8 | Akshat Kumar | P22EL008 | June 2024 | 7.90 |
| 9 | Rajesh Kumar | P22EL009 | July 2024 | 8.19 |
| 10 | **Faiza Zaidi** | P22EL010 | June 2024 | 8.53 |
| 11 | **Niyanta Jagdishbhai Chavda** | P22EL011 | June 2024 | 8.56 |
| 12 | Bhautik Pravinbhai Dudhat | P22EL012 | June 2024 | 7.82 |
| 13 | Raviraj Girishbhai Parmar | P22EL013 | June 2024 | 8.11 |
| 14 | Manthan Kiritbhai Solanki | P22EL014 | June 2024 | 8.19 |
| 15 | **Tithi Bipinbhai Amdavadi** | P22EL015 | June 2024 | 7.95 |
| 16 | Manish Chandrakant Sarode | P22EL016 | June 2024 | 7.55 |
| 17 | Parth Bharatbhai Mistry | P22EL017 | June 2024 | 8.40 |
| **Master of Technology in Electrical Engineering with Specialisation in Power Systems** | | | | |
| 1 | Maxwell Paul Mendonca | P22PS004 | July 2024 | 9.13 |
| 2 | Kenil Dilipkumar Brahmbhatt | P22PS002 | July 2024 | 7.05 |
| 3 | **Sonali Ashok Adke** | P22PS003 | July 2024 | 8.53 |
| 4 | Deep Mukeshchandra Gohil | P22PS005 | July 2024 | 8.00 |
| 5 | **Sipra Kundu** | P22PS006 | July 2024 | 7.81 |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA |
|---|---|---|---|---|
| 6 | Parth Parmar | P22PS007 | June 2024 | 7.42 |
| 7 | Harshalkumar Dilipbhai Panchal | P22PS008 | June 2024 | 8.58 |
| 8 | **Gamit Printyben Ganabhai** | P22PS009 | July 2024 | 5.81 |
| 9 | Amit Kumar Prajapati | P22PS010 | July 2024 | 6.44 |
| 10 | **Deepty George** | P22PS011 | July 2024 | 8.84 |
| 11 | Tayade Susmit Avinash | P22PS012 | July 2024 | 6.87 |
| **Master of Technology in Electronics Engineering with Specialisation in Communication Systems** | | | | |
| 1 | **Vinutha** | P22EC001 | July 2024 | 9.82 |
| 2 | **Riddhiben Ketankumar Shah** | P22EC002 | July 2024 | 9.17 |
| 3 | Jobin Dann | P22EC003 | July 2024 | 7.95 |
| 4 | Rishabh Narayan Bajpai | P22EC004 | July 2024 | 8.17 |
| 5 | **Aakriti Garima** | P22EC005 | July 2024 | 8.63 |
| 6 | **Chandrani Nayak** | P22EC006 | July 2024 | 7.68 |
| 7 | **Nimisha Rajput** | P22EC007 | July 2024 | 7.80 |
| 8 | Swapnil Kamal | P22EC008 | July 2024 | 7.20 |
| 9 | Pawan Maurya | P22EC010 | July 2024 | 8.75 |
| **Master of Technology in Electronics Engineering with Specialisation in VLSI and Embedded Systems** | | | | |
| 1 | Prateek Singh Tomar | P22VL003 | July 2024 | 9.70 |
| 2 | Abhishek Kumar | P22VL001 | July 2024 | 9.47 |
| 3 | Vijay Sai Venkat Kasina | P22VL002 | July 2024 | 8.95 |
| 4 | Shankha Shubhra Datta | P22VL004 | July 2024 | 9.62 |
| 5 | Subhojit Deb | P22VL005 | July 2024 | 8.73 |
| 6 | Raja Balwantsingh Bisht | P22VL006 | July 2024 | 8.87 |
| 7 | **Apoorva Agrawal** | P22VL007 | July 2024 | 6.95 |
| 8 | Satyam Singh | P22VL008 | July 2024 | 7.95 |
| 9 | Ramakrushna Padhy | P22VL009 | July 2024 | 7.35 |
| 10 | Ramesh Kumar | P22VL010 | July 2024 | 8.32 |
| 11 | Ankit Kumar Verma | P22VL011 | July 2024 | 8.62 |
| 12 | Narendra Yadala | P22VL012 | July 2024 | 8.52 |
| 13 | **Komal Kumari** | P22VL014 | July 2024 | 8.65 |
| 14 | Raju Sah | P22VL015 | July 2024 | 8.00 |
| 15 | Prashanth Reddy Madapa | P22VL016 | July 2024 | 8.68 |
| 16 | Prem Kumar | P22VL017 | July 2024 | 8.23 |
| 17 | Ashok Meka | P22VL018 | July 2024 | 8.6 |
| 18 | Anurag Patil | P22VL019 | July 2024 | 6.95 |
| 19 | Vilash Kri | P22VL020 | July 2024 | 6.75 |
| 20 | Hrushikesh Sunil Badgujar | P22VL021 | July 2024 | 8.15 |
| 21 | Piyush Buccha | P22VL022 | July 2024 | 8.72 |
| 22 | Pawan Nath Goswami | P22VL023 | July 2024 | 8.32 |
| 23 | Rajan Kumar Vishwakarma | P22VL024 | July 2024 | 7.87 |
| 24 | **Anandi Chandulal Parghi** | P22VL025 | July 2024 | 7.07 |
| **Master of Technology in Mechanical Engineering with Specialisation in** | | | | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA |
|---|---|---|---|---|
| **CAD / CAM** | | | | |
| 1 | Aman Sisodia | P22CC001 | July 2024 | 9.47 |
| 2 | Rakesh Bose | P22CC002 | July 2024 | 8.00 |
| 3 | Shrinivas Inamdar | P22CC003 | July 2024 | 8.56 |
| 4 | Samyak Pratik Thaker | P22CC004 | July 2024 | 9.00 |
| 5 | Khan Kazimkhan Mohsinkhan | P22CC005 | July 2024 | 8.79 |
| 6 | Patel Priyavadan Arjunbhai | P22CC006 | July 2024 | 9.03 |
| **Master of Technology in Mechanical Engineering with Specialisation in Manufacturing Engineering** | | | | |
| 1 | Prithvi Raj Sharma | P22MF001 | July 2024 | 9.33 |
| 2 | Pratik Kisan Nikam | P22MF002 | July 2024 | 7.81 |
| 3 | Lalit Vishwakarma | P22MF003 | July 2024 | 8.14 |
| 4 | Harshit Verma | P22MF004 | July 2024 | 8.33 |
| **Master of Technology in Mechanical Engineering** | | | | |
| 1 | Karan Vijaykumar Champaneria | P22ME002 | July 2024 | 9.53 |
| 2 | Yogesh Bhagaram Prajapat | P22ME001 | July 2024 | 9.40 |
| 3 | Kevinbhai Jigneshbhai Gajera | P22ME003 | July 2024 | 8.39 |
| 4 | Baban Kumar Sarma | P22ME004 | July 2024 | 8.34 |
| 5 | **Krutika Keshav Nangare** | P22ME005 | July 2024 | 8.92 |
| 6 | Neetesh Kumar Singh | P22ME006 | July 2024 | 9.16 |
| 7 | Bikash Kumar | P22ME007 | July 2024 | 8.44 |
| 8 | Sayi Keshkar | P22ME008 | July 2024 | 8.02 |
| 9 | Mitarajsinh Jaydevsinh Sarvaiya | P22ME009 | July 2024 | 8.26 |
| 10 | Shubham Dwivedi | P22ME012 | July 2024 | 8.31 |
| **Master of Technology in Mechanical Engineering with Specialisation in Thermal System Design** | | | | |
| 1 | Chaudhary Jayeshkumar Bharatkumar | P22TD008 | July 2024 | 9.84 |
| 2 | Prakash Natvarlal Panot | P22TD001 | July 2024 | 8.73 |
| 3 | Yash Garhwal | P22TD002 | July 2024 | 8.79 |
| 4 | Yadav Vikaskumar Mundrikakumar | P22TD004 | July 2024 | 9.10 |
| 5 | Shreyas Milind Joshi | P22TD005 | July 2024 | 9.22 |
| 6 | **Sakshi Rajesh Lohakare** | P22TD006 | July 2024 | 8.13 |
| 7 | Pankaj Singh | P22TD007 | July 2024 | 7.76 |
| 8 | Rohit Singh | P22TD009 | July 2024 | 9.19 |
| 9 | Patel Parth Ashvinbhai | P22TD010 | July 2024 | 8.22 |
| 10 | Yadav Arvind Shyamraj | P22TD011 | July 2024 | 8.27 |
| **Master of Technology in Mechanical Engineering with Specialisation in Turbo Machines** | | | | |
| 1 | Pruthviraj Arvindsinh Solanki | P22TM001 | July 2024 | 9.59 |
| 2 | Sashant Kapoor | P22TM002 | July 2024 | 8.87 |
| 3 | Sundar Raja Mallavarapu | P22TM003 | July 2024 | 9.10 |
| 4 | Pratham Sameer Mhatre | P22TM004 | July 2024 | 9.29 |

# Sardar Vallabhbhai National Institute of Technology, Surat (Gujarat)

## List of Degree Recipients at Twenty-First (2023-24 Passout)

**Candidate to be conferred with Bachelor of Technology Degree during Twenty-First Convocation**

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| **Bechelor of Technology in Chemical Engineering** | | | | | |
| 1 | Patel Hit Deepak | U20CH021 | APRIL/MAY 2024 | 9.65 | |
| 2 | Makwana Chirayu Jayeshkumar | U20CH001 | APRIL/MAY 2024 | 7.93 | |
| 3 | Kumar Shashi Gopalprasad | U20CH002 | APRIL/MAY 2024 | 9.31 | |
| 4 | Ramani Vishalkumar Maganbhai | U20CH003 | APRIL/MAY 2024 | 9.36 | |
| 5 | Kakadiya Smit Dharmendrakumar | U20CH004 | APRIL/MAY 2024 | 7.76 | |
| 6 | **Prachi Hudia** | U20CH005 | APRIL/MAY 2024 | 8.22 | |
| 7 | Raina Sushant Sumeer | U20CH006 | APRIL/MAY 2024 | 6.64 | |
| 8 | Kaleshwar Dhar Dubey | U20CH007 | APRIL/MAY 2024 | 8.64 | |
| 9 | Harsh Singh | U20CH008 | APRIL/MAY 2024 | 8.53 | |
| 10 | **Solanki Jeel Sunil** | U20CH009 | APRIL/MAY 2024 | 8.72 | |
| 11 | Vivek Ramjanak Yadav | U20CH010 | APRIL/MAY 2024 | 8.64 | |
| 12 | Lalakiya Prit Rajeshbhai | U20CH011 | APRIL/MAY 2024 | 9.28 | |
| 13 | Patel Deep Rohitbhai | U20CH012 | APRIL/MAY 2024 | 8.92 | |
| 14 | Chatterjee Ayan Sudhakrishna | U20CH013 | APRIL/MAY 2024 | 9.21 | |
| 15 | Kansagara Prit Jaysukhbhai | U20CH014 | APRIL/MAY 2024 | 9.43 | |
| 16 | Govani Rajat Rajeshbhai | U20CH015 | APRIL/MAY 2024 | 9.43 | |
| 17 | Ashutosh Shrivastava | U20CH016 | APRIL/MAY 2024 | 8.17 | |
| 18 | **Vaghamshi Krupaben Nanjibhai** | U20CH018 | APRIL/MAY 2024 | 8.61 | |
| 19 | Ajay Kumawat | U20CH019 | APRIL/MAY 2024 | 7.76 | |
| 20 | Varghese Jerry Regi | U20CH020 | APRIL/MAY 2024 | 9.49 | |
| 21 | Vaghela Dev Sudhirkumar | U20CH022 | APRIL/MAY 2024 | 9.60 | |
| 22 | **Shambhavi Pandey** | U20CH023 | APRIL/MAY 2024 | 8.62 | |
| 23 | **Madhuri Sharma** | U20CH024 | APRIL/MAY 2024 | 8.05 | |
| 24 | Patel Krunalkumar Kalpeshbhai | U20CH025 | APRIL/MAY 2024 | 8.88 | |
| 25 | Prajapati Jaimin Dineshchandra | U20CH026 | APRIL/MAY 2024 | 8.84 | |
| 26 | Baresa Tushar Jeetandrakumar | U20CH027 | APRIL/MAY 2024 | 7.73 | |
| 27 | **Kenny Arvindbhai Kachhadiya** | U20CH028 | APRIL/MAY 2024 | 7.92 | |
| 28 | Dodiya Jaydipbhai Rameshbhai | U20CH029 | APRIL/MAY 2024 | 8.48 | |
| 29 | Bhanderi Nainik Jagdishbhai | U20CH030 | APRIL/MAY 2024 | 8.91 | |
| 30 | Vikash Shukla | U20CH031 | APRIL/MAY 2024 | 9.11 | |
| 31 | Gedam Prajyot Pramod | U20CH032 | APRIL/MAY 2024 | 7.98 | |
| 32 | Abhyudaya Dadhich | U20CH033 | APRIL/MAY 2024 | 8.31 | |
| 33 | Subham Singh | U20CH034 | APRIL/MAY 2024 | 7.59 | |
| 34 | Bhagat Dhyey Rakeshbhai | U20CH035 | APRIL/MAY 2024 | 8.51 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 35 | **Vanshika A Jalan** | U20CH037 | APRIL/MAY 2024 | 8.43 | |
| 36 | Narayan Joshi | U20CH041 | APRIL/MAY 2024 | 9.56 | |
| 37 | Bhoya Kaushikbhai Dhirubhai | U20CH042 | APRIL/MAY 2024 | 6.57 | |
| 38 | Gunisetti Prem Kumar | U20CH043 | APRIL/MAY 2024 | 7.66 | |
| 39 | Utsav Singh | U20CH044 | APRIL/MAY 2024 | 8.61 | |
| 40 | Chansu Vinod Kumar Aagja | U20CH045 | APRIL/MAY 2024 | 6.57 | |
| 41 | **Vaghela Isha Bhupendrabhai** | U20CH046 | APRIL/MAY 2024 | 8.11 | |
| 42 | Kavad Ajay Jagubhai | U20CH047 | APRIL/MAY 2024 | 7.74 | |
| 43 | Parmar Kashyapkumar Kishorbhai | U20CH048 | APRIL/MAY 2024 | 6.77 | |
| 44 | Detroja Vivek Shaileshbhai | U20CH049 | APRIL/MAY 2024 | 8.28 | |
| 45 | Paradva Krish Chunilal | U20CH050 | APRIL/MAY 2024 | 9.62 | |
| 46 | Solanki Maulikkumar Kishorbhai | U20CH051 | APRIL/MAY 2024 | 6.40 | |
| 47 | **Mehta Drashti Kiritkumar** | U20CH052 | APRIL/MAY 2024 | 8.49 | |
| 48 | **Nithyasri S** | U20CH053 | APRIL/MAY 2024 | 7.07 | |
| 49 | Makwana Harshad Lakhamanbhai | U20CH054 | APRIL/MAY 2024 | 8.63 | |
| 50 | Dhyey Hiteshkumar Patel | U20CH055 | APRIL/MAY 2024 | 8.02 | |
| 51 | **Tejavath Chaitanya Sri** | U20CH056 | APRIL/MAY 2024 | 7.93 | |
| 52 | Sajal Saxena | U20CH057 | APRIL/MAY 2024 | 9.29 | **Minor in CSE (CGPA:7.80)** |
| 53 | Jatin Agrawal | U20CH058 | APRIL/MAY 2024 | 8.62 | |
| 54 | Chinmayananda Sahu | U20CH059 | APRIL/MAY 2024 | 8.08 | |
| 55 | Tanmay Nawale | U20CH060 | APRIL/MAY 2024 | 8.71 | |
| 56 | **Cherala Jahnavi Manohar** | U20CH062 | APRIL/MAY 2024 | 8.23 | |
| 57 | Deepanshu Chachan | U20CH063 | APRIL/MAY 2024 | 8.03 | |
| 58 | **Shreya Sapkale** | U20CH065 | APRIL/MAY 2024 | 8.47 | |
| 59 | Yashasvi Shailesh Shah | U20CH066 | APRIL/MAY 2024 | 8.69 | **Minor in CSE (CGPA:7.24)** |
| 60 | Parag Kulshrestha | U20CH067 | APRIL/MAY 2024 | 8.92 | |
| 61 | Vivek Jaiswal | U20CH068 | APRIL/MAY 2024 | 7.96 | |
| 62 | Aniket Verma | U20CH069 | APRIL/MAY 2024 | 8.63 | |
| 63 | **Sayantani Dutta** | U20CH070 | APRIL/MAY 2024 | 8.34 | |
| 64 | Chotaliya Kaushik Dipakbhai | U20CH072 | APRIL/MAY 2024 | 8.21 | |
| 65 | Rohit Laxminarayan Meena | U20CH073 | APRIL/MAY 2024 | 7.17 | |
| 66 | **Vagadia Deveshri Manish** | U20CH074 | APRIL/MAY 2024 | 7.75 | **Minor in ME (CGPA:7.38)** |
| 67 | Prashant Paliwal | U20CH075 | APRIL/MAY 2024 | 7.96 | |
| 68 | Patel Manan Rajeshbhai | U20CH076 | APRIL/MAY 2024 | 8.27 | |
| 69 | Sahoo Smrutiranjan Nirmalkumar | U20CH078 | APRIL/MAY 2024 | 7.82 | |
| 70 | Mayank Sagar | U20CH079 | APRIL/MAY 2024 | 8.19 | |
| 71 | Pankaj Kumar | U20CH080 | APRIL/MAY 2024 | 8.15 | |
| 72 | Gajulapalle Sai Siddartha | U20CH081 | APRIL/MAY 2024 | 8.49 | **Minor in EC** |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| | | | | | (CGPA:7.92) |
| 73 | Modi Ayush Manishkumar | U20CH082 | APRIL/MAY 2024 | 8.72 | |
| 74 | Dongardive Amit Vijay | U20CH083 | APRIL/MAY 2024 | 7.02 | |
| 75 | **Bollineni Neha** | U20CH084 | APRIL/MAY 2024 | 9.06 | |
| 76 | Yogesh Kumawat | U20CH085 | APRIL/MAY 2024 | 8.25 | |
| 77 | **Yelagandula Saisree** | U20CH086 | APRIL/MAY 2024 | 8.46 | |
| 78 | Souptik Pal | U20CH087 | APRIL/MAY 2024 | 9.43 | |
| 79 | Ankit Singh | U20CH088 | APRIL/MAY 2024 | 7.56 | |
| 80 | **Preeti Jannu** | U20CH089 | APRIL/MAY 2024 | 8.76 | |
| 81 | Aagam Vora | U20CH090 | APRIL/MAY 2024 | 8.62 | |
| 82 | Lunavath Chaithanya | U20CH091 | APRIL/MAY 2024 | 6.11 | |
| 83 | Kuldeep | U20CH092 | APRIL/MAY 2024 | 8.18 | |
| 84 | Marada Syam Kumar | U20CH093 | APRIL/MAY 2024 | 6.33 | |
| 85 | Abhay Kumar | U20CH094 | APRIL/MAY 2024 | 9.13 | |
| 86 | Harshvardhan Rathore | U20CH095 | APRIL/MAY 2024 | 7.08 | |
| 87 | **Kinjal Selot** | U20CH096 | APRIL/MAY 2024 | 6.58 | |
| 88 | Kellampalli Ravi Chandra | U20CH097 | APRIL/MAY 2024 | 7.41 | |
| 89 | **Vaja Himadriba Ajittsinh** | U20CH098 | APRIL/MAY 2024 | 7.19 | |
| 90 | Chirag Jain | U20CH099 | APRIL/MAY 2024 | 7.98 | |
| 91 | Abhishek Pradhan | U20CH100 | APRIL/MAY 2024 | 7.39 | |
| 92 | Harshal Kamdi | U20CH101 | APRIL/MAY 2024 | 6.82 | |
| 93 | Shah Het Rohitkumar | U20CH102 | APRIL/MAY 2024 | 8.70 | |
| 94 | Jannu Keerthan | U20CH103 | APRIL/MAY 2024 | 6.89 | |
| 95 | Umang Choudhary | U20CH104 | APRIL/MAY 2024 | 7.47 | |
| 96 | Yuvraj Singh Bhati | U20CH105 | APRIL/MAY 2024 | 7.36 | |
| 97 | Meena Kartik Ashokkumar | U20CH106 | APRIL/MAY 2024 | 7.93 | |
| 98 | Satyam Rastogi | U20CH107 | APRIL/MAY 2024 | 8.52 | |
| 99 | Sunnam Sai Ganesh | U20CH108 | APRIL/MAY 2024 | 7.17 | |
| 100 | **Maloo Pratibha Satish** | U20CH109 | APRIL/MAY 2024 | 8.38 | |
| 101 | Thaker Deep Rakeshbhai | U20CH110 | APRIL/MAY 2024 | 7.17 | |
| 102 | Parmar Bhavdeepkumar Dahyabhai | U20CH111 | APRIL/MAY 2024 | 8.19 | |
| 103 | Kiran Kumar Saini | U20CH112 | APRIL/MAY 2024 | 6.97 | |
| 104 | Banothu Harish | U20CH113 | APRIL/MAY 2024 | 7.52 | |
| 105 | Rajnish Nanda | U20CH114 | APRIL/MAY 2024 | 8.32 | |
| 106 | Damania Tanaykumar Girish | U20CH115 | APRIL/MAY 2024 | 8.01 | |
| 107 | Patel Jay Satish | U20CH116 | APRIL/MAY 2024 | 8.03 | |
| 108 | Shashwat Gupta | U20CH117 | APRIL/MAY 2024 | 8.24 | |
| 109 | **Hingu Deepika Naresh** | U20CH118 | APRIL/MAY 2024 | 9.09 | |
| 110 | Verma Ankit Dinesh | U20CH119 | APRIL/MAY 2024 | 7.33 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 111 | Priyansh Tanvar | U19CH013 | APRIL/MAY 2024 | 6.40 | |
| **Bechelor of Technology in Civil Engineering** | | | | | |
| 1 | Anshul Meena | U20CE016 | APRIL/MAY 2024 | 9.34 | |
| 2 | Rahul Kumar | U20CE001 | APRIL/MAY 2024 | 8.68 | |
| 3 | Vivek Garg | U20CE002 | APRIL/MAY 2024 | 8.62 | |
| 4 | Patel Vickykumar Prakashbhai | U20CE003 | APRIL/MAY 2024 | 7.06 | |
| 5 | Jayant Kumawat | U20CE004 | APRIL/MAY 2024 | 8.20 | |
| 6 | Manish Kumar | U20CE005 | APRIL/MAY 2024 | 8.58 | |
| 7 | Prakhar Agrahari | U20CE006 | APRIL/MAY 2024 | 8.93 | **IIT Bombay** |
| 8 | Aman Vijayvargya | U20CE007 | APRIL/MAY 2024 | 8.78 | |
| 9 | **Vibha Elsa** | U20CE008 | APRIL/MAY 2024 | 7.81 | |
| 10 | Chauhan Viral Mohanbhai | U20CE009 | APRIL/MAY 2024 | 7.28 | |
| 11 | Sharwan Kumar | U20CE010 | APRIL/MAY 2024 | 7.63 | |
| 12 | Harsh Sharma | U20CE011 | APRIL/MAY 2024 | 8.83 | |
| 13 | Parth Rastogi | U20CE012 | APRIL/MAY 2024 | 8.46 | |
| 14 | Sarvaiya Mohit Hiteshbhai | U20CE013 | APRIL/MAY 2024 | 7.43 | |
| 15 | Gohil Umangkumar Dhirajbhai | U20CE014 | APRIL/MAY 2024 | 6.44 | |
| 16 | Abhay Raj | U20CE015 | APRIL/MAY 2024 | 8.22 | |
| 17 | Prajapati Smit Manubhai | U20CE017 | APRIL/MAY 2024 | 7.77 | |
| 18 | Praveen Kumar Meena | U20CE018 | APRIL/MAY 2024 | 7.33 | |
| 19 | Chauhan Vyom Rajeshbhai | U20CE019 | APRIL/MAY 2024 | 8.07 | |
| 20 | **Jain Tanisha Nareshkumar** | U20CE020 | APRIL/MAY 2024 | 8.93 | |
| 21 | **Kumari Ritu** | U20CE021 | APRIL/MAY 2024 | 8.47 | |
| 22 | Dafda Tushar Subhashbhai | U20CE022 | APRIL/MAY 2024 | 7.44 | |
| 23 | Shyara Satyam Bhikhalal | U20CE023 | APRIL/MAY 2024 | 8.39 | |
| 24 | Pujya Sainadh Boppana | U20CE024 | APRIL/MAY 2024 | 8.87 | |
| 25 | Maru Aniket Sanatbhai | U20CE025 | APRIL/MAY 2024 | 7.28 | |
| 26 | **Paleru Samyuktha Chowdary** | U20CE026 | APRIL/MAY 2024 | 8.64 | |
| 27 | Vajapara Yash Jagdishbhai | U20CE028 | APRIL/MAY 2024 | 8.07 | |
| 28 | Shrimali Ritik Pankajkumar | U20CE029 | APRIL/MAY 2024 | 7.93 | |
| 29 | Boricha Harsh Naren | U20CE030 | APRIL/MAY 2024 | 7.75 | |
| 30 | Yogendra Meena | U20CE031 | APRIL/MAY 2024 | 8.17 | |
| 31 | Ayush Kumar | U20CE032 | APRIL/MAY 2024 | 8.03 | |
| 32 | **Khatri Vaidehi Anilkumar** | U20CE033 | APRIL/MAY 2024 | 7.79 | |
| 33 | Sandu Aayush Prashant | U20CE035 | APRIL/MAY 2024 | 8.17 | |
| 34 | Pathak Tusharkumar Arvind | U20CE037 | APRIL/MAY 2024 | 7.61 | |
| 35 | Shripal Bhati | U20CE039 | APRIL/MAY 2024 | 7.87 | |
| 36 | Pushpendra Bhakar | U20CE040 | APRIL/MAY 2024 | 7.50 | |
| 37 | Prakash Kumar | U20CE041 | APRIL/MAY 2024 | 8.34 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 38 | Walhe Hemant Vilas | U20CE042 | APRIL/MAY 2024 | 6.97 | |
| 39 | Prashant Gautam | U20CE043 | APRIL/MAY 2024 | 7.96 | |
| 40 | Patel Jaydipbhai Kantilal | U20CE044 | APRIL/MAY 2024 | 7.77 | |
| 41 | Pancholi Tirth Jigneshkumar | U20CE045 | APRIL/MAY 2024 | 7.65 | |
| 42 | Kartavyasinh Pravinsinh Mandora | U20CE046 | APRIL/MAY 2024 | 7.92 | |
| 43 | Pandya Rachitkumar Janakkumar | U20CE047 | APRIL/MAY 2024 | 7.65 | |
| 44 | Meet Harish Premchandani | U20CE049 | APRIL/MAY 2024 | 7.03 | |
| 45 | **Chesta Gupta** | U20CE050 | APRIL/MAY 2024 | 7.81 | |
| 46 | Raval Shlok Mukeshkumar | U20CE051 | APRIL/MAY 2024 | 8.16 | |
| 47 | **Aayushi Singh** | U20CE052 | APRIL/MAY 2024 | 7.99 | |
| 48 | Vala Pradipkumar Dilubhai | U20CE053 | APRIL/MAY 2024 | 7.22 | |
| 49 | Dolar Chirag Kishorbhai | U20CE055 | APRIL/MAY 2024 | 7.97 | |
| 50 | **Veerapu Sriya Rao** | U20CE056 | APRIL/MAY 2024 | 8.50 | |
| 51 | Abhishek Tiwari | U20CE058 | APRIL/MAY 2024 | 8.30 | **IIT Bombay** |
| 52 | Avichal Singh | U20CE059 | APRIL/MAY 2024 | 9.04 | |
| 53 | Patel Ved Himanshu | U20CE061 | APRIL/MAY 2024 | 8.73 | |
| 54 | Raunak Kashyap | U20CE062 | APRIL/MAY 2024 | 7.17 | |
| 55 | Sharma Siddharth Dinesh | U20CE063 | APRIL/MAY 2024 | 8.47 | |
| 56 | Patel Kushal Nileshbhai | U20CE064 | APRIL/MAY 2024 | 8.49 | |
| 57 | **A Sreevalli** | U20CE065 | APRIL/MAY 2024 | 8.52 | **IIT Bombay** |
| 58 | Patel Rahul Jayeshbhai | U20CE066 | APRIL/MAY 2024 | 9.00 | |
| 59 | **Sakshi Bhushan** | U20CE067 | APRIL/MAY 2024 | 7.40 | |
| 60 | Dixit Singhal | U20CE068 | APRIL/MAY 2024 | 8.65 | |
| 61 | **Grammy Agrawal** | U20CE069 | APRIL/MAY 2024 | 7.57 | |
| 62 | Chaudhary Neelesh Shankerlal | U20CE070 | APRIL/MAY 2024 | 8.10 | |
| 63 | Makwana Mayurbhai Rameshbhai | U20CE071 | APRIL/MAY 2024 | 7.13 | |
| 64 | Jayswal Sarthak Shaileshkumar | U20CE072 | APRIL/MAY 2024 | 8.56 | |
| 65 | Mori Virajsinh Bharatsinh | U20CE073 | APRIL/MAY 2024 | 7.87 | |
| 66 | Hardik Kumar | U20CE075 | APRIL/MAY 2024 | 8.46 | |
| 67 | Nimeetsingh | U20CE076 | APRIL/MAY 2024 | 8.40 | |
| 68 | Anish Kumar | U20CE077 | APRIL/MAY 2024 | 8.44 | |
| 69 | Ganesh | U20CE079 | APRIL/MAY 2024 | 9.23 | **IIT Bombay** |
| 70 | Nishad Bhavik Parashbhai | U20CE080 | APRIL/MAY 2024 | 7.25 | |
| 71 | Dhimmar Himalay Ashokkumar | U20CE081 | APRIL/MAY 2024 | 7.58 | |
| 72 | **Magar Pradnya Bhagwan** | U20CE082 | APRIL/MAY 2024 | 6.70 | |
| 73 | Akhand Gangwar | U20CE083 | APRIL/MAY 2024 | 8.33 | |
| 74 | Dinesh Kumar | U20CE084 | APRIL/MAY 2024 | 7.47 | |
| 75 | Arogya Tiwari | U20CE085 | APRIL/MAY 2024 | 8.26 | |
| 76 | Princekumar Vaghasiya | U20CE087 | APRIL/MAY 2024 | 7.56 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 77 | Nakum Divyeshbhai Narshibhai | U20CE088 | APRIL/MAY 2024 | 8.93 | |
| 78 | Yash Sharma | U20CE089 | APRIL/MAY 2024 | 8.23 | |
| 79 | Bishwasray Nilamadhaba Santoshbhai | U20CE090 | APRIL/MAY 2024 | 6.51 | |
| 80 | Patel Vishv Narendrabhai | U20CE091 | APRIL/MAY 2024 | 8.80 | |
| 81 | Pondugula Krishna Reddy | U20CE092 | APRIL/MAY 2024 | 8.37 | |
| 82 | Piyush Purohit | U20CE094 | APRIL/MAY 2024 | 7.11 | |
| 83 | Karan Raj | U20CE096 | APRIL/MAY 2024 | 8.46 | |
| 84 | Kollu Haswanth | U20CE098 | APRIL/MAY 2024 | 8.67 | |
| 85 | Bhavesh | U20CE099 | APRIL/MAY 2024 | 8.29 | |
| 86 | Yash Saini | U20CE100 | APRIL/MAY 2024 | 8.05 | |
| 87 | Jani Raj Nileshbhai | U20CE102 | APRIL/MAY 2024 | 7.62 | |
| 88 | Parmar Kirpalsinh Narendrasinh | U20CE103 | APRIL/MAY 2024 | 8.23 | |
| 89 | Shah Akshil Rakeshkumar | U20CE104 | APRIL/MAY 2024 | 8.20 | |
| 90 | Saqulain Sayeed | U20CE105 | APRIL/MAY 2024 | 8.96 | |
| 91 | Akash Tiwari | U20CE106 | APRIL/MAY 2024 | 8.37 | |
| 92 | **Vasave Purviben Himanshubhai** | U20CE107 | APRIL/MAY 2024 | 7.17 | |
| 93 | Upadhyay Darshan Prafulbhai | U20CE109 | APRIL/MAY 2024 | 8.09 | |
| 94 | **Unadkat Yashvi Rajendrakumar** | U20CE110 | APRIL/MAY 2024 | 8.81 | **IIT Bombay** |
| 95 | **Pratiba Charan** | U20CE111 | APRIL/MAY 2024 | 7.56 | |
| 96 | Shubham Kumar | U20CE112 | APRIL/MAY 2024 | 7.02 | |
| 97 | Pandor Nihar Ashokbhai | U20CE113 | APRIL/MAY 2024 | 7.66 | |
| 98 | **Kruti Dataram** | U20CE115 | APRIL/MAY 2024 | 7.33 | |
| 99 | Patel Krushang Jayeshbhai | U20CE116 | APRIL/MAY 2024 | 8.03 | |
| 100 | Suprit Ranjan Swain | U19CE039 | APRIL/MAY 2024 | 6.87 | |
| 101 | Patel Romil Prakashbhai | U18CE042 | APRIL/MAY 2024 | 6.17 | |
| **Bechelor of Technology in Computer Science and Engineering** | | | | | |
| 1 | Nakum Harshil Ambrishkumar | U20CS104 | APRIL/MAY 2024 | 9.46 | |
| 2 | Dholakiya Bhavik Prashantbhai | U20CS001 | APRIL/MAY 2024 | 8.38 | |
| 3 | Doriya Rashtrpal Devjibhai | U20CS002 | APRIL/MAY 2024 | 8.04 | |
| 4 | Oza Jeetkumar Vishnubhai | U20CS003 | APRIL/MAY 2024 | 8.23 | |
| 5 | **Shah Dhrumi Ankurbhai** | U20CS004 | APRIL/MAY 2024 | 8.48 | |
| 6 | **Marakana Bansi Manojbhai** | U20CS005 | APRIL/MAY 2024 | 8.84 | |
| 7 | Rishabh Maloo | U20CS006 | APRIL/MAY 2024 | 8.75 | |
| 8 | **Vyas Sariyu Kamleshbhai** | U20CS007 | APRIL/MAY 2024 | 8.05 | |
| 9 | Amit Santoshbhai Parekh | U20CS008 | APRIL/MAY 2024 | 8.22 | |
| 10 | Kishan Daaby | U20CS009 | APRIL/MAY 2024 | 7.72 | |
| 11 | Rathod Jaiminkumar Harishbhai | U20CS010 | APRIL/MAY 2024 | 8.27 | |
| 12 | **Pallavi Sharad** | U20CS011 | APRIL/MAY 2024 | 7.84 | |
| 13 | **Aditi Agarwal** | U20CS012 | APRIL/MAY 2024 | 8.48 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 14 | **Pooja Patel** | U20CS013 | APRIL/MAY 2024 | 7.81 | |
| 15 | Aayush Deepakappa Dude | U20CS014 | APRIL/MAY 2024 | 7.75 | |
| 16 | Rahul R Baghel | U20CS015 | APRIL/MAY 2024 | 6.94 | |
| 17 | Madhuram Mahajan | U20CS016 | APRIL/MAY 2024 | 8.22 | |
| 18 | Himanshu Tirole | U20CS017 | APRIL/MAY 2024 | 8.77 | |
| 19 | Vijendra Saini | U20CS018 | APRIL/MAY 2024 | 7.46 | |
| 20 | Kushank Jatinbhai Patel | U20CS019 | APRIL/MAY 2024 | 7.69 | |
| 21 | Bhagat Kabir Dharmeshkumar | U20CS020 | APRIL/MAY 2024 | 8.05 | |
| 22 | **Vaza Bijal Yogesh** | U20CS021 | APRIL/MAY 2024 | 8.10 | |
| 23 | Soumyadeep Hazra | U20CS022 | APRIL/MAY 2024 | 8.78 | |
| 24 | Prince Kumar | U20CS023 | APRIL/MAY 2024 | 8.25 | |
| 25 | Patel Dhruvkumar Nareshbhai | U20CS024 | APRIL/MAY 2024 | 8.00 | |
| 26 | Satish Hemrajani | U20CS025 | APRIL/MAY 2024 | 8.56 | |
| 27 | Dev Patel | U20CS026 | APRIL/MAY 2024 | 8.21 | |
| 28 | Kaulic Manan Dineshbhai | U20CS027 | APRIL/MAY 2024 | 6.92 | |
| 29 | **Mahla Hemanshi Dharmeshkumar** | U20CS028 | APRIL/MAY 2024 | 7.68 | |
| 30 | Rathva Gauravbhai Rajubhai | U20CS029 | APRIL/MAY 2024 | 7.35 | |
| 31 | Patel Shreykumar Satishbhai | U20CS030 | APRIL/MAY 2024 | 7.79 | |
| 32 | **Neha Deekonda** | U20CS031 | APRIL/MAY 2024 | 8.65 | |
| 33 | **Palak Jain** | U20CS032 | APRIL/MAY 2024 | 7.98 | |
| 34 | **Jotangia Nirdeshi Kamal** | U20CS033 | APRIL/MAY 2024 | 9.08 | |
| 35 | Dodiya Ayush Hareshbhai | U20CS034 | APRIL/MAY 2024 | 7.89 | |
| 36 | Akshat Saxena | U20CS035 | APRIL/MAY 2024 | 8.84 | |
| 37 | **Kavya Chetan Kumar Parekh** | U20CS036 | APRIL/MAY 2024 | 8.49 | |
| 38 | Parmar Vasav Rajendrakumar | U20CS037 | APRIL/MAY 2024 | 8.77 | |
| 39 | Shilp Kishorbhai Sakhareliya | U20CS038 | APRIL/MAY 2024 | 8.70 | |
| 40 | **Hansika Saini** | U20CS040 | APRIL/MAY 2024 | 8.68 | |
| 41 | **Shahi Arya Bipinkumar** | U20CS041 | APRIL/MAY 2024 | 8.71 | |
| 42 | Allada Naga Sivakanth | U20CS042 | APRIL/MAY 2024 | 8.73 | |
| 43 | Shah Poorvank Nileshkumar | U20CS043 | APRIL/MAY 2024 | 8.21 | |
| 44 | Sarthak Chauhan | U20CS044 | APRIL/MAY 2024 | 8.54 | |
| 45 | Zala Divy Baldevbhai | U20CS045 | APRIL/MAY 2024 | 8.17 | |
| 46 | Desai Harshil Mukeshbhai | U20CS046 | APRIL/MAY 2024 | 8.32 | |
| 47 | Gothi Meetkumar Narotambhai | U20CS047 | APRIL/MAY 2024 | 8.31 | |
| 48 | Sahaj Tilala | U20CS048 | APRIL/MAY 2024 | 8.24 | |
| 49 | Patel Dharmik Hasmukhkumar | U20CS049 | APRIL/MAY 2024 | 9.40 | |
| 50 | Adarsh Sastry Devarakonda | U20CS050 | APRIL/MAY 2024 | 5.91 | |
| 51 | Shreyas Mahajan | U20CS051 | APRIL/MAY 2024 | 8.84 | |
| 52 | Patel Mitanshu Rajendrabhai | U20CS052 | APRIL/MAY 2024 | 9.29 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 53 | Ghaskata Tarangkumar Arvindbhai | U20CS053 | APRIL/MAY 2024 | 8.02 | |
| 54 | Krishna Shreeram | U20CS054 | APRIL/MAY 2024 | 8.51 | |
| 55 | Mohammed Sabil | U20CS055 | APRIL/MAY 2024 | 7.86 | |
| 56 | Dadhania Jatan Ketan | U20CS056 | APRIL/MAY 2024 | 8.01 | |
| 57 | **Pakhi Srivastava** | U20CS059 | APRIL/MAY 2024 | 8.73 | |
| 58 | **Priyanshi Premal Shah** | U20CS060 | APRIL/MAY 2024 | 8.68 | |
| 59 | Yedla Lathip | U20CS061 | APRIL/MAY 2024 | 8.08 | |
| 60 | Suthar Durgeshkumar Prakashkumar | U20CS062 | APRIL/MAY 2024 | 8.68 | |
| 61 | Atharv Patil | U20CS063 | APRIL/MAY 2024 | 8.75 | |
| 62 | Rohan Samir Mujumdar | U20CS064 | APRIL/MAY 2024 | 7.59 | |
| 63 | Vraj Nirajbhai Rajpura | U20CS065 | APRIL/MAY 2024 | 8.84 | |
| 64 | Patel Sneh Chiragkumar | U20CS066 | APRIL/MAY 2024 | 7.65 | |
| 65 | **Shah Tanisha Prafulbhai** | U20CS068 | APRIL/MAY 2024 | 8.75 | |
| 66 | Urgain Nurboo | U20CS069 | APRIL/MAY 2024 | 7.93 | |
| 67 | Yadav Jay Rajendrakumar | U20CS070 | APRIL/MAY 2024 | 8.23 | |
| 68 | **Angelin** | U20CS071 | APRIL/MAY 2024 | 8.50 | |
| 69 | Shashikant Dangi | U20CS072 | APRIL/MAY 2024 | 8.59 | |
| 70 | **Kirti Jitendrakumar Chaudhary** | U20CS073 | APRIL/MAY 2024 | 8.03 | |
| 71 | Mohammed Umar Sharieff | U20CS075 | APRIL/MAY 2024 | 7.95 | |
| 72 | Sakheta Ritesh Vijaybhai | U20CS076 | APRIL/MAY 2024 | 7.88 | |
| 73 | Harshvardhan Keyurkumar Khimsuriya | U20CS078 | APRIL/MAY 2024 | 7.83 | |
| 74 | Mihir Gandhi | U20CS079 | APRIL/MAY 2024 | 8.52 | |
| 75 | Bhimani Raj Vijaybhai | U20CS080 | APRIL/MAY 2024 | 7.75 | |
| 76 | Aditya Yadav | U20CS081 | APRIL/MAY 2024 | 7.78 | |
| 77 | Hemnani Mihir Jitumal | U20CS083 | APRIL/MAY 2024 | 8.10 | |
| 78 | Amankumar Churiwal | U20CS084 | APRIL/MAY 2024 | 8.09 | |
| 79 | **Riya Himanshu Shah** | U20CS085 | APRIL/MAY 2024 | 8.42 | |
| 80 | Patel Rajankumar Ashokbhai | U20CS086 | APRIL/MAY 2024 | 7.38 | |
| 81 | Sanskar Jaiswal | U20CS087 | APRIL/MAY 2024 | 6.74 | |
| 82 | **Pandya Disha Vipulkumar** | U20CS088 | APRIL/MAY 2024 | 8.23 | |
| 83 | **Patel Devanshi Chintankumar** | U20CS089 | APRIL/MAY 2024 | 8.33 | |
| 84 | Bhimani Darshan Pradipbhai | U20CS091 | APRIL/MAY 2024 | 8.03 | |
| 85 | Jani Shivamkumar Rajeshbhai | U20CS092 | APRIL/MAY 2024 | 7.70 | |
| 86 | Nehal Jhajharia | U20CS093 | APRIL/MAY 2024 | 7.65 | |
| 87 | Gandecha Manan Vimalkumar | U20CS094 | APRIL/MAY 2024 | 7.89 | |
| 88 | **Aarti Anil Otari** | U20CS095 | APRIL/MAY 2024 | 8.20 | |
| 89 | Sneharsh Belsare | U20CS096 | APRIL/MAY 2024 | 8.64 | |
| 90 | Gunjan Atul Shinde | U20CS097 | APRIL/MAY 2024 | 7.49 | |
| 91 | Neelagiri Vijay | U20CS098 | APRIL/MAY 2024 | 8.19 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 92 | Samyak Jain | U20CS099 | APRIL/MAY 2024 | 8.21 | |
| 93 | Aditya Raj | U20CS100 | APRIL/MAY 2024 | 6.68 | |
| 94 | Suru Manoj | U20CS101 | APRIL/MAY 2024 | 9.12 | |
| 95 | **Gatla Amulya Reddy** | U20CS103 | APRIL/MAY 2024 | 9.04 | |
| 96 | Kanade Shivarth Omprakash | U20CS105 | APRIL/MAY 2024 | 6.82 | |
| 97 | Sanghvi Paril Pritulbhai | U20CS106 | APRIL/MAY 2024 | 8.33 | |
| 98 | Pokale Suyog Sachin | U20CS107 | APRIL/MAY 2024 | 7.44 | |
| 99 | Oza Dhairya Mahendrakumar | U20CS108 | APRIL/MAY 2024 | 9.19 | |
| 100 | Chippa Adithya | U20CS109 | APRIL/MAY 2024 | 8.09 | |
| 101 | Krishna Pandey | U20CS110 | APRIL/MAY 2024 | 8.36 | |
| 102 | Adarsh Pratap Singh | U20CS111 | APRIL/MAY 2024 | 8.81 | |
| 103 | Mudit Nema | U20CS112 | APRIL/MAY 2024 | 8.55 | |
| 104 | Shivaksh Kadge | U20CS113 | APRIL/MAY 2024 | 7.04 | |
| 105 | Lellapalli Vikas | U20CS114 | APRIL/MAY 2024 | 7.90 | |
| 106 | **G Sri Chandana** | U20CS115 | APRIL/MAY 2024 | 8.28 | |
| 107 | Ankit Raj | U20CS116 | APRIL/MAY 2024 | 7.60 | |
| 108 | Neelav Bhatiya | U20CS117 | APRIL/MAY 2024 | 9.21 | |
| 109 | Yash Shah | U20CS119 | APRIL/MAY 2024 | 8.57 | |
| 110 | Gundeti Sai Reddy | U20CS120 | APRIL/MAY 2024 | 7.67 | |
| 111 | Ajay Kanherkar | U20CS121 | APRIL/MAY 2024 | 6.56 | |
| 112 | Madala Prudhvi Narayana | U20CS122 | APRIL/MAY 2024 | 6.91 | |
| 113 | Shishir | U20CS123 | APRIL/MAY 2024 | 7.54 | |
| 114 | **Anjali** | U20CS124 | APRIL/MAY 2024 | 7.26 | |
| 115 | Alkanti Nandhakishore Reddy | U20CS125 | APRIL/MAY 2024 | 8.69 | |
| 116 | Tangudu Vivek | U20CS126 | APRIL/MAY 2024 | 9.01 | |
| 117 | Rathod Shubhamkumar Jitendrabhai | U20CS127 | APRIL/MAY 2024 | 7.07 | |
| 118 | Rohan Verma | U20CS128 | APRIL/MAY 2024 | 7.49 | |
| 119 | K Sachin Naik | U20CS129 | APRIL/MAY 2024 | 7.25 | |
| 120 | Trivedi Vishvesh Nilesh | U20CS130 | APRIL/MAY 2024 | 9.07 | |
| 121 | Yampati Eswar Kalyan Reddy | U20CS132 | APRIL/MAY 2024 | 8.55 | |
| 122 | **Kambham Kavya** | U20CS133 | APRIL/MAY 2024 | 7.43 | |
| 123 | **Kola Anu Sri** | U20CS134 | APRIL/MAY 2024 | 7.41 | |
| 124 | Shivam Mishra | U20CS135 | APRIL/MAY 2024 | 8.46 | |
| 125 | Aakash Yadav | U19CS035 | APRIL/MAY 2024 | 7.38 | |
| 126 | Parmar Mayankkumar Jayantibhai | U19CS112 | NOV/DEC 2023 | 6.55 | |
| **Bechelor of Technology in Electrical Engineering** | | | | | |
| 1 | Harsh Kumar | U20EE079 | APRIL/MAY 2024 | 9.25 | |
| 2 | Tarunkumar Diwakar | U20EE001 | APRIL/MAY 2024 | 8.70 | |
| 3 | Patel Savan Girishkumar | U20EE002 | APRIL/MAY 2024 | 7.63 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 4 | **Chaudhari Lisa Vijay** | U20EE003 | APRIL/MAY 2024 | 7.51 | |
| 5 | **Kurukuti Haritha** | U20EE004 | APRIL/MAY 2024 | 8.01 | |
| 6 | Anurag Borisa | U20EE005 | APRIL/MAY 2024 | 7.58 | |
| 7 | Negi Himansh Meharvan | U20EE006 | APRIL/MAY 2024 | 6.98 | |
| 8 | Abhishek Jingar | U20EE007 | APRIL/MAY 2024 | 6.99 | |
| 9 | Jay G Bhutekar | U20EE008 | APRIL/MAY 2024 | 7.28 | |
| 10 | Solanki Prince Pravinbhai | U20EE009 | APRIL/MAY 2024 | 6.60 | |
| 11 | **Srishti Shakya** | U20EE010 | APRIL/MAY 2024 | 7.94 | |
| 12 | **Meghana Singh** | U20EE011 | APRIL/MAY 2024 | 6.78 | |
| 13 | **Dhruva Wankhade** | U20EE012 | APRIL/MAY 2024 | 7.27 | |
| 14 | Aman Mansuri | U20EE013 | APRIL/MAY 2024 | 7.84 | |
| 15 | **Patel Hanni Bipinbhai** | U20EE014 | APRIL/MAY 2024 | 7.02 | |
| 16 | Prem Kumar Choudhari | U20EE015 | APRIL/MAY 2024 | 6.63 | |
| 17 | **N Prachi Adithi Naik** | U20EE016 | APRIL/MAY 2024 | 7.23 | |
| 18 | Gali Amith Vardhan | U20EE017 | APRIL/MAY 2024 | 7.48 | |
| 19 | Arun Chaudhary | U20EE018 | APRIL/MAY 2024 | 8.34 | |
| 20 | Joy Maurya | U20EE019 | APRIL/MAY 2024 | 7.51 | |
| 21 | Gundla Prajwal | U20EE020 | APRIL/MAY 2024 | 7.17 | |
| 22 | Vadhiya Avadhkumar Rajubhai | U20EE021 | APRIL/MAY 2024 | 6.82 | |
| 23 | **Vavadiya Bhumi Vinaykumar** | U20EE022 | APRIL/MAY 2024 | 8.82 | **Minor in EC (CGPA:7.79)** |
| 24 | Sushant Singh | U20EE023 | APRIL/MAY 2024 | 7.53 | |
| 25 | **Nunna Pragna Sri Kali** | U20EE024 | APRIL/MAY 2024 | 8.30 | |
| 26 | **Teena Dhoke** | U20EE025 | APRIL/MAY 2024 | 7.82 | |
| 27 | Patel Vivekkumar Pravinkumar | U20EE026 | APRIL/MAY 2024 | 6.14 | |
| 28 | Pradumn Kumar Bind | U20EE027 | APRIL/MAY 2024 | 8.47 | |
| 29 | Janee Piyushbhai Pravinbhai | U20EE028 | APRIL/MAY 2024 | 8.13 | |
| 30 | Anil Kumar Meena | U20EE029 | APRIL/MAY 2024 | 8.06 | |
| 31 | Parmar Pratikkumar Rupsinh | U20EE030 | APRIL/MAY 2024 | 7.26 | |
| 32 | Hardik Jain | U20EE031 | APRIL/MAY 2024 | 7.42 | |
| 33 | Navjeet Hira | U20EE032 | APRIL/MAY 2024 | 7.94 | |
| 34 | Tirth Jain | U20EE033 | APRIL/MAY 2024 | 7.19 | |
| 35 | Harshit Agarwal | U20EE034 | APRIL/MAY 2024 | 7.38 | |
| 36 | Parmar Shivam Anilbhai | U20EE035 | APRIL/MAY 2024 | 7.35 | |
| 37 | Eeshan Bhargava | U20EE036 | APRIL/MAY 2024 | 7.49 | |
| 38 | Parmar Pragneshkumar Indrajitsinh | U20EE037 | APRIL/MAY 2024 | 7.26 | |
| 39 | Ausura Viren Pratapbhai | U20EE038 | APRIL/MAY 2024 | 7.54 | |
| 40 | Priyanshu Shivhare | U20EE039 | APRIL/MAY 2024 | 7.23 | |
| 41 | **Pasupuleti Vaishnavi** | U20EE040 | APRIL/MAY 2024 | 9.00 | |
| 42 | Gohil Harshrajsinh Aniruddhsinh | U20EE041 | APRIL/MAY 2024 | 8.10 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 43 | Anmol Rai | U20EE042 | APRIL/MAY 2024 | 7.75 | |
| 44 | Pradeep Jangir | U20EE043 | APRIL/MAY 2024 | 6.64 | |
| 45 | Polra Alin Vijaykumar | U20EE044 | APRIL/MAY 2024 | 8.28 | **Minor in EC (CGPA:7.46)** |
| 46 | Mer Mayur Hamirbhai | U20EE045 | APRIL/MAY 2024 | 7.29 | |
| 47 | Sathwara Ketul Mukeshkumar | U20EE046 | APRIL/MAY 2024 | 6.54 | |
| 48 | Rathod Chintanbhai Arvindbhai | U20EE047 | APRIL/MAY 2024 | 7.75 | |
| 49 | Rahul Umale | U20EE048 | APRIL/MAY 2024 | 8.29 | |
| 50 | Abhishek Bishnoi | U20EE050 | APRIL/MAY 2024 | 6.77 | |
| 51 | **Deepti Bose** | U20EE051 | APRIL/MAY 2024 | 8.41 | |
| 52 | **Khushi Tripathi** | U20EE052 | APRIL/MAY 2024 | 7.85 | |
| 53 | Kaushal Kumar Makwana | U20EE053 | APRIL/MAY 2024 | 7.62 | |
| 54 | **Patel Kunjan Kantilal** | U20EE054 | APRIL/MAY 2024 | 8.99 | **Minor in CSE (CGPA:7.76)** |
| 55 | Om Pankajkumar Patel | U20EE055 | APRIL/MAY 2024 | 8.21 | |
| 56 | Neela Vishnu Vardhan | U20EE056 | APRIL/MAY 2024 | 7.13 | |
| 57 | Vivek Katariya | U20EE057 | APRIL/MAY 2024 | 7.76 | |
| 58 | Nishant Kumar Singh | U20EE058 | APRIL/MAY 2024 | 8.92 | **Minor in CSE (CGPA:7.92)** |
| 59 | Singhi Dhruv Bittal | U20EE059 | APRIL/MAY 2024 | 9.24 | |
| 60 | Punit Kumar Mishra | U20EE060 | APRIL/MAY 2024 | 8.28 | |
| 61 | Shreyan Dadhich | U20EE061 | APRIL/MAY 2024 | 8.02 | |
| 62 | Kushal Gupta | U20EE062 | APRIL/MAY 2024 | 7.40 | |
| 63 | Nellore Hemanth | U20EE063 | APRIL/MAY 2024 | 7.60 | |
| 64 | Keshav Narayan Balot | U20EE064 | APRIL/MAY 2024 | 7.35 | |
| 65 | **Kriti Jain** | U20EE066 | APRIL/MAY 2024 | 7.78 | |
| 66 | Aditya Goyal | U20EE067 | APRIL/MAY 2024 | 7.11 | |
| 67 | Patel Smit Vasantkumar | U20EE068 | APRIL/MAY 2024 | 7.27 | |
| 68 | Harvindra | U20EE069 | APRIL/MAY 2024 | 7.73 | |
| 69 | **Pal Disha Debasish** | U20EE070 | APRIL/MAY 2024 | 7.95 | |
| 70 | Adarsh Kaushal | U20EE071 | APRIL/MAY 2024 | 8.96 | |
| 71 | Ayush Daga | U20EE072 | APRIL/MAY 2024 | 7.91 | |
| 72 | **Durba Chaudhuri** | U20EE073 | APRIL/MAY 2024 | 7.60 | |
| 73 | Vedant Arya | U20EE074 | APRIL/MAY 2024 | 7.84 | |
| 74 | Rahul R Rawat | U20EE075 | APRIL/MAY 2024 | 7.42 | |
| 75 | Patel Parthkumar Kamleshbhai | U20EE076 | APRIL/MAY 2024 | 7.27 | |
| 76 | Tushar Sharma | U20EE077 | APRIL/MAY 2024 | 7.40 | |
| 77 | **Mishra Tanvi Chandrashekhar** | U20EE078 | APRIL/MAY 2024 | 7.37 | |
| 78 | Gundrathi Sushank Goud | U20EE080 | APRIL/MAY 2024 | 7.65 | |
| 79 | Abhijeet Kumar | U20EE081 | APRIL/MAY 2024 | 8.17 | |
| 80 | Shubham Jain | U20EE082 | APRIL/MAY 2024 | 7.98 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 81 | **Chaudhari Yashvi Nileshbhai** | U20EE083 | APRIL/MAY 2024 | 7.01 | |
| 82 | Tanmay Saini | U20EE085 | APRIL/MAY 2024 | 8.17 | |
| 83 | Ansh Varshney | U20EE086 | APRIL/MAY 2024 | 7.59 | |
| 84 | Tarun Kumar Khare | U20EE087 | APRIL/MAY 2024 | 7.99 | |
| 85 | Sujit Kumar | U20EE088 | APRIL/MAY 2024 | 8.39 | |
| 86 | Prajapati Dhruvin Maheshkumar | U20EE089 | APRIL/MAY 2024 | 7.52 | |
| 87 | Tamboli Om Damodhar | U20EE090 | APRIL/MAY 2024 | 8.00 | |
| 88 | Jagwani Deep Hareshkumar | U20EE091 | APRIL/MAY 2024 | 8.14 | |
| 89 | Abhishek Pratap | U20EE092 | APRIL/MAY 2024 | 6.80 | |
| 90 | Ayush Aditya | U20EE093 | APRIL/MAY 2024 | 7.08 | |
| 91 | Sarthak Vaish | U20EE095 | APRIL/MAY 2024 | 8.54 | |
| 92 | Vendra Yaswanth Sai | U20EE096 | APRIL/MAY 2024 | 7.06 | |
| 93 | Shubham Singh | U20EE097 | APRIL/MAY 2024 | 8.13 | |
| 94 | Saurav Meena | U20EE098 | APRIL/MAY 2024 | 7.40 | |
| 95 | Kokate Darpan Dilip | U20EE099 | APRIL/MAY 2024 | 7.25 | |
| 96 | **Muskankumari** | U20EE100 | APRIL/MAY 2024 | 7.65 | |
| 97 | Karimi M Umar Kalimahmed | U20EE101 | APRIL/MAY 2024 | 8.37 | **Minor in EC (CGPA:7.29)** |
| 98 | Virendra Singh Chauhan | U20EE102 | APRIL/MAY 2024 | 8.74 | |
| 99 | Ravindra Bhansali | U20EE103 | APRIL/MAY 2024 | 7.26 | |
| 100 | **Prajapati Dhvaniben Maheshbhai** | U20EE104 | APRIL/MAY 2024 | 8.17 | |
| 101 | **Ritu Sharma** | U20EE105 | APRIL/MAY 2024 | 7.45 | |
| 102 | **Yettapu Manaswi** | U20EE106 | APRIL/MAY 2024 | 7.74 | |
| 103 | Raghav Nuwal | U20EE107 | APRIL/MAY 2024 | 8.73 | **Minor in EC (CGPA:7.21)** |
| 104 | Visavadia Dev Arvindbhai | U20EE108 | APRIL/MAY 2024 | 6.99 | |
| 105 | Vats Agarwal | U20EE109 | APRIL/MAY 2024 | 7.86 | |
| 106 | Satya Prakash Singh | U20EE110 | APRIL/MAY 2024 | 8.30 | |
| 107 | Karandeep Singh | U20EE111 | APRIL/MAY 2024 | 6.65 | |
| 108 | **Talsaniya Dhruvi Anil** | U20EE112 | APRIL/MAY 2024 | 7.24 | |
| 109 | **Shikha Kumari Bharti** | U20EE113 | APRIL/MAY 2024 | 7.43 | |
| 110 | Sudhanshu Vishwakarma | U19EE066 | APRIL/MAY 2024 | 7.28 | |
| **Bechelor of Technology in Electronics and Communication Engineering** | | | | | |
| 1 | Krishil Rakesh Gandhi | U20EC013 | APRIL/MAY 2024 | 9.23 | |
| 2 | Gupta Anandkumar Shree Siyaram | U20EC001 | APRIL/MAY 2024 | 8.26 | |
| 3 | **Noopur Janakkumar Modi** | U20EC002 | APRIL/MAY 2024 | 7.28 | |
| 4 | Gaurav Chaudhari | U20EC003 | APRIL/MAY 2024 | 7.75 | |
| 5 | **Barla Bhuvana Sree** | U20EC004 | APRIL/MAY 2024 | 8.37 | |
| 6 | Shreyansh Kumar | U20EC005 | APRIL/MAY 2024 | 8.13 | |
| 7 | **Dixit Purva Milind** | U20EC006 | APRIL/MAY 2024 | 8.76 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 8 | Drishey Singh | U20EC007 | APRIL/MAY 2024 | 8.17 | |
| 9 | Chaitanya Jayesh Rathod | U20EC008 | APRIL/MAY 2024 | 7.62 | |
| 10 | Ponna Dinesh | U20EC009 | APRIL/MAY 2024 | 7.88 | |
| 11 | **Vishvakarma Richa Manojkumar** | U20EC010 | APRIL/MAY 2024 | 7.31 | |
| 12 | Patel Deval Dashrathbhai | U20EC011 | APRIL/MAY 2024 | 8.50 | |
| 13 | Raparthi Karthikeya | U20EC012 | APRIL/MAY 2024 | 8.51 | |
| 14 | Dhruvil Shah | U20EC014 | APRIL/MAY 2024 | 8.13 | |
| 15 | Parmar Shubham Vrajlal | U20EC015 | APRIL/MAY 2024 | 8.25 | |
| 16 | Shantanu Banerjee | U20EC016 | APRIL/MAY 2024 | 8.98 | |
| 17 | Dongre Himang Sandeep | U20EC017 | APRIL/MAY 2024 | 7.76 | |
| 18 | Potlapinjara Subhash Chandra Bose | U20EC018 | APRIL/MAY 2024 | 8.17 | |
| 19 | Jani Harshil Akshaybhai | U20EC019 | APRIL/MAY 2024 | 8.32 | **Minor in CSE (CGPA:7.72)** |
| 20 | Purnjay Parmar | U20EC020 | APRIL/MAY 2024 | 7.77 | |
| 21 | **Arushi Sahu** | U20EC021 | APRIL/MAY 2024 | 7.27 | |
| 22 | Borade Pankaj Keshav | U20EC024 | APRIL/MAY 2024 | 7.66 | |
| 23 | Parikh Priyansh Gautambhai | U20EC025 | APRIL/MAY 2024 | 6.71 | |
| 24 | **Tanishka Kailas Sonavane** | U20EC026 | APRIL/MAY 2024 | 7.64 | **Minor in CSE (CGPA:7.52)** |
| 25 | **Zeal Samir Shah** | U20EC028 | APRIL/MAY 2024 | 8.56 | |
| 26 | Meniya Ajitbhai Parshotambhai | U20EC029 | APRIL/MAY 2024 | 7.50 | |
| 27 | Bramhane Aditya Naresh | U20EC030 | APRIL/MAY 2024 | 6.82 | |
| 28 | Thorrivemula Chaithanya Pavan | U20EC031 | APRIL/MAY 2024 | 8.03 | |
| 29 | Parmar Dev Dipakbhai | U20EC032 | APRIL/MAY 2024 | 7.66 | |
| 30 | Mudaliar Shivam Mathivanan | U20EC033 | APRIL/MAY 2024 | 8.91 | |
| 31 | Hiragar Shivamkumar Meghrajbhai | U20EC034 | APRIL/MAY 2024 | 7.79 | |
| 32 | Patel Muhammed Inamulhaq | U20EC035 | APRIL/MAY 2024 | 8.33 | |
| 33 | Jatothu Naveen | U20EC036 | APRIL/MAY 2024 | 7.42 | |
| 34 | **Sonali S Biswal** | U20EC037 | APRIL/MAY 2024 | 7.98 | |
| 35 | Gadhavi Vanrajsinh Rajvidan | U20EC038 | APRIL/MAY 2024 | 6.65 | |
| 36 | **Burja Sushma** | U20EC039 | APRIL/MAY 2024 | 7.25 | |
| 37 | Mattapally Dharan Kumar | U20EC041 | APRIL/MAY 2024 | 6.76 | |
| 38 | **Yenuga Sri Manasa** | U20EC042 | APRIL/MAY 2024 | 7.30 | |
| 39 | Korra Ganesh | U20EC043 | APRIL/MAY 2024 | 6.43 | |
| 40 | Bhura Muhammed Ashraf Saidahemed | U20EC045 | APRIL/MAY 2024 | 7.92 | |
| 41 | Bhanoth Uday Kiran | U20EC046 | APRIL/MAY 2024 | 7.10 | |
| 42 | Tallapelly Srishanth | U20EC047 | APRIL/MAY 2024 | 7.67 | |
| 43 | Sheth Kaushal Bhaskarkumar | U20EC048 | APRIL/MAY 2024 | 6.77 | |
| 44 | **Nimisha Dixit** | U20EC049 | APRIL/MAY 2024 | 7.94 | |
| 45 | Gavli Narendrabhai Sureshbhai | U20EC050 | APRIL/MAY 2024 | 6.92 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 46 | Chaudhary Devarsh Nareshkumar | U20EC051 | APRIL/MAY 2024 | 7.17 | |
| 47 | **Malika Karamkar** | U20EC052 | APRIL/MAY 2024 | 7.49 | |
| 48 | Gavadiya Raj Kamleshkumar | U20EC053 | APRIL/MAY 2024 | 8.60 | |
| 49 | Jagdale Aakash Pravin | U20EC054 | APRIL/MAY 2024 | 7.22 | |
| 50 | Manish Kumar Lalwani | U20EC055 | APRIL/MAY 2024 | 8.36 | |
| 51 | **Malladi Sai Prerana** | U20EC056 | APRIL/MAY 2024 | 8.57 | |
| 52 | Heruwala Megh Arjunkumar | U20EC057 | APRIL/MAY 2024 | 7.32 | |
| 53 | Chandu Gonnabathula | U20EC058 | APRIL/MAY 2024 | 7.94 | |
| 54 | Ratnadeep Patra | U20EC060 | APRIL/MAY 2024 | 8.93 | |
| 55 | **Kamidi Vinitha** | U20EC062 | APRIL/MAY 2024 | 7.75 | |
| 56 | Jay Prakash Kumar | U20EC063 | APRIL/MAY 2024 | 6.97 | |
| 57 | Rana Aniket Nareshkumar | U20EC065 | APRIL/MAY 2024 | 7.33 | |
| 58 | **Lakkireddy Lohitha** | U20EC067 | APRIL/MAY 2024 | 8.29 | |
| 59 | **Yanala Likitha** | U20EC068 | APRIL/MAY 2024 | 8.56 | |
| 60 | Parmar Harshkumar Maheshkumar | U20EC069 | APRIL/MAY 2024 | 7.18 | |
| 61 | Edubilli Swaroop | U20EC070 | APRIL/MAY 2024 | 7.13 | |
| 62 | **Manisha Bharthi Bhardwaj** | U20EC071 | APRIL/MAY 2024 | 8.66 | |
| 63 | Patel Karmkumar Dineshkumar | U20EC072 | APRIL/MAY 2024 | 8.23 | |
| 64 | Lalwani Prashant Kamleshkumar | U20EC073 | APRIL/MAY 2024 | 7.51 | |
| 65 | Mohammad Ayan Khan | U20EC074 | APRIL/MAY 2024 | 6.29 | |
| 66 | Kappala Yashwant Trimurtulu | U20EC075 | APRIL/MAY 2024 | 6.70 | |
| 67 | Gorremutchu Niranjan | U20EC076 | APRIL/MAY 2024 | 6.73 | |
| 68 | Gohil Dipak Bhupatbhai | U20EC077 | APRIL/MAY 2024 | 7.88 | |
| 69 | Pranav Abhay Gangapurkar | U20EC078 | APRIL/MAY 2024 | 7.49 | |
| 70 | Himanshu Paliwal | U20EC079 | APRIL/MAY 2024 | 7.23 | |
| 71 | Vala Jay Rajeshbhai | U20EC080 | APRIL/MAY 2024 | 7.76 | |
| 72 | Rathod Nitin Bholabhai | U20EC081 | APRIL/MAY 2024 | 7.27 | |
| 73 | **Muppaneni Sushma Chowdary** | U20EC082 | APRIL/MAY 2024 | 7.39 | |
| 74 | Sarvaiya Mehul Mansukhbhai | U20EC083 | APRIL/MAY 2024 | 6.93 | |
| 75 | Sanyam Jain | U20EC084 | APRIL/MAY 2024 | 7.96 | |
| 76 | **Jagtap Sakshi Kiran** | U20EC085 | APRIL/MAY 2024 | 7.55 | |
| 77 | Vora Preyansh Rakeshbhai | U20EC086 | APRIL/MAY 2024 | 7.93 | |
| 78 | Kuntla Krishna Kowshik | U20EC087 | APRIL/MAY 2024 | 6.45 | |
| 79 | Lalwani Heril Devdas | U20EC088 | APRIL/MAY 2024 | 8.38 | |
| 80 | Kachchhi Sidhant Kalubhai | U20EC089 | APRIL/MAY 2024 | 8.62 | |
| 81 | Jadav Rahulbhai Dilipbhai | U20EC090 | APRIL/MAY 2024 | 8.01 | |
| 82 | Athani Abdul Rehman Usman | U20EC091 | APRIL/MAY 2024 | 7.92 | |
| 83 | Ghanistha Singhal | U20EC092 | APRIL/MAY 2024 | 7.79 | |
| 84 | Prakash | U20EC094 | APRIL/MAY 2024 | 7.22 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 85 | **Parmar Krusha Pareshkumar** | U20EC095 | APRIL/MAY 2024 | 7.80 | |
| 86 | Savaliya Bhavay | U20EC096 | APRIL/MAY 2024 | 7.35 | |
| 87 | Patel Dhruvkumar Pravinbhai | U20EC097 | APRIL/MAY 2024 | 6.91 | |
| 88 | Ajay Suman | U20EC098 | APRIL/MAY 2024 | 6.64 | |
| 89 | Yash Gupta | U20EC099 | APRIL/MAY 2024 | 8.72 | |
| 90 | **Rana Devanshee Prashantkumar** | U20EC100 | APRIL/MAY 2024 | 7.99 | |
| 91 | Desai Aarjav Nirajkumar | U20EC101 | APRIL/MAY 2024 | 7.92 | |
| 92 | Vasikarla Nikhil Kumar | U20EC102 | APRIL/MAY 2024 | 8.98 | |
| 93 | Sumit Jaiswal | U20EC103 | APRIL/MAY 2024 | 6.90 | |
| 94 | **C Sathwika** | U20EC104 | APRIL/MAY 2024 | 8.39 | |
| 95 | Aishwary Mehta | U20EC105 | APRIL/MAY 2024 | 8.72 | |
| 96 | Harshit Bhardwaj | U20EC107 | APRIL/MAY 2024 | 7.90 | |
| 97 | Gelli Sai Ajay | U20EC108 | APRIL/MAY 2024 | 7.99 | |
| 98 | Pola Ramesh Chandra | U20EC109 | APRIL/MAY 2024 | 7.81 | |
| 99 | Patel Sarth Shaileshbhai | U20EC110 | APRIL/MAY 2024 | 8.00 | **Minor in CSE (CGPA:6.92)** |
| 100 | Ghanta Naren Sri Sai | U20EC111 | APRIL/MAY 2024 | 8.36 | |
| 101 | **Suhani Pramodkumar Parmar** | U20EC112 | APRIL/MAY 2024 | 7.01 | |
| 102 | Aditya Narayan | U20EC113 | APRIL/MAY 2024 | 7.25 | |
| 103 | M Kavin Svantren | U20EC114 | APRIL/MAY 2024 | 7.52 | |
| 104 | **Shewale Manasi Prakash** | U20EC115 | APRIL/MAY 2024 | 7.37 | |
| 105 | Anirudh P K | U20EC116 | APRIL/MAY 2024 | 8.42 | |
| 106 | Kale Aditya Ramesh | U20EC117 | APRIL/MAY 2024 | 8.88 | |
| 107 | Kvetam Abhinav | U20EC118 | APRIL/MAY 2024 | 6.96 | |
| 108 | Shubham Daga | U20EC119 | APRIL/MAY 2024 | 8.46 | |
| 109 | Tondamalla Bharadwaj | U20EC121 | APRIL/MAY 2024 | 8.48 | |
| 110 | Kambham Durga Sainath Reddy | U20EC122 | APRIL/MAY 2024 | 8.22 | |
| 111 | Karni Tarun | U20EC123 | APRIL/MAY 2024 | 7.67 | |
| 112 | **Aditi Pandey** | U20EC124 | APRIL/MAY 2024 | 8.47 | |
| 113 | Vukkem Shanmukha Rushiveer | U20EC125 | APRIL/MAY 2024 | 7.67 | |
| 114 | Rishikesh Kumar | U20EC126 | APRIL/MAY 2024 | 6.57 | |
| 115 | Suryansh Singh | U20EC128 | APRIL/MAY 2024 | 6.77 | |
| 116 | Patil Rushikesh Shashikant | U20EC129 | APRIL/MAY 2024 | 9.07 | |
| 117 | Gaurav | U20EC130 | APRIL/MAY 2024 | 8.46 | |
| 118 | Sankalp Pradhan | U20EC131 | APRIL/MAY 2024 | 7.25 | |
| 119 | Chauhan Prathamrajsinh Rajsinh | U20EC132 | APRIL/MAY 2024 | 7.51 | |
| 120 | Singh Saurav Mahavirsharansingh | U20EC133 | APRIL/MAY 2024 | 8.93 | **Minor in CSE (CGPA:7.52)** |
| 121 | **Vanam Ruchitha** | U20EC134 | APRIL/MAY 2024 | 8.18 | |
| 122 | Kunal Aggarwal | U20EC135 | APRIL/MAY 2024 | 8.02 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 123 | Nagaphani Sarma Inupakuthika | U20EC136 | APRIL/MAY 2024 | 9.03 | |
| 124 | Sagar Prajapati | U20EC137 | APRIL/MAY 2024 | 7.67 | |
| 125 | **Modh Srushti Sanjaykumar** | U20EC138 | APRIL/MAY 2024 | 7.13 | |
| 126 | Pushp Ranjan | U20EC140 | APRIL/MAY 2024 | 6.68 | |
| 127 | Medisetty Avinash | U20EC141 | APRIL/MAY 2024 | 8.28 | |
| 128 | Seemakurthi Lakshmi Satyanarayana | U20EC142 | APRIL/MAY 2024 | 7.79 | |
| 129 | Joshi Kuldeep Chandrashekhar | U20EC143 | APRIL/MAY 2024 | 7.54 | |
| 130 | Kadimi Sri Surya Sashank | U20EC145 | APRIL/MAY 2024 | 7.06 | |
| 131 | **Hirapara Niyati Jayeshbhai** | U20EC146 | APRIL/MAY 2024 | 6.85 | |
| 132 | Ashish Kumar Karn | U20EC147 | APRIL/MAY 2024 | 7.49 | |
| 133 | Bapna Pratham Naresh | U20EC148 | APRIL/MAY 2024 | 8.72 | |
| 134 | Aditya Joshi | U20EC149 | APRIL/MAY 2024 | 8.45 | |
| 135 | Padiye Tushar Dilip | U20EC150 | APRIL/MAY 2024 | 8.55 | |
| 136 | **Soni Preksha Dharmendrakumar** | U20EC151 | APRIL/MAY 2024 | 8.57 | |
| 137 | Kinshu Dhruva | U20EC152 | APRIL/MAY 2024 | 7.49 | |
| 138 | Sankalp Joshi | U20EC153 | APRIL/MAY 2024 | 7.18 | |
| 139 | Jeedi Sai Prakash | U20EC154 | APRIL/MAY 2024 | 6.27 | |
| 140 | Godhani Jenish Ashvinkumar | U20EC155 | APRIL/MAY 2024 | 6.57 | |
| 141 | Patel Vipravkumar Bachubhai | U20EC158 | APRIL/MAY 2024 | 6.64 | |
| 142 | Shah Yash Animesh | U20EC159 | APRIL/MAY 2024 | 8.77 | |
| 143 | Parmar Dhrumil Dipakbhai | U20EC160 | APRIL/MAY 2024 | 7.14 | |
| 144 | Ritik Kalar | U20EC161 | APRIL/MAY 2024 | 7.55 | |
| 145 | Sourabh Jain | U20EC162 | APRIL/MAY 2024 | 8.12 | |
| 146 | Motwani Aniket Parmanand | U20EC163 | APRIL/MAY 2024 | 7.69 | |
| 147 | Aadith Vijay | U20EC164 | APRIL/MAY 2024 | 6.77 | |
| 148 | Kaustubh Trivedi | U20EC165 | APRIL/MAY 2024 | 8.20 | |
| 149 | Parmar Vinar Chandubhai | U20EC166 | APRIL/MAY 2024 | 7.15 | |
| 150 | **Talari Smitha** | U20EC167 | APRIL/MAY 2024 | 7.84 | |
| 151 | Gugulothu Gopal | U20EC168 | APRIL/MAY 2024 | 7.44 | |
| 152 | **Jain Swara Ravindra** | U20EC169 | APRIL/MAY 2024 | 8.54 | |
| 153 | Kanchi Karthik | U20EC171 | APRIL/MAY 2024 | 7.38 | |
| 154 | Jamula Durga Prasad | U20EC172 | APRIL/MAY 2024 | 8.29 | |
| 155 | Karathiya Rajesh Karshanbhai | U20EC173 | APRIL/MAY 2024 | 7.29 | |
| 156 | Bandaru Poornachandra | U20EC174 | APRIL/MAY 2024 | 7.66 | |
| 157 | Mohit Manoj Sapkal | U20EC175 | APRIL/MAY 2024 | 8.99 | |
| 158 | Qodratullah Sarwari | U20EC177 | APRIL/MAY 2024 | 6.09 | |
| 159 | **Sneha Shajan** | U20EC178 | APRIL/MAY 2024 | 7.80 | |
| 160 | Gaurav Kumar Mukesh Gupta | U20EC179 | APRIL/MAY 2024 | 8.36 | |
| 161 | Jadhav Vaibhav Shrikrishna | U19EC041 | APRIL/MAY 2024 | 6.29 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 162 | Prajapati Rahul Sanjaybhai | U19EC096 | APRIL/MAY 2024 | 7.20 | |
| 163 | Bhukke Krishna Vamsi Naik | U19EC121 | NOV/DEC 2023 | 6.84 | |
| **Bechelor of Technology in Mechanical Engineering** | | | | | |
| 1 | Ratnaparkhi Ameya Amit | U20ME148 | APRIL/MAY 2024 | 9.55 | |
| 2 | Sharma Rohitkumar Mukeshkumar | U20ME001 | APRIL/MAY 2024 | 8.30 | |
| 3 | Bharude Gaurav Sunil | U20ME002 | APRIL/MAY 2024 | 8.14 | |
| 4 | **Vishwa Pravin Menpara** | U20ME003 | APRIL/MAY 2024 | 9.13 | |
| 5 | **Akolkar Aarohi Pravin** | U20ME004 | APRIL/MAY 2024 | 9.34 | |
| 6 | **Deepali** | U20ME005 | APRIL/MAY 2024 | 8.78 | |
| 7 | Harsh Kumar | U20ME006 | APRIL/MAY 2024 | 8.70 | |
| 8 | Modi Meet Rajeshkumar | U20ME007 | APRIL/MAY 2024 | 8.24 | |
| 9 | Arnav Pragnesh Vaghela | U20ME010 | APRIL/MAY 2024 | 8.36 | |
| 10 | Vaddepalli Akhil | U20ME011 | APRIL/MAY 2024 | 7.30 | |
| 11 | Harsh Nilesh Patel | U20ME012 | APRIL/MAY 2024 | 8.59 | |
| 12 | Karan Singh Parmar | U20ME013 | APRIL/MAY 2024 | 7.11 | |
| 13 | Pazare Swapnil Prakash | U20ME014 | APRIL/MAY 2024 | 8.12 | |
| 14 | Vipin Sharma | U20ME015 | APRIL/MAY 2024 | 8.27 | |
| 15 | Gohil Hardiksinh Narendrasinh | U20ME016 | APRIL/MAY 2024 | 8.39 | |
| 16 | Chauhan Vivekkumar Anilbhai | U20ME017 | APRIL/MAY 2024 | 7.73 | |
| 17 | Desai Rushi Rajivbhai | U20ME018 | APRIL/MAY 2024 | 8.26 | |
| 18 | **Anjali Verma** | U20ME019 | APRIL/MAY 2024 | 8.79 | |
| 19 | Miit Chetan Pabari | U20ME020 | APRIL/MAY 2024 | 8.73 | |
| 20 | Bhalani Samyak Shailesh | U20ME021 | APRIL/MAY 2024 | 9.13 | |
| 21 | Rathod Viswash Kamleshbhai | U20ME022 | APRIL/MAY 2024 | 8.44 | |
| 22 | Deepan Viral Bhatt | U20ME024 | APRIL/MAY 2024 | 8.97 | **Minor in CE (CGPA:7.83)** |
| 23 | Jasani Priyans Rameshbhai | U20ME026 | APRIL/MAY 2024 | 7.72 | |
| 24 | Kanojiya Dev Dashrathram | U20ME027 | APRIL/MAY 2024 | 7.18 | |
| 25 | **Suhani S S** | U20ME028 | APRIL/MAY 2024 | 7.92 | |
| 26 | Shah Nimit Piyush | U20ME029 | APRIL/MAY 2024 | 8.95 | |
| 27 | Rathva Kuldeepkumar Arvindbhai | U20ME030 | APRIL/MAY 2024 | 8.04 | |
| 28 | Ayush Sanjaykumar Patel | U20ME031 | APRIL/MAY 2024 | 8.62 | |
| 29 | Ayushmaan Sahu | U20ME032 | APRIL/MAY 2024 | 9.20 | |
| 30 | Mitesh Mishra | U20ME033 | APRIL/MAY 2024 | 9.39 | |
| 31 | Dhruvraj Nirav Chudasma | U20ME034 | APRIL/MAY 2024 | 8.90 | |
| 32 | Gupta Kunal Dilip | U20ME036 | APRIL/MAY 2024 | 7.61 | |
| 33 | Suthar Darshan Valabhai | U20ME037 | APRIL/MAY 2024 | 8.29 | |
| 34 | Shine Priyan | U20ME039 | APRIL/MAY 2024 | 9.07 | |
| 35 | Aeronkumar Dineshbhai Vasava | U20ME040 | APRIL/MAY 2024 | 8.44 | |
| 36 | Patel Parthiv Chiragkumar | U20ME041 | APRIL/MAY 2024 | 8.98 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 37 | Nayan Rajendra Lakade | U20ME042 | APRIL/MAY 2024 | 8.55 | |
| 38 | Bhavya Shobhit | U20ME043 | APRIL/MAY 2024 | 7.76 | |
| 39 | **Vidushi Singhvi** | U20ME044 | APRIL/MAY 2024 | 8.28 | |
| 40 | Pindolia Khyat Narendra | U20ME045 | APRIL/MAY 2024 | 9.15 | |
| 41 | Thummar Saurabhkumar Rajeshbhai | U20ME046 | APRIL/MAY 2024 | 8.03 | |
| 42 | Sahu Alokkumar Udayanath | U20ME047 | APRIL/MAY 2024 | 8.01 | |
| 43 | Bilwal Nisarg Raychand | U20ME049 | APRIL/MAY 2024 | 7.64 | |
| 44 | **Dhriti Bhatt** | U20ME050 | APRIL/MAY 2024 | 8.62 | |
| 45 | Harsh Gautam Nagrale | U20ME051 | APRIL/MAY 2024 | 9.03 | |
| 46 | Durgesh Prajapat | U20ME052 | APRIL/MAY 2024 | 8.50 | |
| 47 | Rahul Kapure | U20ME053 | APRIL/MAY 2024 | 7.02 | |
| 48 | Gor Deepkumar Nileshkumar | U20ME054 | APRIL/MAY 2024 | 8.67 | |
| 49 | Damor Swastik Sureshkumar | U20ME056 | APRIL/MAY 2024 | 6.55 | |
| 50 | **Kalakola Rithuancy** | U20ME057 | APRIL/MAY 2024 | 7.30 | |
| 51 | Baviskar Lav Nanabhai | U20ME058 | APRIL/MAY 2024 | 6.88 | |
| 52 | Madakiya Zafar Gulammahmad | U20ME059 | APRIL/MAY 2024 | 7.43 | |
| 53 | Bontala Tanay Rao | U20ME061 | APRIL/MAY 2024 | 8.41 | |
| 54 | Vikram Kumar | U20ME063 | APRIL/MAY 2024 | 7.82 | |
| 55 | Desai Darshit Pankaj | U20ME064 | APRIL/MAY 2024 | 8.87 | |
| 56 | Sanjay P | U20ME065 | APRIL/MAY 2024 | 8.68 | |
| 57 | Harsh Yogeshkumar Mistry | U20ME066 | APRIL/MAY 2024 | 8.15 | |
| 58 | **Ijjada Jahnavi** | U20ME068 | APRIL/MAY 2024 | 8.08 | |
| 59 | **Swati Anand** | U20ME069 | APRIL/MAY 2024 | 7.35 | |
| 60 | Priyanshu Verma | U20ME070 | APRIL/MAY 2024 | 7.73 | |
| 61 | Chaudhari Hirkumar Sumanbhai | U20ME071 | APRIL/MAY 2024 | 7.35 | |
| 62 | Thalluri Teja | U20ME072 | APRIL/MAY 2024 | 7.30 | |
| 63 | Patel Prit Manojkumar | U20ME073 | APRIL/MAY 2024 | 7.73 | |
| 64 | Pithava Harikrushnabhai Arvindbhai | U20ME074 | APRIL/MAY 2024 | 8.75 | |
| 65 | Baldania Ridhamkumar Govindbhai | U20ME075 | APRIL/MAY 2024 | 7.62 | |
| 66 | Prajapati Henilkumar Dharmeshbhai | U20ME076 | APRIL/MAY 2024 | 8.65 | |
| 67 | Patel Shrut Rakeshbhai | U20ME078 | APRIL/MAY 2024 | 8.62 | |
| 68 | Rohit Vishalkumar Mukeshbhai | U20ME079 | APRIL/MAY 2024 | 7.86 | |
| 69 | Parmar Riteshkumar Rajeshbhai | U20ME080 | APRIL/MAY 2024 | 7.85 | |
| 70 | Mohadarkar Kartik Shrikant | U20ME081 | APRIL/MAY 2024 | 7.90 | |
| 71 | **Angara Sindhu Sri** | U20ME082 | APRIL/MAY 2024 | 8.51 | |
| 72 | **Kamble Esha Sanjay** | U20ME083 | APRIL/MAY 2024 | 7.95 | |
| 73 | Parmar Mihir Harishkumar | U20ME084 | APRIL/MAY 2024 | 8.60 | |
| 74 | Katariya Nikunj Babubhai | U20ME085 | APRIL/MAY 2024 | 8.99 | |
| 75 | Vaghela Parthivsinh Surendrasinh | U20ME086 | APRIL/MAY 2024 | 8.29 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 76 | Ramavath Balsingh | U20ME087 | APRIL/MAY 2024 | 6.80 | |
| 77 | Atul Kumar Gautam | U20ME088 | APRIL/MAY 2024 | 8.50 | |
| 78 | Nishit Girishbhai Prajapati | U20ME089 | APRIL/MAY 2024 | 8.03 | |
| 79 | **Aakanksha Sunilkumar Patil** | U20ME092 | APRIL/MAY 2024 | 8.35 | |
| 80 | Ananya Shah | U20ME093 | APRIL/MAY 2024 | 9.25 | |
| 81 | **Janvi Gohil** | U20ME094 | APRIL/MAY 2024 | 8.06 | |
| 82 | Parmar Jignesh Natvarlal | U20ME095 | APRIL/MAY 2024 | 7.56 | |
| 83 | Vyas Devanshu Dharmendra | U20ME096 | APRIL/MAY 2024 | 8.39 | |
| 84 | Shah Kunj Sandipkumar | U20ME097 | APRIL/MAY 2024 | 8.87 | **Minor in EC (CGPA:6.83)** |
| 85 | Zala Shrujal Rajesh | U20ME099 | APRIL/MAY 2024 | 8.97 | |
| 86 | Shah Khush | U20ME100 | APRIL/MAY 2024 | 9.07 | |
| 87 | Chaudhari Vishwam Rajitbhai | U20ME101 | APRIL/MAY 2024 | 7.94 | |
| 88 | Jayvirsinh Mahavirsinh Jadeja | U20ME102 | APRIL/MAY 2024 | 7.41 | |
| 89 | Vaniya Dharmesh Parsotambhai | U20ME103 | APRIL/MAY 2024 | 8.42 | |
| 90 | **Panchal Charmi Sunilkumar** | U20ME105 | APRIL/MAY 2024 | 8.46 | |
| 91 | **Patel Sonukumari Kamleshbhai** | U20ME106 | APRIL/MAY 2024 | 8.93 | |
| 92 | Prajapati Vatsalkumar Anilbhai | U20ME107 | APRIL/MAY 2024 | 8.41 | |
| 93 | Aryan Kumar Jha | U20ME108 | APRIL/MAY 2024 | 7.75 | |
| 94 | Anish Shah | U20ME109 | APRIL/MAY 2024 | 8.67 | |
| 95 | Mohit Kirtan Jani | U20ME110 | APRIL/MAY 2024 | 8.10 | |
| 96 | Pawanekar Atharva Prashantrao | U20ME113 | APRIL/MAY 2024 | 8.64 | |
| 97 | **Patel Parthvi Kumari Maheshbhai** | U20ME114 | APRIL/MAY 2024 | 8.00 | |
| 98 | Mhatre Yash Chandrasena | U20ME115 | APRIL/MAY 2024 | 8.01 | |
| 99 | Sameer Ranjan | U20ME116 | APRIL/MAY 2024 | 8.09 | |
| 100 | **Ragni Bhargav Trivedi** | U20ME117 | APRIL/MAY 2024 | 8.76 | |
| 101 | Chauhan Om Hiteshbhai | U20ME118 | APRIL/MAY 2024 | 7.93 | |
| 102 | **Moli Shah** | U20ME119 | APRIL/MAY 2024 | 8.8 | |
| 103 | Atharv Agarwal | U20ME120 | APRIL/MAY 2024 | 7.88 | |
| 104 | **Ghadiali Zahabiyah Shabbir** | U20ME121 | APRIL/MAY 2024 | 8.65 | |
| 105 | **Dhriti Sharma** | U20ME122 | APRIL/MAY 2024 | 9.22 | |
| 106 | Kapadia Yatharth Nikunjbhai | U20ME123 | APRIL/MAY 2024 | 9.37 | |
| 107 | **Priyal Jain** | U20ME124 | APRIL/MAY 2024 | 8.07 | |
| 108 | Shah Dwij | U20ME125 | APRIL/MAY 2024 | 7.35 | |
| 109 | Ishan Bhati | U20ME126 | APRIL/MAY 2024 | 7.97 | |
| 110 | **Jyotsna Bajpai** | U20ME127 | APRIL/MAY 2024 | 8.23 | |
| 111 | Yedlapalli Dheeraj | U20ME128 | APRIL/MAY 2024 | 9.03 | **Minor in EC (CGPA:7.13)** |
| 112 | Tambe Nishad Anil | U20ME129 | APRIL/MAY 2024 | 8.20 | |
| 113 | **Sejal Choudhary** | U20ME130 | APRIL/MAY 2024 | 9.01 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 114 | Ghodkar Pritesh Dilip | U20ME131 | APRIL/MAY 2024 | 8.19 | |
| 115 | **Jha Shalini Surendra** | U20ME133 | APRIL/MAY 2024 | 8.60 | |
| 116 | Harsh Keshri | U20ME134 | APRIL/MAY 2024 | 8.07 | |
| 117 | Nigam Deepak | U20ME135 | APRIL/MAY 2024 | 7.57 | |
| 118 | Shubham Piyush Gujarathi | U20ME136 | APRIL/MAY 2024 | 8.30 | |
| 119 | Aayush Bairagi | U20ME137 | APRIL/MAY 2024 | 8.18 | |
| 120 | Anupam Kumar | U20ME138 | APRIL/MAY 2024 | 8.37 | |
| 121 | Parmar Pratham Yogeshbhai | U20ME139 | APRIL/MAY 2024 | 8.29 | |
| 122 | V Sai Eshwar | U20ME140 | APRIL/MAY 2024 | 7.18 | |
| 123 | Y Lakshmi Venkata Sandeep Reddy | U20ME141 | APRIL/MAY 2024 | 8.48 | |
| 124 | Sidhu Gurshruti Singh Jasbeer Singh | U20ME142 | APRIL/MAY 2024 | 8.51 | |
| 125 | Duppada Anilkumar | U20ME143 | APRIL/MAY 2024 | 8.35 | |
| 126 | Aniket Umeshchandra Verma | U20ME144 | APRIL/MAY 2024 | 9.13 | |
| 127 | **Mittal Oshin Sanjiv** | U20ME145 | APRIL/MAY 2024 | 8.23 | |
| 128 | Gadhiya Ishan Jayeshbhai | U20ME146 | APRIL/MAY 2024 | 8.12 | |
| 129 | **Dabhi Prakrutiben Gautamkumar** | U20ME147 | APRIL/MAY 2024 | 6.87 | |
| 130 | Harsh Balkrishna Phadnis | U20ME149 | APRIL/MAY 2024 | 8.14 | |
| 131 | **Patel Hardi Ashwinkumar** | U20ME151 | APRIL/MAY 2024 | 8.67 | |
| 132 | Bharmal Husain Aziz | U20ME152 | APRIL/MAY 2024 | 7.02 | |
| 133 | Avidi Hemanth Kumar | U20ME153 | APRIL/MAY 2024 | 8.19 | |
| 134 | Prateek Barola | U20ME154 | APRIL/MAY 2024 | 9.27 | |
| 135 | Gohil Dhiraj | U20ME155 | APRIL/MAY 2024 | 7.78 | |
| 136 | **Kulkarni Nupur Subodh** | U20ME156 | APRIL/MAY 2024 | 8.83 | |
| 137 | **Kota Jahnavi** | U20ME158 | APRIL/MAY 2024 | 8.20 | |
| 138 | Pratham Sharma | U20ME159 | APRIL/MAY 2024 | 9.03 | |
| 139 | Shwet Raj | U20ME161 | APRIL/MAY 2024 | 8.17 | |
| 140 | Patel Siddharth Vikaskumar | U20ME162 | APRIL/MAY 2024 | 8.77 | |
| 141 | Devkinandan Goyal | U20ME164 | APRIL/MAY 2024 | 8.85 | |
| 142 | Sanapureddy Pavan Kumar Reddy | U20ME165 | APRIL/MAY 2024 | 8.21 | |
| 143 | Jani Samay Rasikbhai | U20ME166 | APRIL/MAY 2024 | 8.31 | **Minor in EC (CGPA:6.67)** |
| 144 | Agrawal Aaush Gajanand | U20ME167 | APRIL/MAY 2024 | 8.39 | |
| 145 | Devendra Tejiyal | U20ME168 | APRIL/MAY 2024 | 7.62 | |
| 146 | Rakesh Gehlot | U20ME169 | APRIL/MAY 2024 | 8.70 | |
| 147 | Shirsat Nirmal Sachin | U20ME170 | APRIL/MAY 2024 | 8.91 | |
| 148 | Anaparthi Yoh Karthik | U20ME171 | APRIL/MAY 2024 | 6.35 | |
| 149 | Sandeep Kumar Sonkar | U20ME172 | APRIL/MAY 2024 | 7.50 | |
| 150 | **Patel Riya Bhaveshbhai** | U20ME173 | APRIL/MAY 2024 | 8.14 | |
| 151 | **Tanya Srivastava** | U20ME174 | APRIL/MAY 2024 | 9.10 | |
| 152 | Vardan Mittal | U20ME176 | APRIL/MAY 2024 | 8.81 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 153 | Jiyani Jenis Bakulbhai | U20ME177 | APRIL/MAY 2024 | 8.43 | |
| 154 | **Rao Pooja Dhavalbhai** | U20ME178 | APRIL/MAY 2024 | 7.41 | |
| 155 | Ashutosh Ashish Banerjee | U20ME179 | APRIL/MAY 2024 | 9.19 | |
| 156 | **Patel Poojaben Bharatbhai** | U20ME181 | APRIL/MAY 2024 | 8.45 | |
| 157 | **Nancy Sharma** | U20ME182 | APRIL/MAY 2024 | 8.30 | |
| 158 | **Anushka Gupta** | U20ME183 | APRIL/MAY 2024 | 8.83 | |
| 159 | **Kondreddy Pallavi Devi** | U20ME184 | APRIL/MAY 2024 | 7.77 | |
| 160 | Shreyansh Goyal | U20ME185 | APRIL/MAY 2024 | 6.83 | |
| 161 | **Wanjare Deeya Sanjay** | U20ME187 | APRIL/MAY 2024 | 8.60 | |
| 162 | Kachana Phanindra Reddy | U20ME189 | APRIL/MAY 2024 | 8.79 | |
| 163 | Kumar Shubham | U20ME190 | APRIL/MAY 2024 | 7.15 | |
| 164 | Ankit Patel | U20ME191 | APRIL/MAY 2024 | 8.35 | |
| 165 | **Anuja Atmaram Shinde** | U20ME192 | APRIL/MAY 2024 | 8.89 | |
| 166 | Faizul Islam | U20ME193 | APRIL/MAY 2024 | 7.71 | |
| 167 | Mood Naresh | U20ME194 | APRIL/MAY 2024 | 9.36 | |
| 168 | **Tannu** | U20ME195 | APRIL/MAY 2024 | 7.59 | |
| 169 | Jogia Vansh Jitendrabhai | U20ME196 | APRIL/MAY 2024 | 8.59 | |
| 170 | **Sanya Sengar** | U20ME197 | APRIL/MAY 2024 | 9.16 | |
| 171 | **Sangati Shiva Kalyani** | U20ME198 | APRIL/MAY 2024 | 8.56 | |
| 172 | Srikant Kumar | U20ME200 | APRIL/MAY 2024 | 8.28 | |
| 173 | Hardik Choudhary | U20ME201 | APRIL/MAY 2024 | 8.03 | |
| 174 | **Kangana Jethwani** | U20ME202 | APRIL/MAY 2024 | 8.56 | |
| 175 | Rahul Sharma | U20ME203 | APRIL/MAY 2024 | 7.76 | |
| 176 | Posina Leela Kartikeya | U20ME205 | APRIL/MAY 2024 | 7.66 | |
| 177 | Prajapati Rohan Bhupendrakumar | U20ME206 | APRIL/MAY 2024 | 8.59 | |
| 178 | Jai Singrodia | U20ME207 | APRIL/MAY 2024 | 8.72 | |
| 179 | Abhishek Yadav | U20ME209 | APRIL/MAY 2024 | 8.60 | |
| 180 | Lucky Bijarniya | U20ME210 | APRIL/MAY 2024 | 8.13 | |
| 181 | Patel Arpit Ashvinbhai | U20ME211 | APRIL/MAY 2024 | 8.73 | |
| 182 | Nishant Kumar | U20ME212 | APRIL/MAY 2024 | 7.93 | |
| 183 | Mishra Rudram Sudarshan | U20ME213 | APRIL/MAY 2024 | 7.91 | |
| 184 | Vivek Priyadarshi | U20ME214 | APRIL/MAY 2024 | 8.30 | |
| 185 | Adarsh V Kataktalware | U20ME215 | APRIL/MAY 2024 | 8.20 | |
| 186 | Kadam Sudeep Sudam | U20ME216 | APRIL/MAY 2024 | 8.20 | |
| 187 | Ramavath Rajesh | U20ME217 | APRIL/MAY 2024 | 7.14 | |
| 188 | **Kureshi Saniya Hebatkhan** | U20ME218 | APRIL/MAY 2024 | 8.02 | |
| 189 | Devendra Gome | U20ME219 | APRIL/MAY 2024 | 7.71 | |
| 190 | Aditya R P | U20ME220 | APRIL/MAY 2024 | 7.45 | |
| 191 | **Bhukya Anitha** | U20ME221 | APRIL/MAY 2024 | 7.20 | |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA | Remarks |
|---|---|---|---|---|---|
| 192 | Banoth Anil | U20ME222 | APRIL/MAY 2024 | 7.57 | |
| 193 | Abhay R Gadhiya | U20ME223 | APRIL/MAY 2024 | 8.69 | |
| 194 | Maniya Kenil Rameshbhai | U20ME225 | APRIL/MAY 2024 | 7.29 | |
| 195 | Nimkar Aaditya Paresh | U20ME227 | APRIL/MAY 2024 | 8.90 | |
| 196 | Ashok Gehlot | U20ME228 | APRIL/MAY 2024 | 8.24 | |
| 197 | Abhishek Choubey | U20ME229 | APRIL/MAY 2024 | 8.48 | |
| 198 | Padisetty Srinivasa Prem Kamal | U20ME230 | APRIL/MAY 2024 | 7.99 | |
| 199 | Komati Reddy Ganesh Reddy | U20ME231 | APRIL/MAY 2024 | 8.14 | |
| 200 | Umradia Meet Nileshbhai | U20ME232 | APRIL/MAY 2024 | 7.57 | |
| 201 | Vasoya Parthkumar Ashokbhai | U20ME233 | APRIL/MAY 2024 | 7.38 | |
| 202 | Amith Kumar Yadav K | U20ME234 | APRIL/MAY 2024 | 7.19 | |
| 203 | **Priya Kanwar** | U20ME235 | APRIL/MAY 2024 | 8.08 | |
| 204 | Aniket Mewara | U20ME236 | APRIL/MAY 2024 | 8.04 | |
| 205 | Ankush Kumar Singh | U20ME237 | APRIL/MAY 2024 | 8.39 | |
| 206 | Harshit Devpura | U19ME194 | APRIL/MAY 2024 | 8.57 | |

# Sardar Vallabhbhai National Institute of Technology, Surat (Gujarat)

## List of Degree Recipients at Twenty-First Convocation (2023-24 Passout)

### Candidates to be conferred with Master of Science Degree during Twenty-First Convocation

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA |
|---|---|---|---|---|
| **Master of Science (Five Years Integrated Program) in Chemistry** | | | | |
| 1 | Abhishek Mondal | I19CY024 | APRIL/MAY 2024 | 9.57 |
| 2 | Desai Om Sanjay | I19CY001 | APRIL/MAY 2024 | 9.41 |
| 3 | Harshill Bhanushali | I19CY002 | APRIL/MAY 2024 | 9.30 |
| 4 | Smit Hasmukhlal Morawala | I19CY003 | APRIL/MAY 2024 | 8.25 |
| 5 | Konkni Bhupendrabhai | I19CY004 | APRIL/MAY 2024 | 7.37 |
| 6 | Bohara Umakanth Mahesh | I19CY005 | APRIL/MAY 2024 | 9.18 |
| 7 | Bonthu Akash | I19CY006 | APRIL/MAY 2024 | 8.04 |
| 8 | **Leua Vasundhara Jayantibhai** | I19CY008 | APRIL/MAY 2024 | 7.62 |
| 9 | **Jarupula Srusty** | I19CY009 | APRIL/MAY 2024 | 8.13 |
| 10 | **Poojaben Maheshwari** | I19CY010 | APRIL/MAY 2024 | 9.26 |
| 11 | Praveen Prakash | I19CY011 | APRIL/MAY 2024 | 8.74 |
| 12 | Rohit Devashishbhai Rajeshbhai | I19CY012 | APRIL/MAY 2024 | 8.63 |
| 13 | Sarvesh Kumar | I19CY013 | APRIL/MAY 2024 | 8.64 |
| 14 | Priyam Patel | I19CY014 | APRIL/MAY 2024 | 9.21 |
| 15 | Adarsh Bhatt | I19CY015 | APRIL/MAY 2024 | 7.93 |
| 16 | Velamala Likhith Kumar | I19CY016 | APRIL/MAY 2024 | 8.74 |
| 17 | Akash Garg | I19CY017 | APRIL/MAY 2024 | 7.94 |
| 18 | **Ayushi Sharma** | I19CY018 | APRIL/MAY 2024 | 8.73 |
| 19 | Rishabh Singh | I19CY019 | APRIL/MAY 2024 | 8.72 |
| 20 | Amit Kumar Meena | I19CY020 | APRIL/MAY 2024 | 7.23 |
| 21 | **Nandini Kitab Singh Prajapati** | I19CY021 | APRIL/MAY 2024 | 8.51 |
| 22 | Sawai Singh | I19CY022 | APRIL/MAY 2024 | 7.49 |
| 23 | Azhar Mahmood | I19CY023 | APRIL/MAY 2024 | 7.60 |
| 24 | Sahil | I19CY025 | APRIL/MAY 2024 | 8.94 |
| 25 | Harshit Mishra | I19CY026 | APRIL/MAY 2024 | 9.21 |
| 26 | Ripunjay Tanwar | I19CY028 | APRIL/MAY 2024 | 8.82 |
| 27 | Tanuj Singh | I19CY030 | APRIL/MAY 2024 | 9.48 |
| 28 | Thamminana Bhargava | I19CY031 | APRIL/MAY 2024 | 8.50 |
| 29 | Shubham Kumar | I19CY032 | APRIL/MAY 2024 | 8.84 |
| 30 | Bhupendra Kumar | I19CY033 | APRIL/MAY 2024 | 8.33 |
| 31 | Akhilesh Yadav | I19CY034 | APRIL/MAY 2024 | 8.18 |
| 32 | Suryansh Gahraiya | I19CY035 | APRIL/MAY 2024 | 8.42 |
| 33 | Amarendra Singh | I19CY036 | APRIL/MAY 2024 | 9.16 |
| 34 | Aditya Tomar | I19CY038 | APRIL/MAY 2024 | 7.63 |
| 35 | Abhishek Kumar | I19CY039 | APRIL/MAY 2024 | 7.99 |
| 36 | Rohit Padakanti | I19CY040 | APRIL/MAY 2024 | 8.05 |
| 37 | Aditya Singh | I19CY041 | APRIL/MAY 2024 | 8.00 |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA |
|---|---|---|---|---|
| 38 | Jayant Chaudhary | I19CY044 | APRIL/MAY 2024 | 8.00 |
| 39 | Tejavath Rajendhar | I19CY045 | APRIL/MAY 2024 | 8.17 |
| 40 | Sudhir Kumar Yadav | I19CY046 | APRIL/MAY 2024 | 8.46 |
| 41 | **Yuvarani M** | I19CY047 | APRIL/MAY 2024 | 8.70 |
| 42 | Nookala Pavan Kumar | I19CY048 | APRIL/MAY 2024 | 8.62 |
| 43 | **Kottiyada Sai Lekhana** | I19CY049 | APRIL/MAY 2024 | 7.99 |
| 44 | **Mohammad Fathima** | I19CY050 | APRIL/MAY 2024 | 8.09 |
| 45 | Sujeet Kumar | I19CY051 | APRIL/MAY 2024 | 8.12 |
| 46 | Ritesh Kumar | I19CY052 | APRIL/MAY 2024 | 8.88 |
| 47 | Sahil Sharma | I19CY055 | APRIL/MAY 2024 | 7.97 |
| 48 | Vivek Gupta | I19CY056 | APRIL/MAY 2024 | 8.36 |
| **Master of Science (Five Years Integrated Program) in Mathematics** | | | | |
| 1 | **Priyanshi Chandra** | I19MA012 | APRIL/MAY 2024 | 9.63 |
| 2 | **Parmar Dishaben Jayantibhai** | I19MA001 | APRIL/MAY 2024 | 7.31 |
| 3 | Gannamaneni Sai Charan | I19MA002 | APRIL/MAY 2024 | 7.89 |
| 4 | **Rathod Mitalbahen Chandrakant** | I19MA003 | APRIL/MAY 2024 | 8.72 |
| 5 | Dudekula Abdul Rahiman | I19MA004 | APRIL/MAY 2024 | 7.71 |
| 6 | Divya Hemant Bariya | I19MA005 | APRIL/MAY 2024 | 6.33 |
| 7 | Mridul Sehgal | I19MA006 | APRIL/MAY 2024 | 8.61 |
| 8 | **Singh Ayushi Sanjay** | I19MA009 | APRIL/MAY 2024 | 8.54 |
| 9 | Sagar Saini | I19MA011 | APRIL/MAY 2024 | 8.61 |
| 10 | Sanghani Kaushik Chimanbhai | I19MA013 | APRIL/MAY 2024 | 8.39 |
| 11 | Sanjeev Meel | I19MA014 | APRIL/MAY 2024 | 6.80 |
| 12 | **Solanki Mansi Rameshbhai** | I19MA015 | APRIL/MAY 2024 | 7.60 |
| 13 | **Sakshi Hirani** | I19MA016 | APRIL/MAY 2024 | 8.23 |
| 14 | Purvil Vinodbhai Rathod | I19MA017 | APRIL/MAY 2024 | 7.53 |
| 15 | **Deepshikha** | I19MA018 | APRIL/MAY 2024 | 8.77 |
| 16 | Gopani Nemil Thakarshibhai | I19MA019 | APRIL/MAY 2024 | 7.20 |
| 17 | Gouri Chirag | I19MA020 | APRIL/MAY 2024 | 7.94 |
| 18 | Karansinh Makvana | I19MA021 | APRIL/MAY 2024 | 7.00 |
| 19 | Khandelwal Dhruv | I19MA022 | APRIL/MAY 2024 | 7.32 |
| 20 | Dinesh Kumar | I19MA023 | APRIL/MAY 2024 | 7.34 |
| 21 | Theophilus Gera | I19MA024 | APRIL/MAY 2024 | 8.13 |
| 22 | Deepak Meena | I19MA025 | APRIL/MAY 2024 | 6.47 |
| 23 | Yashwardhan Pankaj Banta | I19MA026 | APRIL/MAY 2024 | 8.72 |
| 24 | Budda Reddy Gari Ajay Kumar Reddy | I19MA027 | APRIL/MAY 2024 | 6.07 |
| 25 | Vaghamshi Kuldeep Laljibhai | I19MA029 | APRIL/MAY 2024 | 6.05 |
| 26 | Pavan | I19MA030 | APRIL/MAY 2024 | 7.21 |
| 27 | Keshavala Maheshkumar Subhashbhai | I19MA031 | APRIL/MAY 2024 | 5.90 |
| 28 | Pandor Axaykumar Vikramsinh | I19MA032 | APRIL/MAY 2024 | 6.46 |
| 29 | **Patel Zeelvika Vijendrakumar** | I19MA033 | APRIL/MAY 2024 | 7.65 |
| 30 | Vibhav Garg | I19MA034 | APRIL/MAY 2024 | 8.32 |
| 31 | Mukul Raj Mishra | I19MA035 | APRIL/MAY 2024 | 7.22 |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA |
|---|---|---|---|---|
| 32 | Khasiya Ajay Mukeshbhai | I19MA036 | APRIL/MAY 2024 | 8.00 |
| 33 | Yogeshkumar Goyal | I19MA037 | APRIL/MAY 2024 | 7.73 |
| 34 | Suryam Vivek Gupta | I19MA038 | APRIL/MAY 2024 | 8.26 |
| 35 | Shivam Rajpoot | I19MA039 | APRIL/MAY 2024 | 6.80 |
| 36 | Vijay Kumar | I19MA040 | APRIL/MAY 2024 | 7.27 |
| 37 | **Saroj Sweta Ranjitbhai** | I19MA041 | APRIL/MAY 2024 | 6.34 |
| 38 | Vaibhav Maurya | I19MA042 | APRIL/MAY 2024 | 7.53 |
| 39 | Ajeet Kumar Yadav | I19MA043 | APRIL/MAY 2024 | 7.75 |
| 40 | Chanchal Kumar Jaiswal | I19MA044 | APRIL/MAY 2024 | 7.87 |
| 41 | Karamthote Dinesh Naik | I19MA045 | APRIL/MAY 2024 | 6.74 |
| 42 | Gumma Venkata Surya Vamsi | I19MA046 | APRIL/MAY 2024 | 7.41 |
| 43 | Harshverdhan Swami | I19MA047 | APRIL/MAY 2024 | 7.64 |
| 44 | Bathi Rama Krishna | I19MA048 | APRIL/MAY 2024 | 7.53 |
| 45 | Vamshi Krishna Marumalla | I19MA049 | APRIL/MAY 2024 | 7.37 |
| 46 | Bonu Sai Venkata Deepak Naidu | I19MA050 | APRIL/MAY 2024 | 7.25 |
| 47 | Sooryadas K | I19MA051 | APRIL/MAY 2024 | 7.24 |
| 48 | Naman Rohilla | I19MA052 | APRIL/MAY 2024 | 7.85 |
| 49 | Arvind Kumar | I19MA053 | APRIL/MAY 2024 | 7.18 |
| 50 | Banavath Anil Naik | I19MA054 | APRIL/MAY 2024 | 7.09 |
| 51 | **Sushmeeta Jhang** | I17MA050 | NOV/DEC 2023 | 5.50 |
| **Master of Science (Five Years Integrated Program) in Physics** | | | | |
| 1 | Adithya A Rao | I19PH001 | APRIL/MAY 2024 | 9.77 |
| 2 | Roshan Raj | I19PH002 | APRIL/MAY 2024 | 9.37 |
| 3 | Singh Vibhor Rajesh | I19PH003 | APRIL/MAY 2024 | 9.69 |
| 4 | Keith Kamson Fernandes | I19PH004 | APRIL/MAY 2024 | 7.98 |
| 5 | Hetul Ashit Sukharamwala | I19PH005 | APRIL/MAY 2024 | 8.47 |
| 6 | Tanuj Kumar Arya | I19PH006 | APRIL/MAY 2024 | 9.25 |
| 7 | Desai Rahul Chandrakantbhai | I19PH007 | APRIL/MAY 2024 | 9.08 |
| 8 | Vishal Banshiwal | I19PH008 | APRIL/MAY 2024 | 7.93 |
| 9 | Nirantar Tejas Mayuresh | I19PH009 | APRIL/MAY 2024 | 9.04 |
| 10 | Kangge Yapi | I19PH010 | APRIL/MAY 2024 | 8.28 |
| 11 | Reva Shankar | I19PH012 | APRIL/MAY 2024 | 8.62 |
| 12 | Vivek Mori | I19PH013 | APRIL/MAY 2024 | 8.44 |
| 13 | Hritik Kumar | I19PH014 | APRIL/MAY 2024 | 7.71 |
| 14 | Siddharth Kumar Tiwari | I19PH015 | APRIL/MAY 2024 | 9.29 |
| 15 | Prajapati Vrajkumar Gopalbhai | I19PH016 | APRIL/MAY 2024 | 8.85 |
| 16 | **Sreejita Das** | I19PH017 | APRIL/MAY 2024 | 9.56 |
| 17 | Patel Aum Chhaganbhai | I19PH018 | APRIL/MAY 2024 | 8.76 |
| 18 | Makavana Ashishbhai Mohanbhai | I19PH019 | APRIL/MAY 2024 | 8.93 |
| 19 | Solanki Deep Yogeshbhai | I19PH020 | APRIL/MAY 2024 | 8.98 |
| 20 | Pandey Suraj Shivshankar | I19PH021 | APRIL/MAY 2024 | 8.80 |
| 21 | Abhishek Kumar | I19PH022 | APRIL/MAY 2024 | 9.34 |
| 22 | Rai Suraj Santosh | I19PH023 | APRIL/MAY 2024 | 9.05 |

| Sr. No. | Name of the Student | Admission No. | Year of Passing | CGPA |
|---|---|---|---|---|
| 23 | Neeraj Mathur | I19PH024 | APRIL/MAY 2024 | 8.75 |
| 24 | Kaushik Chandra | I19PH026 | APRIL/MAY 2024 | 7.90 |
| 25 | Vikash Kumar | I19PH028 | APRIL/MAY 2024 | 7.91 |
| 26 | Wadhwa Viren Navin | I19PH029 | APRIL/MAY 2024 | 8.82 |
| 27 | Yashdeep A Raulji | I19PH031 | APRIL/MAY 2024 | 8.04 |
| 28 | **Bhavya Jaiman** | I19PH032 | APRIL/MAY 2024 | 8.89 |
| 29 | **Hanspara Kruti Manjibhai** | I19PH033 | APRIL/MAY 2024 | 8.16 |
| 30 | Kumbhargire Ritesh Subhash | I19PH034 | APRIL/MAY 2024 | 8.21 |
| 31 | Shreyan Goswami | I19PH035 | APRIL/MAY 2024 | 8.99 |
| 32 | Patel Yash Prakashbhai | I19PH036 | APRIL/MAY 2024 | 8.05 |
| 33 | **Dhimmar Hetavi Kamleshkumar** | I19PH037 | APRIL/MAY 2024 | 9.00 |
| 34 | Embadwar Rahul Suresh | I19PH038 | APRIL/MAY 2024 | 8.09 |
| 35 | Ankit Patel | I19PH039 | APRIL/MAY 2024 | 8.49 |
| 36 | Kursenga Sai Preetham | I19PH040 | APRIL/MAY 2024 | 8.61 |
| 37 | **Gadaria Hershini Hemantkumar** | I19PH041 | APRIL/MAY 2024 | 9.40 |
| 38 | Manish | I19PH042 | APRIL/MAY 2024 | 8.54 |
| 39 | Sidharth | I19PH043 | APRIL/MAY 2024 | 9.27 |
| 40 | Ashish | I19PH044 | APRIL/MAY 2024 | 8.85 |
| 41 | Seepathi Akshay | I19PH045 | APRIL/MAY 2024 | 8.14 |
| 42 | Anupam Shaw | I19PH046 | APRIL/MAY 2024 | 9.27 |
| 43 | Mahaveer Prasad | I19PH047 | APRIL/MAY 2024 | 8.33 |
| 44 | Manish Kumar | I19PH049 | APRIL/MAY 2024 | 8.66 |
| 45 | M Midhun Goutham | I19PH050 | APRIL/MAY 2024 | 9.00 |
| 46 | Jadav Yogeshkumar Vinodbhai | I19PH051 | APRIL/MAY 2024 | 8.86 |
| 47 | Aditya Rai | I19PH052 | APRIL/MAY 2024 | 8.36 |
| 48 | Peddoju Shivasai | I19PH053 | APRIL/MAY 2024 | 8.39 |
| 49 | Tinku Kumar | I19PH054 | APRIL/MAY 2024 | 8.71 |
| 50 | Khemchand Sharma | I19PH055 | APRIL/MAY 2024 | 8.59 |
| 51 | Ajay Kumar Jangid | I19PH057 | APRIL/MAY 2024 | 8.40 |
| 52 | **Saraniya Dhruvi Alpeshbhai** | I19PH058 | APRIL/MAY 2024 | 7.65 |
| 53 | Abhishek Roy | I19PH060 | APRIL/MAY 2024 | 9.11 |
| 54 | Domadiya Darshil Narendrabhai | I19PH061 | APRIL/MAY 2024 | 9.10 |
| 55 | Arra Akash | I19PH062 | APRIL/MAY 2024 | 6.97 |
| 56 | Firoj Banjare | I19PH063 | APRIL/MAY 2024 | 7.60 |
| 57 | **V Sree Suswara** | I19PH064 | APRIL/MAY 2024 | 9.04 |
| 58 | Banoth Kartheek Kumar Naik | I19PH065 | APRIL/MAY 2024 | 6.87 |

# सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत

अभिषद् की अनुशंसा पर

सिविल अभियांत्रिकी में प्रौद्योगिकी स्नातक

की उपाधि

(विद्यार्थी का हिन्दी नाम)

को, जिन्होंने इस उपाधि की अवाप्ति हेतु विनियम विहित अपेक्षाओं को मई २०२४ में सफलतापूर्वक पूरा कर लिया है,

एतद्द्वारा प्रदान करता है ।

१० अंकीय मापक्रम में इनका संचित कोटि अंक माध्य ..... है ।

भारतीय गणराज्य के अन्तर्गत सूरत में आज दिनांक (महीना) (साल) को संस्थान की मुद्रा अंकित यह उपाधि दी गई ।

# SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

**Upon the recommendation of the senate hereby confers the degree of**

**Bachelor of Technology in Civil Engineering**

**on**

**(Name of Student)**

**who has successfully completed in May 2024 the requirements prescribed**

**under the regulations for the award of this degree**

**with a Cumulative Grade Point Average of ..... on a 10 point scale.**

**Given this day, the Date of (Month) (Year) , under the seal of the institute at Surat in the Republic of India.**

| | | |
|---|---|---|
| कुलसचिव<br>Registrar | निदेशक एवं अध्यक्ष, अभिषद्<br>Director & Chairman, Senate | अध्यक्ष, शासक मंडल<br>Chairman, Board of Governors |

# सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत

अभिषद् की अनुशंसा पर

रासायनिक इंजीनियरी में प्रौद्योगिकी अधिस्नातक

की उपाधि

(विद्यार्थी का हिन्दी नाम)

को, जिन्होंने इस उपाधि की अवाप्ति हेतु विनियम विहित अपेक्षाओं को मई २०२४ में सफलतापूर्वक पूरा कर लिया है,

एतद्द्वारा प्रदान करता है ।

१० अंकीय मापक्रम में इनका संचित कोटि अंक माध्य ..... है ।

भारतीय गणराज्य के अन्तर्गत सूरत में आज दिनांक (महीना) (साल) को संस्थान की मुद्रा अंकित यह उपाधि दी गई ।

# SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

**upon the recommendation of the senate hereby confers the degree of**

**Master of Technology in Chemical Engineering**

**on**

**(Name of Student)**

**who has successfully completed in May 2024 the requirements prescribed**

**under the regulations for the award of this degree**

**with a Cumulative Grade Point Average of ..... on a 10 point scale.**

**Given this day, the Date of (Month) (Year) , under the seal of the institute at Surat in the Republic of India.**

| | | |
|---|---|---|
| कुलसचिव<br>Registrar | निदेशक एवं अध्यक्ष, अभिषद्<br>Director & Chairman, Senate | अध्यक्ष, शासक मंडल<br>Chairman, Board of Governors |

# सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत

अभिषद् की अनुशंसा पर

रसायण शास्त्र मे विज्ञान अधिस्नातक (पंचवर्षीय एकीकृत कार्यक्रम)

की उपाधि

(विद्यार्थी का हिन्दी नाम)

को, जिन्होंने इस उपाधि की अवाप्ति हेतु विनियम विहित अपेक्षाओं को मई २०२४ में सफलतापूर्वक पूरा कर लिया है,

एतद्द्वारा प्रदान करता है ।

१० अंकीय मापक्रम में इनका संचित कोटि अंक माध्य ..... है ।

भारतीय गणराज्य के अन्तर्गत सूरत में आज दिनांक (महीना) (साल) को संस्थान की मुद्रा अंकित यह उपाधि दी गई ।

# SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

**Upon the recommendation of the senate hereby confers the degree of**

**Master of Science (Five Year Integrated Course) in Chemistry**

**on**

**(Name of Student)**

**who has successfully completed in May 2024 the requirements prescribed**

**under the regulations for the award of this degree**

**with a Cumulative Grade Point Average of ..... on a 10 point scale.**

**Given this day, the Date of (Month) (Year) , under the seal of the institute at Surat in the Republic of India.**

| | | |
|---|---|---|
| कुलसचिव<br>Registrar | निदेशक एवं अध्यक्ष, अभिषद्<br>Director & Chairman, Senate | अध्यक्ष, शासक मंडल<br>Chairman, Board of Governors |

# सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत

अभिषद् की अनुशंसा पर

विद्या वाचस्पति

की उपाधि

(विद्यार्थी का हिन्दी नाम)

को, जिन्होंने इस उपाधि की अवाप्ति हेतु विनियम विहित अपेक्षाओं को मई २०२४ में सफलतापूर्वक पूरा कर लिया है,

एतद्द्वारा प्रदान करता है ।

शोध प्रबन्ध शीर्षक : परफॉरमेन्स इन्वेस्टिगेशन्स ऑफ लो वोल्टेज हाई करंट पावर सप्लाय

भारतीय गणराज्य के अन्तर्गत सूरत में आज दिनांक (महीना) (साल) को संस्थान की मुद्रा अंकित यह उपाधि दी गई ।

# SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

**Upon the recommendation of the senate hereby confers the degree of**

**Doctor of Philosophy**

**on**

**(Name of Student)**

**who has successfully completed in May 2024 the requirements prescribed**

**under the regulations for the award of this degree**

**Thesis Title : PERFORMANCE INVESTIGATIONS OF LOW VOLTAGE HIGH CURRENT POWER SUPPLY**

**Given this day, the Date of (Month) (Year) , under the seal of the institute at Surat in the Republic of India.**

| | | |
|---|---|---|
| कुलसचिव<br>Registrar | निदेशक एवं अध्यक्ष, अभिषद्<br>Director & Chairman, Senate | अध्यक्ष, शासक मंडल<br>Chairman, Board of Governors |

# सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत

अभिषद् की अनुशंसा पर

सिविल अभियांत्रिकी में प्रौद्योगिकी स्नातक

की उपाधि

(विद्यार्थी का हिन्दी नाम)

को, जिन्होंने इस उपाधि की अवाप्ति हेतु विनियम विहित अपेक्षाओं को मई २०२४ में सफलतापूर्वक पूरा कर लिया है,

एतद्द्वारा प्रदान करता है ।

१० अंकीय मापक्रम में इनका संचित कोटि अंक माध्य ..... है ।

एवं इसके साथ ..... में माइनर की आवश्यक अहर्ताओं को पूर्ण किया है ।

भारतीय गणराज्य के अन्तर्गत सूरत में आज दिनांक (महीना) (साल) को संस्थान की मुद्रा अंकित यह उपाधि दी गई ।

# SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

**Upon the recommendation of the senate hereby confers the degree of**

**Bachelor of Technology in Civil Engineering**

**on**

**(Name of Student)**

**who has successfully completed in May 2024 the requirements prescribed**

**under the regulations for the award of this degree**

**with a Cumulative Grade Point Average of ..... on a 10 point scale.**

**Also completed the requirements of Minor in .....**

**Given this day, the Date of (Month) (Year) , under the seal of the institute at Surat in the Republic of India.**

| | | |
|---|---|---|
| कुलसचिव<br>Registrar | निदेशक एवं अध्यक्ष, अभिषद्<br>Director & Chairman, Senate | अध्यक्ष, शासक मंडल<br>Chairman, Board of Governors |

# संस्कृत पाठ्यक्रम (30 सम्पर्क घण्टाः)

## पाठ्यक्रम फलानि (COs)

| पाठ्यक्रम फलम् (CO) | संक्षिप्त विवरणम् |
|---|---|
| **CO1** | संस्कृतभाषायाः मूलभूतानां सिद्धान्तानां बोधः। |
| **CO2** | संस्कृतव्याकरणस्य शुद्धपाठस्य च विकासः। |
| **CO3** | संस्कृतसाहित्यस्य अध्ययनम्, महाकाव्यानां, नाटकानां च अवगाहनम्। |
| **CO4** | संस्कृतसंवादकौशलस्य वृद्धिः। |
| **CO5** | संस्कृतसंस्कृतेः सांस्कृतिकमूल्यानां च अवबोधनम्। |

## पाठ्यक्रम संरचना

| मोड्यूलम् | आवरणविषयाः | समयः |
|---|---|---|
| **मोड्यूलम् 1: संस्कृतभाषायाः परिचयः** | - संस्कृतभाषायाः इतिहासः<br>- भाषायाः महत्वम्<br>- भाषायाः व्याकरणपरिचयः(शब्द के भेद तद्भव, तत्सम, देशज प्रत्यय, उपसर्ग, संधि, समास ) | 6 घण्टाः |
| **मोड्यूलम् 2: संस्कृतव्याकरणम्** | - संज्ञापदानां परिचयः<br>- क्रियापदानां रूपाणि<br>- अव्ययानां प्रयोगः<br>- विभक्तीनां प्रयोगः | 6 घण्टाः |
| **मोड्यूलम् 3: संस्कृतसाहित्यम्** | - रामायणस्य अध्ययनम्<br>- महाभारतस्य परिचयः<br>- कालिदासस्य काव्यानां परिचयः<br>- पंचतन्त्रस्य कथानां अध्ययनम् | 6 घण्टाः |
| **मोड्यूलम् 4: संस्कृतसंवादकौशलम्** | - सामान्यसंवादः<br>- पत्रलेखनम्<br>- भाषणकौशलम्<br>- श्रवणकौशलम् | 6 घण्टाः |
| **मोड्यूलम् 5: संस्कृतसंस्कृतिः** | - संस्कृतसंस्कृतेः महत्वम्<br>- संस्कृतधर्मः<br>- संस्कृतसाहित्ये सांस्कृतिकमूल्यानि<br>- सांस्कृतिकपाठाः | 6 घण्टाः |
| | | कुल समय = ३० घण्टाः |

## अनुशंसित पुस्तकानि

| पुस्तकनाम | लेखकः |
|---|---|
| “संस्कृत स्वयं शिक्षक” | श्रीपाद डी सत्व्लेकर |
| "संस्कृतभाषाप्रवेशिका" | वसुदेव गोविन्द आप्टे |
| प्रारंभिक रचनानुवाद कौमुदी | कपिलदेव द्विवेदी |
| संस्कृत भाषा सीखने की सरल और वैज्ञानिक विधि | वागीश शास्त्री |
| बृहद् अनुवाद चन्द्रिका | चक्रधर नौटियाल हंस शास्त्री |

**Department of Humanities and Social Sciences**

**Indian Constitution and Polity**

| B.Tech. 1st Year / M.Sc. 1st Year<br>Semester I / II<br><br>Indian Constitution and Polity<br>HS--- | Scheme | L | T | P | Credits |
|---|---|---|---|---|---|
| | | 3 | 0 | 0 | 03 |

| 1. | Course Outcomes (COs):<br>At the end of the course, the students will be able to | |
|---|---|---|
| | **CO1** | Understand the historical context and making of the Indian Constitution. |
| | **CO2** | Analyze the Preamble, fundamental rights, duties, and directive principles. |
| | **CO3** | Evaluate the structure and functions of the Indian government. |
| | **CO4** | Discuss the federal structure and division of powers between the central and state governments. |
| | **CO5** | Examine the role of the judiciary and its impact on Indian polity. |

| 2. | Syllabus: | |
|---|---|---|
| | **a. Introduction to the Indian Constitution** | **(7 Hours)** |
| | • Historical context and making of the Indian Constitution<br>• Constituent Assembly and its debates<br>• Preamble: Ideals and Philosophy | |
| | **b. Fundamental Rights, Duties, and Directive Principles** | **(10 Hours)** |
| | • Fundamental Rights: Articles 12-35<br>• Fundamental Duties: Article 51A<br>• Directive Principles of State Policy: Articles 36-51 | |
| | **c. Structure and Functions of the Government** | **(10 Hours)** |
| | • Union Executive: President, Vice-President, Prime Minister, Council of Ministers<br>• Parliament: Composition, Powers, and Functions<br>• State Executive: Governor, Chief Minister, State Council of Ministers<br>• State Legislature: Composition, Powers, and Functions | |

| | | |
|---|---|---|
| | **d. Federal Structure and Division of Powers** | **(8 Hours)** |
| | • Federalism: Features and Significance<br>• Union-State Relations: Legislative, Administrative, and Financial<br>• Emergency Provisions: Articles 352, 356, and 360 | |
| | **e. Judiciary in India** | **(10 Hours)** |
| | • Structure and jurisdiction of the Supreme Court and High Courts<br>• Judicial review and activism<br>• Public Interest Litigation (PIL)<br>• Important judicial cases and their impact | |
| | **Total Contact Time (Lectures)** | **(45 Hours)** |

| | |
|---|---|
| **3.** | **Books Recommended:** |
| | a. D.D. Basu, Introduction to the Constitution of India, LexisNexis, 2015. |
| | b. Subhash C. Kashyap, Our Constitution: An Introduction to India's Constitution and Constitutional Law, National Book Trust, 2019. |
| | c. Granville Austin, The Indian Constitution: Cornerstone of a Nation, Oxford University Press, 2000. |
| | d. M.P. Jain, Indian Constitutional Law, LexisNexis, 2018. |
| | e. Durga Das Basu, Shorter Constitution of India, LexisNexis, 2018. |

**Department of Humanities and Social Sciences**

| B.Tech.1 /M.Sc. 1 Semester I/ II<br>Soft Skills | Scheme | L | T | P | Credit |
|---|---|---|---|---|---|
| | | 2 | 0 | 0 | 2 |

| 1. | Course Outcomes (COs):<br>At the end of the course, the students will be able to |
|---|---|
| CO1 | Understand the fundamental concepts of communication and the importance of soft skills in personal and professional life. |
| CO2 | Develop effective verbal and non-verbal communication skills, including public speaking and active listening. |
| CO3 | Enhance interpersonal skills, including teamwork, conflict resolution, and emotional intelligence. |
| CO4 | Cultivate professional etiquette, time management, and leadership qualities. |
| CO5 | Apply critical thinking, problem-solving, and decision-making skills in various contexts. |

| 2. Syllabus | |
|---|---|
| **Module 1: Introduction to Soft Skills** | 6 hours |
| - Definition and importance of soft skills<br>- Difference between hard skills and soft skills<br>- Role of soft skills in career and personal life | |
| **Module 2: Communication Skills** | 6 hours |
| - Verbal communication: clarity, conciseness, coherence<br>- Non-verbal communication: body language, gestures<br>- Public speaking and presentation skills<br>- Active listening and feedback techniques | |
| **Module 3: Interpersonal Skills** | 6 hours |
| - Teamwork and collaboration: building effective teams<br>- Conflict resolution techniques: negotiation and mediation<br>- Emotional intelligence: understanding and managing emotions<br>- Developing empathy and interpersonal relationships | |
| **Module 4: Professional Skills** | 6 hours |
| - Professional etiquette: workplace behavior and manners<br>- Time management: prioritizing tasks and managing time effectively<br>- Organizational skills: planning and delegation<br>- Leadership and management skills: motivating and guiding teams | |
| **Module 5: Critical Thinking and Problem Solving** | 6 hours |
| - Decision-making processes: steps and strategies<br>- Creative thinking techniques: brainstorming and lateral thinking<br>- Problem-solving strategies: identifying and analyzing problems<br>- Applying critical thinking in various contexts | |
| (Total Contact Time: 30 Hours) | |

| 3. | **REFERENCE BOOKS** |
|---|---|
| 1 | Sonmez, John "Soft Skills: The Software Developer's Life Manual" Manning 2015 |
| 2 | Stovall, Jim & Hull, Raymond H. "The Art of Communication: Improving Your Fundamental Communication Skills" Sound Wisdom 2016 |
| 3 | Bradberry, Travis & Greaves, Jean "Emotional Intelligence 2.0" TalentSmart 2009 |
| 4 | Sharma, Sangeeta Ph.D., Binod Mishra, “Communication Skills for Engineers & Scientists Paperback”, Big Book, 2023 |
| 5 | Rao, M.S. "Soft Skills: Enhancing Employability" I.K. International 2010 |
| 6 | Sharma, Sangeeta Ph.D., Binod Mishra, “Communication Skills for Engineers & Scientists Paperback”, Big Book, 2023 |
| 7 | Chauhan,Gajendra Singh & Sangeeta Sharma, "Soft Skills: An Integrated Approach to Maximise Personality", Wiley Pulication, 2015 |

**Department of Humanities and Social Sciences**

| B.Tech.1 /M.Sc. 1 Semester I/ II<br>Public Speaking | Scheme | L | T | P | Credit |
|---|---|---|---|---|---|
| | | 2 | 0 | 0 | 2 |

| 1. | Course Outcomes (COs):<br>At the end of the course, the students will be able to |
|---|---|
| CO1 | Understand the principles and theories of effective public speaking. |
| CO2 | Develop skills to organize and deliver clear, concise, and engaging speeches. |
| CO3 | Enhance verbal and non-verbal communication techniques. |
| CO4 | Build confidence in public speaking through practice and feedback. |
| CO5 | Analyze and critique public speeches to identify strengths and areas for improvement. |

| 2. Syllabus | |
|---|---|
| **Module 1: Introduction to Public Speaking** | **6 hours** |
| - Definition and importance of public speaking<br>- Principles of effective communication<br>- Overcoming fear and anxiety | |
| **Module 2: Speech Organization and Development** | **6 hours** |
| - Structuring speeches: introduction, body, conclusion<br>- Researching and gathering materials<br>- Developing a clear message | |
| **Module 3: Verbal and Non-verbal Communication** | **6 hours** |
| - Effective use of voice: tone, pitch, pace<br>- Body language, gestures, and facial expressions<br>- Visual aids and technology in presentations | |
| **Module 4: Practice and Delivery** | **6 hours** |
| - Practicing speech delivery<br>- Receiving and giving constructive feedback<br>- Managing Q&A sessions | |
| **Module 5: Analysis and Critique of Speeches** | **6 hours** |
| - Analyzing famous speeches<br>- Identifying strengths and weaknesses<br>- Techniques for continuous improvement | |
| (Total Contact Time: 30 Hours) | |

| 3. | **REFERENCE BOOKS** |
|---|---|
| **1** | Lucas, Stephen E., "The Art of Public Speaking", McGraw-Hill, 2014 |
| **2** | Dale Carnegie, "The Quick and Easy Way to Effective Speaking", Pocket Books, 1990 |
| **3** | Beebe, Steven A. & Beebe, Susan J., "Public Speaking: An Audience-Centered Approach", Pearson, 2015 |
| **4** | Hamilton, Cheryl, "Essentials of Public Speaking", Cengage Learning, 2013 |
| **5** | Duarte, Nancy, "Resonate: Present Visual Stories that Transform Audiences", Wiley, 2010 |

**Department of Humanities and Social Sciences**

| B.Tech.1 /M.Sc. 1 Semester I/ II<br>Emotion & Cognition | Scheme | L | T | P | Credit |
|---|---|---|---|---|---|
| | | 2 | 0 | 0 | 2 |

| 1. | **Course Outcomes (COs):**<br>**At the end of the course, the students will be able to** |
|---|---|
| CO1 | Understand the theoretical foundations of emotion and cognition. |
| CO2 | Analyze the interplay between emotional processes and cognitive functions. |
| CO3 | Explore the impact of emotions on memory, attention, and decision-making. |
| CO4 | Examine neurobiological bases of emotions and cognitive processes. |
| CO5 | Apply knowledge of emotion-cognition interaction to real-world contexts and psychological interventions. |

| **2. Syllabus** | |
|---|---|
| **Module 1: Introduction to Emotion and Cognition** | **6 hours** |
| - Definitions and historical perspectives<br>- Key theories and models<br>- Relationship between emotion and cognition | |
| **Module 2: Emotional Influence on Cognitive Processes** | **6 hours** |
| - Emotion and perception<br>- Emotion and attention<br>- Emotion and memory | |
| **Module 3: Cognitive Regulation of Emotion** | **6 hours** |
| - Cognitive appraisal theories<br>- Coping mechanisms<br>- Cognitive behavioural strategies | |
| **Module 4: Neurobiological Bases of Emotion and Cognition** | **6 hours** |
| - Brain structures involved in emotion and cognition<br>- Neurotransmitters and hormones<br>- Neuroimaging studies | |
| **Module 5: Applications and Implications** | **6 hours** |
| - Impact on mental health and therapy<br>- Influence on decision-making and behavior<br>- Case studies and practical applications | |
| (Total Contact Time: 30 Hours) | |

| 3. | **REFERENCE BOOKS** |
|---|---|
| **1** | Barrett, Lisa Feldman, "How Emotions Are Made: The Secret Life of the Brain", Houghton Mifflin Harcourt, 2017 |
| **2** | LeDoux, Joseph, "The Emotional Brain: The Mysterious Underpinnings of Emotional Life", Simon & Schuster, 1998 |
| **3** | Gross, James J., "Handbook of Emotion Regulation", Guilford Press, 2014 |
| **4** | Pessoa, Luiz, "The Cognitive-Emotional Brain: From Interactions to Integration", MIT Press, 2013 |
| **5** | Keltner, Dacher, Oatley, Keith, & Jenkins, Jennifer M., "Understanding Emotions", Wiley, 2013 |

**Department of Humanities and Social Sciences**

| B.Tech.1 /M.Sc. 1 Semester I/ II<br>Social Psychology | Scheme | L | T | P | Credit |
|---|---|---|---|---|---|
| | | 2 | 0 | 0 | 2 |

| 1. | Course Outcomes (COs):<br>At the end of the course, the students will be able to |
|---|---|
| CO1 | Understand the key theories and principles of social psychology. |
| CO2 | Analyze the influence of social factors on individual behavior and cognition. |
| CO3 | Explore the dynamics of group behavior and intergroup relations. |
| CO4 | Evaluate the impact of social influence, persuasion, and conformity. |
| CO5 | Apply social psychological concepts to real-world issues and interventions. |

| 2. Syllabus | |
|---|---|
| **Module 1: Introduction to Social Psychology** | **6 hours** |
| - Definition and scope of social psychology<br>- Historical foundations and key concepts<br>- Research methods in social psychology | |
| **Module 2: Social Cognition and Perception** | **6 hours** |
| - Social perception and attribution<br>- Attitudes and attitude change<br>- Stereotyping, prejudice, and discrimination | |
| **Module 3: Social Influence and Persuasion** | **6 hours** |
| - Conformity, compliance, and obedience<br>- Persuasion techniques<br>- The role of media and propaganda | |
| **Module 4: Group Dynamics and Intergroup Relations** | **6 hours** |
| - Group formation and structure<br>- Group performance and decision making<br>- Intergroup conflict and cooperation | |
| **Module 5: Applications of Social Psychology** | **6 hours** |
| - Social psychology in health, law, and business<br>- Interventions and behavior change<br>- Case studies and practical applications | |
| (Total Contact Time: 30 Hours) | |

| 3. | **REFERENCE BOOKS** |
|---|---|
| **1** | Aronson, Elliot, Wilson, Timothy D., & Akert, Robin M., "Social Psychology", Pearson, 2018 |
| **2** | Myers, David G., "Exploring Social Psychology", McGraw-Hill, 2018 |
| **3** | Cialdini, Robert B., "Influence: The Psychology of Persuasion", Harper Business, 2006 |
| **4** | Tajfel, Henri, "Social Identity and Intergroup Relations", Cambridge University Press, 2010 |
| **5** | Fiske, Susan T., "Social Beings: Core Motives in Social Psychology", Wiley, 2018 |
| **6** | Luiz Pessoa "The Entangled Brain: How Perception, Cognition, and Emotion Are Woven Together" MIT Press 2022 |

**Department of Humanities and Social Sciences**

**Ancient Indian Texts**

| B.Tech. 1st Year / M.Sc. 1st Year<br>Semester I / II<br><br>**Ancient Indian Texts**<br>**HS---** | **Scheme** | **L** | **T** | **P** | **Credits** |
|---|---|---|---|---|---|
| | | **2** | **0** | **0** | **02** |

| **1.** | **Course Outcomes (COs):**<br>At the end of the course, the students will be able to | |
|---|---|---|
| | **CO1** | Understand the historical and cultural context of ancient Indian texts. |
| | **CO2** | Analyze the philosophical and literary significance of key texts. |
| | **CO3** | Evaluate the impact of these texts on Indian society and culture. |
| | **CO4** | Discuss the contributions of ancient Indian texts to world literature. |
| | **CO5** | Examine the relevance of ancient Indian texts in contemporary times. |

| **2.** | **Syllabus:** | |
|---|---|---|
| | **a. Introduction to Ancient Indian Texts** | **(6 Hours)** |
| | • Overview of ancient Indian literature<br>• Vedic literature: Rigveda, Samaveda, Yajurveda, Atharvaveda<br>• Importance of the Vedas in Indian culture | |
| | **b. Epic Literature** | **(6 Hours)** |
| | • Ramayana: Overview, themes, and significance<br>• Mahabharata: Overview, themes, and significance<br>• Comparison between the Ramayana and the Mahabharata | |
| | **c. Classical Sanskrit Literature** | **(6 Hours)** |
| | • Works of Kalidasa: Abhijnanasakuntalam, Meghaduta, Raghuvamsa<br>• Contributions of Bhasa and his plays<br>• Analysis of classical poetry and drama | |
| | **d. Religious and Philosophical Texts** | **(6 Hours)** |

| | | |
|---|---|---|
| | • Upanishads: Key concepts and teachings<br>• Bhagavad Gita: Overview and philosophical insights<br>• Jain and Buddhist texts: Agamas, Tripitakas | |
| | **e. Regional Literature and Other Texts** | **(6 Hours)** |
| | • Sangam literature: Themes and significance<br>• Bhakti and Sufi literature: Impact on Indian culture<br>• Arthashastra and its relevance in ancient Indian polity | |
| | **Total Contact Time (Lectures)** | **(30 Hours)** |

| | |
|---|---|
| **3.** | **Books Recommended:** |
| | a. A.L. Basham, The Wonder That Was India, Rupa Publications, 2004. |
| | b. R.C. Zaehner, Hindu Scriptures, Everyman's Library, 1992. |
| | c. Wendy Doniger, The Rig Veda: An Anthology, Penguin Classics, 2000. |
| | d. K.M. Ganguli, The Mahabharata, Purna Publications, 2016. |
| | e. C. Rajagopalachari, Ramayana, Bharatiya Vidya Bhavan, 2016. |
| | f. Barbara Stoler Miller, The Bhagavad Gita: Krishna's Counsel in Time of War, Bantam Classics, 1986. |
| | g. Upinder Singh, A History of Ancient and Early Medieval India, Pearson, 2008. |

**Department of Humanities and Social Sciences**

**Indian Freedom Fighters :1857-1947**

| B.Tech. 1st Year / M.Sc. 1st Year<br>Semester I / II<br><br>Indian Freedom Fighters :1857-1947<br>HS--- | Scheme | L | T | P | Credits |
|---|---|---|---|---|---|
| | | 2 | 0 | 0 | 02 |

| | | |
|---|---|---|
| 1. | **Course Outcomes (COs):**<br>At the end of the course, the students will be able to | |
| | **CO1** | Comprehend the contributions of various freedom fighters in India's struggle for independence. |
| | **CO2** | Evaluate the impact of different movements and revolutionary activities on the Indian freedom struggle. |
| | **CO3** | Understand the socio-political environment during the British colonial period in India. |
| | **CO4** | Discuss the legacy and ideologies of prominent Indian freedom fighters. |
| | **CO5** | Analyze the historical significance of the freedom movement in shaping modern India. |

| | | |
|---|---|---|
| 2. | **Syllabus:** | |
| | **a. Introduction to Indian Freedom Movement** | **(6 Hours)** |
| | Overview of the Indian independence struggle, Key phases and milestones, Early resistance movements. | |
| | **b. Early Leaders and Movements** | **(8 Hours)** |
| | Annie Besant: Starting the Home Rule Movement; Asaf Ali: Indian National Movement; Begum Hazrat Mahal: Indian Rebellion of 1857; Chittaranjan Das: Non-Cooperation Movement and Swaraj Party; Dr. Rajendra Prasad: Leader of Bihar and First President of India. | |
| | **c. Revolutionary Activities** | **(8 Hours)** |
| | Bhagat Singh: Revolutionary youth icon; Ashfaqulla Khan, Ram Prasad Bismil, Manmath Nath Gupta, and Sachindra Bakshi: Kakori Conspiracy; Chandra Shekhar | |

| | | |
|---|---|---|
| | Azad: Hindustan Socialist Republican Association; Subhas Chandra Bose: Indian National Army; Surya Sen: Chittagong Armoury Raid. | |
| | **d. Prominent Leaders and Their Contributions** | **(8 Hours)** |
| | Mahatma Gandhi: Father of the Nation, Satyagraha, and Civil Disobedience; Jawaharlal Nehru: First Prime Minister of India; Sardar Vallabhbhai Patel: Civil Disobedience Movement and Quit India Movement ; Dr. B R Ambedkar: Father of the Indian Constitution; Vinayak Damodar Savarkar: Hindu Mahasabha and Hindu Nationalist Philosophy. | |
| | **e. Women Freedom Fighters** | **(5 Hours)** |
| | Rani Laxmi Bai: Indian Rebellion of 1857; Lakshmi Sahgal: Officer of the Indian Army; Sucheta Kriplani: First female Chief Minister; Begum Hazrat Mahal: Role in 1857 rebellion. | |
| | **f. Regional Leaders and Movements** | **(5 Hours)** |
| | Veerapandiya Kattabomman: Resistance against British rule in Tamil Nadu; Tanguturi Prakasam: First Chief Minister of Andhra State; Ubaidullah Sindhi: Silk Letter Conspiracy; Vibhuti Narayan Singh: Farmers' movement against indigo planters. | |
| | **Total Contact Time (Lectures)** | **(30 Hours)** |

| | |
|---|---|
| **3.** | **Reference Books:** |
| | a. Bipin Chandra, Mridula Mukherjee, Aditya Mukherjee, "India's Struggle for Independence," Penguin Books, 2017. |
| | b. Ramesh Chandra Majumdar, "History of the Freedom Movement in India," South Asia Books, 1963. |
| | c. Subhas Chandra Bose, "The Indian Struggle, 1920-1942," OUP India, 1997. |
| | d. Bhagat Singh, "Why I am an Atheist," Srishti Publishers, 2006. |
| | e. Rudrangshu Mukherjee, "The Penguin Gandhi Reader," Penguin Books, 1993. |

**Appendix 6**
**Of the 62nd meeting of the Senate**

| | |
|---|---|
| **Honours Degree on Spiritual Philosophy** | |
| 1 | Indian Metaphysics |
| 2 | Spiritual Psychology |
| 3 | Synthesis of Science, Religions & Philosophy |
| 4 | Science & Non Duality or Modern Era of Spiritual Philosophy |
| **Minor Degree on Universal Human Values** | |
| 1 | Universal Human Values – Introduction |
| 2 | Human Values in Various Philosophies |
| 3 | Holistic Human Psychology |
| 4 | Vision for Human Society : United Society and Harmony in Nature |

# LIST OF SUBJECTS FOR INSTITUTE ELECTIVE (ODD)

| **Human Values and Professional Ethics** | scheme | L | T | P | credit |
|---|---|---|---|---|---|
| | | 3 | 0 | 0 | 3 |

## 1. Course Outcomes(COs)::

At the end of the students will be able to:

| | |
|---|---|
| CO1 | Understand the concept of human values and their significance in personal and professional life. |
| CO2 | Analyze ethical theories and apply them to real-life scenarios. |
| CO3 | Develop critical thinking skills to evaluate ethical issues and make informed decisions. |
| CO4 | Cultivate awareness of cultural diversity and its impact on ethical practices. |
| CO5 | Reflect on personal values and integrate them into professional roles. |

## 2. Syllabus::

**MODULE-1::** **(8 Hours)**

Introduction to Ethics and Values::Definition of ethics and values, Importance of ethics in professions, Ethical relativism vs. ethical absolutism

Ethical Theories::Utilitarianism, Deontology, Virtue ethics

Applications of Ethical Theories::Case studies in healthcare ethics, Case studies in business ethics

**MODULE-2::** **(10 Hours)**

Ethical Decision-Making::Steps in ethical decision-making, Ethical dilemmas and their resolution

Professional Codes of Ethics::Overview of professional codes, Analysis of specific professional codes (e.g., engineering, medicine)

Ethical Leadership::Characteristics of ethical leaders, Case studies of ethical leadership

**MODULE-3::** **(16 Hours)**

Cultural Dimensions of Ethics::Cultural relativism, Cross-cultural ethical issues

Ethical Issues in Technology::Privacy and data protection, Ethical considerations in AI and robotics

Environmental Ethics::Ethics of sustainability, Case studies in environmental ethics

Ethics in Research and Academia::Research ethics principles, Plagiarism and academic integrity

**MODULE-4::** **(16 Hours)**

Personal Values and Professional Identity::Reflective practice, Integrating personal values into professional roles

Ethical Challenges in the Workplace::Whistleblowing, Ethical responsibilities in organizational contexts

Future Trends in Ethics::Emerging ethical issues, Ethical implications of technological advancements

## 3. Books Recommended::


1. "Ethics for the Real World: Creating a Personal Code to Guide Decisions in Work and Life" by Ronald A. Howard and Clinton D. Korver
2. "Ethics and Professional Responsibility: A Collection of Articles" edited by Robert M. Veatch

# LIST OF SUBJECTS FOR INSTITUTE ELECTIVE (ODD)

| **Inner clarity** | scheme | L | T | P | credit |
|---|---|---|---|---|---|
| | | 3 | 0 | 0 | 3 |

## 1. Course Outcomes(COs)::

At the end of the students will be able to:

| | |
|---|---|
| CO1 | Understand the concept of inner clarity and its importance in personal and professional life. |
| CO2 | Develop self-awareness through mindfulness practices and reflective exercises. |
| CO3 | Apply psychological theories to analyze and interpret personal experiences and behaviors. |
| CO4 | Cultivate emotional intelligence and empathy through experiential learning. |
| CO5 | Explore techniques for managing stress, enhancing resilience, and fostering well-being. |

## 2. Syllabus::

**MODULE-1::** **(8 Hours)**

Introduction to Inner Clarity::Definition of inner clarity, Importance of self-awareness in decision-making, Psychological perspectives on self-concept and identity

Self-Awareness and Mindfulness::Introduction to mindfulness practices, Benefits of mindfulness for mental well-being, Mindfulness techniques for self-awareness

Emotional Intelligence::Components of emotional intelligence (EI), Developing EI skills

**MODULE-2::** **(10 Hours)**

Mindfulness Practices::Introduction to mindfulness, Techniques for cultivating mindfulness

Mindfulness in Daily Life::Mindful eating, walking, and communication, Benefits of integrating mindfulness into daily routines

Stress Management::Understanding stress and its impact, Stress reduction techniques (e.g., relaxation, meditation)

**MODULE-3::** **(16 Hours)**

Cultivating Resilience::Building resilience through adversity, Strategies for enhancing personal resilience

Self-Compassion::Benefits of self-compassion, Practices for cultivating self-compassion

Values and Purpose::Clarifying personal values, Aligning actions with values

Interpersonal Communication::Effective communication skills, Listening and empathy

**MODULE-4::** **(16 Hours)**

Conflict Resolution::Understanding conflict styles, Strategies for constructive conflict resolution
Integrating Inner Clarity in Professional Life::Applying inner clarity to career decisions, Balancing personal and professional goals
Ethical Considerations in Personal Development::Ethical dilemmas in self-improvement, Personal integrity and authenticity

## 3. Books Recommended::

1. "The Power of Now: A Guide to Spiritual Enlightenment" by Eckhart Tolle
2. "Mindfulness in Plain English" by Bhante Henepola Gunaratana
3. "Emotional Intelligence 2.0" by Travis Bradberry and Jean Greaves

## LIST OF SUBJECTS FOR INSTITUTE ELECTIVE (EVEN)

| **Indian Knowledge System** | scheme | L | T | P | credit |
|---|---|---|---|---|---|
| | | 3 | 0 | 0 | 3 |

## 1. Course Outcomes(COs)::

At the end of the students will be able to:

| | |
|---|---|
| CO1 | Understand the foundational concepts of Indian knowledge systems. |
| CO2 | Explore the evolution and contributions of Indian philosophy, sciences, and arts. |
| CO3 | Analyze the intersections between traditional Indian knowledge and modern disciplines. |
| CO4 | Reflect on the cultural and ethical dimensions embedded in Indian traditions. |
| CO5 | Critically engage with debates on the preservation and adaptation of Indian knowledge systems. |

## 2. Syllabus::

**MODULE-1::** **(10 Hours)**

Introduction to Indian Knowledge Systems::Overview of Indian intellectual traditions, Significance and relevance of Indian knowledge systems today

Indian Philosophical Traditions::Schools of Indian philosophy (e.g., Vedanta, Nyaya, Sankhya), Comparative analysis with Western philosophical traditions

Scientific Achievements in Ancient India::Contributions in mathematics (e.g., zero, decimal system), Astronomy and astrology in ancient Indian texts

**MODULE-2::** **(8 Hours)**

Ayurveda and Traditional Medicine::Principles of Ayurveda, Integrative health practices in modern contexts

Indian Arts and Aesthetics::Classical Indian music, dance, and drama, Iconography and symbolism in Indian art

Yoga and Meditation::Origins and evolution of yoga, Practical aspects of meditation techniques

**MODULE-3::** **(9 Hours)**

Ethics and Moral Philosophy::Concepts of dharma and karma, Ethical teachings in Indian scriptures

Social Systems and Governance::Ancient Indian polity and governance (e.g., Arthashastra), Caste system and its historical context

Literature and Epics::The Ramayana and the Mahabharata, Analysis of mythological narratives and their cultural significance

**MODULE-4::** **(9 Hours)**

Ecology and Environmental Ethics::Ecological principles in ancient Indian texts, Contemporary environmental challenges and Indian perspectives

Global Influence of Indian Knowledge Systems:: Spread of Indian philosophies and sciences beyond India, Contemporary movements and adaptations (e.g., Neo-Vedanta)

Challenges and Debates:: Critiques of Indian knowledge systems, Issues of authenticity and adaptation in the modern world

**MODULE-5::** **(6 Hours)**

Revival and Preservation Efforts::Efforts to preserve and promote traditional knowledge, Role of institutions and government initiatives

Contemporary Relevance and Future Directions::Application of Indian knowledge systems in sustainable development, Innovations and collaborations in Indian traditional sciences

## 3. Books Recommended::


1. "Indian Philosophy: A Very Short Introduction" by Sue Hamilton
2. "Ayurveda: The Science of Self-Healing" by Dr. Vasant Lad
3. "The Bhagavad Gita" (translated and annotated by various authors)

## LIST OF SUBJECTS FOR INSTITUTE ELECTIVE (EVEN)

| **Contemplative psychology and studies** | scheme | L | T | P | credit |
|---|---|---|---|---|---|
| | | 3 | 0 | 0 | 3 |

## 1. Course Outcomes(COs)::

At the end of the students will be able to:

| | |
|---|---|
| CO1 | Understand the foundational concepts of contemplative psychology. |
| CO2 | Explore different contemplative traditions and their psychological implications. |
| CO3 | Examine the application of contemplative practices in mental health and well-being. |
| CO4 | Develop practical skills in mindfulness, meditation, and self-reflection. |
| CO5 | Critically analyze research and theories integrating contemplative practices with psychology. |

## 2. Syllabus::

**MODULE-1::** **(8 Hours)**

Introduction to Contemplative Psychology::Definition and scope of contemplative psychology, Historical overview of contemplative practices in psychology

Theories of Mind and Consciousness::Western psychological theories (e.g., Freud, Jung), Eastern perspectives on mind and consciousness (e.g., Buddhist psychology)

Mindfulness and Awareness::Definitions and practices of mindfulness, Benefits of mindfulness in psychological well-being

**MODULE-2::** **(10 Hours)**

Meditation Practices::Types of meditation (e.g., concentrative, mindfulness, loving-kindness), Neuroscientific research on meditation effects

Contemplative Practices in Different Traditions::Yoga and contemplative movement practices, Christian contemplative traditions (e.g., Lectio Divina)

Contemplative Approaches to Emotional Regulation::Mindfulness-based approaches to emotion regulation, Compassion-focused therapy and its contemplative roots

**MODULE-3::** **(9 Hours)**

Self-Reflection and Insight::Techniques for self-inquiry and reflective practices, Integrating insights from contemplative experiences

Applications in Clinical Psychology:: Mindfulness-based interventions (e.g., MBCT, MBSR), Contemplative approaches to treating anxiety and depression
Contemplative Ethics and Values::Ethical considerations in contemplative practices, Cultivating compassion and ethical behavior through contemplation

**MODULE-4::** **(9 Hours)**

Contemplative Ecology and Sustainability::Contemplative perspectives on environmental ethics, Practices for ecological mindfulness and sustainability
Contemplative Leadership and Social Change::Mindful leadership principles, Contemplative approaches to promoting social justice
Contemplative Arts and Creativity::Integrating contemplative practices with creative expression, Role of arts in contemplative traditions

**MODULE-5::** **(6 Hours)**

Research Methods in Contemplative Studies::Qualitative and quantitative approaches in contemplative research, Challenges and future directions in the field
Integration and Applications:: Personal reflections on the course journey, Final projects or presentations on applications of contemplative psychology

## 3. Books Recommended::


1. "The Mindful Brain: Reflection and Attunement in the Cultivation of Well-Being" by Daniel J. Siegel
2. "Mindfulness-Based Cognitive Therapy for Depression" by Zindel V. Segal, Mark Williams, and John Teasdale
3. "The Miracle of Mindfulness: An Introduction to the Practice of Meditation" by Thich Nhat Hanh

# LIST OF SUBJECTS FOR HONORS DEGREE IN SPIRITUAL PHILOSOPHY

| **Indian Metaphysics** | scheme | L | T | P | credit |
|---|---|---|---|---|---|
| | | 3 | 1 | 0 | 4 |

## 1. Course Outcomes(COs)::

At the end of the students will be able to:

| | |
|---|---|
| CO1 | Understand the core concepts and debates within Indian metaphysics. |
| CO2 | Analyze the major philosophical schools (darshanas) of Indian thought. |
| CO3 | Explore spiritual concepts such as karma, reincarnation, and liberation (moksha). |
| CO4 | Critically engage with the intersections between Indian metaphysics and modern philosophical discourse. |
| CO5 | Reflect on the relevance of Indian metaphysical insights in contemporary global contexts. |

## 2. Syllabus::

**MODULE-1::** **(12 Hours)**

Introduction to Indian Metaphysics::Definition and scope of Indian metaphysics, Historical overview of Indian philosophical traditions

Schools of Indian Philosophy (Darshanas)::Overview of six orthodox (astika) and three heterodox (nastika) schools, Comparative study of Nyaya, Vaisheshika, Samkhya, Yoga, Mimamsa, Vedanta, Buddhism, Jainism, and Carvaka

Concept of Reality (Sat)::The concept of Brahman in Vedanta, Pratitya-samutpada (Dependent Origination) in Buddhism

**MODULE-2::** **(10 Hours)**

Theory of Knowledge (Pramana):: Pramana systems in Nyaya and Mimamsa, Buddhist epistemology (Pratyaksha, Anumana, Upamana, Sabda)

Mind and Consciousness:: Atman and Anatman (self and non-self), Yogic and Buddhist perspectives on consciousness

Karma and Reincarnation:: Law of karma and its implications, Reincarnation (samsara) and liberation (moksha)

**MODULE-3::** **(12 Hours)**

Ethics and Moral Philosophy:: Dharma and ethical conduct in Indian metaphysics, Ethical implications of karma and dharma

Aesthetics and Philosophy of Art:: Rasas (aesthetic moods) in Indian aesthetics, The concept of beauty and its metaphysical underpinnings

Time and Cosmology::Concept of time in Indian thought (Kalpa, Yuga), Cosmological models in Hindu and Buddhist metaphysics

**MODULE-4::** **(12 Hours)**

Ontology and Reality:: Existence and non-existence in Nyaya and Buddhist ontology, Ultimate reality (paramarthika satya) in Advaita Vedanta

Comparative Metaphysics::Comparative study of Indian and Western metaphysical traditions, Dialogue between East and West on metaphysical concepts

Contemporary Relevance of Indian Metaphysics:: Applications of Indian metaphysical insights in psychology, science, and spirituality, Challenges and adaptations in modern interpretations

**MODULE-5::** **(10 Hours)**

Controversies and Critiques:: Critiques of Indian metaphysical concepts (e.g., materialism vs. idealism), Debates on authenticity and interpretation in Indian philosophy

Future Directions and Integration::Emerging trends in the study and application of Indian metaphysics, Personal reflections on the course journey and final projects

## 3. Books Recommended::


1. "Indian Philosophy: A Very Short Introduction" by Sue Hamilton
2. "The Principal Upanishads" translated by S. Radhakrishnan
3. "Buddhist Philosophy: Essential Readings" edited by William Edelglass and Jay Garfield

## LIST OF SUBJECTS FOR HONORS DEGREE IN SPIRITUAL PHILOSOPHY

| **Spiritual psychology** | scheme | L | T | P | credit |
|---|---|---|---|---|---|
| | | 3 | 1 | 0 | 4 |

## 1. Course Outcomes(COs)::

At the end of the students will be able to:

| | |
|---|---|
| CO1 | Understand the foundational concepts of spiritual psychology. |
| CO2 | Explore spiritual practices and their psychological implications. |
| CO3 | Examine theories of consciousness, transformation, and self-development from spiritual perspectives. |
| CO4 | Develop practical skills in mindfulness, meditation, and other contemplative practices. |
| CO5 | Critically analyze research and case studies integrating spirituality and psychology. |

## 2. Syllabus::

**MODULE-1::** **(12 Hours)**

Introduction to Spiritual Psychology::Definition and scope of spiritual psychology, Historical overview of spirituality in psychology

Theories of Self and Identity:: Jungian psychology and individuation, Self-transcendence in Eastern and Western spiritual traditions

Mindfulness and Contemplative Practices:: Definitions and benefits of mindfulness, Techniques for cultivating mindfulness and presence

**MODULE-2::** **(10 Hours)**

Meditation Practices:: Types of meditation (e.g., mindfulness, loving-kindness, transcendental), Neuroscientific research on meditation and brain plasticity

Integral Psychology:: Ken Wilber's integral theory and spirituality, The concept of holons and levels of consciousness

Transpersonal Psychology::Abraham Maslow and the hierarchy of needs, Spiritual awakening and peak experiences

**MODULE-3::** **(10 Hours)**

Developmental Psychology and Spirituality:: Erik Erikson's stages of psychosocial development, Spiritual crises and transformative growth

Psychospiritual Integration:: Integrative approaches to mental health and well-being, Case studies in psychospiritual therapy

**MODULE-4::** **(12 Hours)**

Spiritual Intelligence (SQ):: Definition and components of spiritual intelligence, Assessing and developing SQ in individuals

Compassion and Altruism:: The psychology of compassion and empathy, Spiritual teachings on loving-kindness and altruistic behavior

Mystical Experiences:: The psychology of mystical experiences (e.g., peak experiences, near-death experiences), Cross-cultural perspectives on mysticism

**MODULE-5::** **(12 Hours)**

Ethics and Values in Spiritual Psychology:: Ethical considerations in integrating spirituality and psychology, Cultivating ethical behavior and integrity

Research Methods in Spiritual Psychology::Qualitative and quantitative approaches in studying spiritual experiences, Challenges and future directions in spiritual psychology research

Applications and Integration:: Integrating spiritual psychology in professional practice (e.g., counseling, coaching), Personal reflections on the course journey and final projects

## 3. Books Recommended::

1. "The Psychology of Spirituality: From Divided Self to Integrated Self" by Lisa J. Miller
2. "Transpersonal Development: The Dimension Beyond Psychosynthesis" by Roberto Assagioli
3. "Mindful Compassion: How the Science of Compassion Can Help You Understand Your Emotions, Live in the Present, and Connect Deeply with Others" by Paul Gilbert and Choden

# LIST OF SUBJECTS FOR HONORS DEGREE IN SPIRITUAL PHILOSOPHY

| **Synthesis of science, religion and philosophy** | scheme | L | T | P | credit |
|---|---|---|---|---|---|
| | | 3 | 1 | 0 | 4 |

## 1. Course Outcomes(COs)::

At the end of the students will be able to:

| | |
|---|---|
| CO1 | Understand the historical development and evolution of science, religion, and philosophy. |
| CO2 | Analyze key philosophical and theological responses to scientific discoveries. |
| CO3 | Explore ethical and moral implications arising from the intersection of these disciplines. |
| CO4 | Develop critical thinking skills to evaluate complex issues at the nexus of science, religion, and philosophy. |
| CO5 | Cultivate an interdisciplinary perspective on contemporary debates and challenges. |

## 2. Syllabus::

**MODULE-1::** **(10 Hours)**

Introduction to Science, Religion, and Philosophy::Definitions and scope of science, religion, and philosophy, Historical overview of their interactions and conflicts

The Scientific Revolution:: Contributions of Copernicus, Galileo, and Newton, Response of religious and philosophical authorities

Philosophy of Science::Scientific realism vs. instrumentalism, Thomas Kuhn's theory of scientific revolutions

**MODULE-2::** **(12 Hours)**

Theology and Cosmology::Big Bang theory and religious responses, Evolution and creationism/intelligent design debates

Ethics and Morality:: Ethical implications of scientific advancements (e.g., genetic engineering, AI), Religious and philosophical perspectives on moral decision-making

Epistemology: Ways of Knowing:: Rationalism, empiricism, and intuition in science and philosophy,Religious epistemologies and the role of revelation

**MODULE-3::** **(10 Hours)**

Mind and Consciousness:: Neuroscientific perspectives on consciousness, Philosophy of mind and implications for religious and spiritual experiences

Environmental Ethics:: Stewardship vs. dominion in religious and philosophical ethics, Scientific perspectives on environmental sustainability

**MODULE-4::** **(12 Hours)**

Dialogue Between Science and Religion:: Ian Barbour's models of interaction (e.g., conflict, independence, dialogue), Contemporary approaches to integrating science and spirituality

Philosophy of Religion:: Arguments for and against the existence of God, Religious pluralism and inclusivism in a scientific age

Quantum Mechanics and Metaphysics::Quantum indeterminacy and philosophical implications, Spiritual interpretations of quantum mechanics

**MODULE-5::** **(12 Hours)**

Ethics of Emerging Technologies:: CRISPR-Cas9 and genetic editing ethics, Ethical considerations in AI development

Bioethics and Medical Ethics:: End-of-life issues and religious perspectives, Ethics of healthcare allocation and access

Future Directions and Synthesis:: Emerging trends in interdisciplinary studies, Personal reflections on the course journey and final projects

## 3. Books Recommended::


1. "Science and Religion: A Very Short Introduction" by Thomas Dixon
2. "Philosophy of Science: A Very Short Introduction" by Samir Okasha
3. "Theology: The Basics" by Alister E. McGrath

## LIST OF SUBJECTS FOR HONORS DEGREE IN SPIRITUAL PHILOSOPHY

| **Modern era of spiritual philosophy** | scheme | L | T | P | credit |
|---|---|---|---|---|---|
| | | 3 | 1 | 0 | 4 |

## 1. Course Outcomes(COs)::

At the end of the students will be able to:

| | |
|---|---|
| CO1 | Explore the evolution of spiritual thought from the Enlightenment to the present day. |
| CO2 | Analyze the intersection of spiritual philosophy with modernity, science, and cultural shifts. |
| CO3 | Critically engage with philosophical texts and primary sources that shape contemporary spiritual discourse. |
| CO4 | Examine the influence of modern spiritual philosophies on ethics, social justice, and personal development. |
| CO5 | Reflect on the relevance of spiritual philosophy in addressing contemporary challenges and existential questions. |

## 2. Syllabus::

**MODULE-1::** **(12 Hours)**

Introduction to Modern Spiritual Philosophy:: Definition and scope of spiritual philosophy in the modern era, Historical overview of spiritual movements and thinkers

Enlightenment and the Rise of Rationalism:: Rationalism vs. empiricism in philosophical thought, Influence of Enlightenment ideals on spiritual philosophy

Romanticism and Transcendentalism:: Romantic reaction to Enlightenment rationalism, Transcendentalism in American philosophy (e.g., Emerson, Thoreau)

**MODULE-2::** **(10 Hours)**

German Idealism and Phenomenology:: Hegel's dialectical philosophy and its spiritual implications, Phenomenology and existentialism (e.g., Husserl, Heidegger)
Eastern Influences in Western Thought:: Introduction to Eastern philosophies in the West (e.g., Vedanta, Zen Buddhism), Theosophy and the Eastern spiritual revival in the West
Existentialism and Absurdism:: Existential angst and the search for meaning (e.g., Kierkegaard, Nietzsche), Camus and Sartre on existential freedom and responsibility

**MODULE-3::** **(12 Hours)**

Mysticism and Modern Spiritual Practices:: Mystical experiences in the modern context (e.g., Aldous Huxley, William James), The revival of interest in contemplative practices (e.g., mindfulness, yoga)
New Age and Esoteric Movements:: The New Age movement and its philosophical underpinnings, Esoteric traditions and their influence on modern spiritual thought
Ethics and Social Justice:: Ethical frameworks in modern spiritual philosophies, Contributions to social justice movements (e.g., Martin Luther King Jr., Gandhi)

**MODULE-4::** **(12 Hours)**

Ecological and Environmental Philosophy:: Spiritual perspectives on ecology and sustainability, Deep ecology and the ethics of interconnectedness
Feminist and Postcolonial Critiques:: Feminist perspectives on spirituality and religion, Postcolonial critiques of Western spiritual appropriation
Science and Spirituality:: Dialogue between science and spiritual philosophy, Quantum physics and consciousness studies

**MODULE-5::** **(10 Hours)**

Globalization and Spirituality:: Globalization's impact on spiritual practices and philosophies, Interfaith dialogue and pluralism in the modern world
Emerging trends in modern spiritual philosophy

## 3. Books Recommended::

1. "The Varieties of Religious Experience" by William James
2. "Spiritual Ecology: The Cry of the Earth" edited by Llewellyn Vaughan-Lee
3. "The Perennial Philosophy" by Aldous Huxley

# LIST OF SUBJECTS FOR MINORS DEGREE IN UNIVERSAL HUMAN VALUES

| **Introduction to Universal human values** | scheme | L | T | P | credit |
|---|---|---|---|---|---|
| | | 3 | 1 | 0 | 4 |

## 1. Course Outcomes(COs)::

At the end of the students will be able to:

| | |
|---|---|
| CO1 | Understand the concept of universal human values and their importance in diverse cultures. |
| CO2 | Analyze the ethical frameworks that support universal values in personal and professional life. |
| CO3 | Explore the psychological aspects of value formation and decision-making. |
| CO4 | Develop critical thinking skills to evaluate ethical dilemmas and moral reasoning. |
| CO5 | Apply universal human values to promote social responsibility and ethical leadership. |

## 2. Syllabus::

**MODULE-1::** **(10 Hours)**

Introduction to Human Values::Definition and scope of universal human values, Historical overview of values across cultures and civilizations

Philosophical Foundations of Human Values::Classical philosophical perspectives on ethics (e.g., virtue ethics, utilitarianism, deontology), Comparative analysis of Eastern and Western ethical traditions

Psychological Perspectives on Values:: Value formation and development theories (e.g., Kohlberg's stages of moral development), Moral reasoning and decision-making processes

**MODULE-2::** **(12 Hours)**

Universal Human Values: Truth and Integrity:: Importance of truthfulness and integrity in personal and professional life, Case studies on ethical integrity and its impact on trust

Justice and Fairness:: The concept of justice in different cultural contexts, Social justice movements and their ethical foundations

Compassion and Empathy:: Psychological benefits of compassion and empathy, Practical exercises in developing compassionate behavior

**MODULE-3::** **(10 Hours)**

Freedom and Responsibility:: Balancing individual freedom with social responsibility, Ethical implications of personal and collective decision-making

Respect and Diversity:: Cultural diversity and ethical respect, Dialogue on intercultural communication and ethical considerations
Environmental Ethics:: Ethical perspectives on environmental sustainability, Role of values in addressing global environmental challenges

**MODULE-4::** **(12 Hours)**
Leadership and Ethical Decision-Making:: Ethical leadership principles and practices, Case studies on ethical dilemmas in leadership roles
Technology and Ethics:: Ethical implications of technology (e.g., AI, biotechnology), Privacy, data ethics, and societal impacts
Ethics in Professional Practice:: Ethical codes and standards in various professions (e.g., medicine, business, engineering), Ethical decision-making frameworks in professional contexts

**MODULE-5::** **(12 Hours)**
Global Citizenship and Ethical Engagement:: Promoting human rights and social justice globally, Role of education in fostering ethical citizenship
Integration and Applications:: Personal reflections on universal human values, Final projects or presentations on applying values in real-world contexts

## 3. Books Recommended::


1. "Ethics: Theory and Contemporary Issues" by Barbara MacKinnon and Andrew Fiala
2. "Justice: What's the Right Thing to Do?" by Michael J. Sandel
3. "The Value of Everything: Making and Taking in the Global Economy" by Mariana Mazzucato

# LIST OF SUBJECTS FOR MINORS DEGREE IN UNIVERSAL HUMAN VALUES

| Human values in various philosophies | scheme | L | T | P | credit |
|---|---|---|---|---|---|
| | | 3 | 1 | 0 | 4 |

## 1. Course Outcomes(COs)::

At the end of the students will be able to:

| | |
|---|---|
| CO1 | Understand the concept of human values and their significance in different philosophical traditions. |
| CO2 | Analyze ethical and moral principles from major Eastern and Western philosophical perspectives. |
| CO3 | Explore how human values influence personal behavior, societal norms, and global interactions. |
| CO4 | Develop critical thinking skills to evaluate philosophical texts and apply ethical principles to contemporary issues. |
| CO5 | Reflect on the relevance of diverse philosophical values in fostering global citizenship and ethical leadership. |

## 2. Syllabus::

**MODULE-1::** **(12 Hours)**

Introduction to Human Values in Philosophy:: Definition and scope of human values, Overview of major philosophical traditions (Eastern and Western)

Ancient Greek Philosophy: Virtue Ethics:: Aristotle's virtue ethics and the concept of eudaimonia, Stoic ethics and the pursuit of wisdom and virtue

Western Ethics: Deontology and Utilitarianism::Kantian deontology and the categorical imperative, Mill's utilitarianism and the principle of utility

**MODULE-2::** **(10 Hours)**

Existentialism and Human Values:: Sartrean existentialism and freedom, Camus' philosophy of the absurd and moral responsibility

Buddhist Ethics: The Middle Way:: The Four Noble Truths and the Eightfold Path, Ethics of compassion (Karuna) and non-harm (Ahimsa)

Hindu Philosophy: Dharma and Karma:: Concept of dharma in Hinduism and its ethical implications, Karma theory and moral responsibility

**MODULE-3::** **(12 Hours)**

Confucian Ethics: Ren and Li:: Confucius' teachings on ren (benevolence) and li (ritual propriety), Confucian virtues and social harmony
Taoist Philosophy: Wu Wei and Harmony:: Taoist ethics and the concept of wu wei (effortless action), Harmony with nature and ethical spontaneity
Islamic Ethics: Maqasid al-Shariah:: Maqasid al-Shariah (Objectives of Islamic Law) and ethical values, Islamic virtues and the moral framework of Shariah

**MODULE-4::** **(12 Hours)**

Comparative Ethics: East Meets West:: Comparative analysis of ethical principles across philosophical traditions, Ethical pluralism and global ethics
Feminist Ethics and Human Values:: Feminist perspectives on care ethics and relational values, Gender, justice, and ethical decision-making
Environmental Ethics: Ecocentrism vs. Anthropocentrism:: Environmental ethics in philosophical traditions, Sustainability, stewardship, and ethical responsibility

**MODULE-5::** **(10 Hours)**

Ethics in a Globalized World:: Ethics of globalization and cultural diversity, Global citizenship and ethical dilemmas in a multicultural society
Integration and Applications:: Personal reflections on human values and philosophical insights, Final projects or presentations on applying values in real-world contexts

## 3. Books Recommended::

1. "Ethics: History, Theory, and Contemporary Issues" by Steven M. Cahn
2. "A History of Western Philosophy" by Bertrand Russell
3. "The Bhagavad Gita" translated by Eknath Easwaran
4. "The Analects of Confucius" translated by Arthur Waley

# LIST OF SUBJECTS FOR MINORS DEGREE IN UNIVERSAL HUMAN VALUES

| **Holistic Human psychology** | scheme | L | T | P | credit |
|---|---|---|---|---|---|
| | | 3 | 1 | 0 | 4 |

## 1. Course Outcomes(COs)::

At the end of the students will be able to:

| | |
|---|---|
| CO1 | Understand the principles and practices of holistic psychology. |
| CO2 | Analyze the mind-body-spirit connection in psychological well-being. |
| CO3 | Explore alternative therapies and practices (e.g., mindfulness, yoga, meditation) in promoting mental health. |
| CO4 | Critically evaluate holistic approaches to psychological assessment and treatment. |
| CO5 | Apply holistic principles to personal growth and professional development. |

## 2. Syllabus::

**MODULE-1::** **(10 Hours)**

Introduction to Holistic Psychology::Definition and scope of holistic psychology, Historical overview and development of holistic approaches

Mind-Body Connection:: Psychoneuroimmunology (PNI) and the impact of thoughts and emotions on health, Holistic perspectives on stress management and resilience

Eastern Philosophies and Psychology:: Introduction to Eastern psychological traditions (e.g., Ayurveda, Traditional Chinese Medicine), Mindfulness and meditation practices for psychological well-being

**MODULE-2::** **(12 Hours)**

Western Holistic Approaches:: Humanistic psychology and the holistic view of the person (e.g., Carl Rogers, Abraham Maslow), Transpersonal psychology and spiritual dimensions of human experience

Integrative Medicine and Psychology:: Complementary and alternative therapies (e.g., acupuncture, aromatherapy), Biofeedback and neurofeedback in holistic treatment

Holistic Assessment Techniques:: Integrative assessment models (e.g., biopsychosocial-spiritual assessment), Case studies on holistic treatment planning

**MODULE-3::** **(10 Hours)**

Holistic Therapeutic Techniques:: Expressive arts therapy and creative approaches, Movement therapies (e.g., dance therapy, yoga therapy)
Nutrition and Mental Health:: Nutritional psychology and the impact of diet on mental well-being, Holistic approaches to eating disorders and disordered eating
Ecotherapy and Environmental Psychology:: Connection between nature and psychological health, Ecopsychology and healing through environmental consciousness

**MODULE-4::** **(12 Hours)**
Spirituality and Personal Growth:: Role of spirituality in holistic psychology, Practices for cultivating spiritual well-being (e.g., prayer, contemplation)
Holistic Approaches to Trauma and Healing::Trauma-informed care and holistic interventions, Mind-body techniques for trauma resolution
Ethics in Holistic Practice:: Ethical considerations in integrating holistic approaches with conventional psychology, Professional boundaries and scope of practice

**MODULE-5::** **(12 Hours)**
Global Perspectives on Holistic Psychology:: Cultural diversity and holistic healing traditions, Global health disparities and holistic interventions
Integration and Applications:: Personal reflections on holistic psychology and professional development, Final projects or presentations on applying holistic principles in practice

## 3. Books Recommended::

1. "The Handbook of Humanistic Psychology" edited by Kirk J. Schneider and James F. T. Bugental
2. "The Body Keeps the Score: Brain, Mind, and Body in the Healing of Trauma" by Bessel van der Kolk
3. "The Web That Has No Weaver: Understanding Chinese Medicine" by Ted J. Kaptchuk

# LIST OF SUBJECTS FOR MINORS DEGREE IN UNIVERSAL HUMAN VALUES

| **United society & Harmony in nature** | scheme | L | T | P | credit |
|---|---|---|---|---|---|
| | | 3 | 1 | 0 | 4 |

## 1. Course Outcomes(COs)::

At the end of the students will be able to:

| | |
|---|---|
| CO1 | Understand the concepts of united society and harmony in nature. |
| CO2 | Analyze the relationship between societal cohesion and environmental sustainability. |
| CO3 | Explore global perspectives and case studies on successful societal-environmental integration. |
| CO4 | Develop critical thinking skills to evaluate policies and practices promoting unity and environmental harmony. |
| CO5 | Apply principles learned to propose solutions for achieving sustainable development goals. |

## 2. Syllabus::

**MODULE-1::** **(12 Hours)**

Introduction to United Society & Harmony in Nature:: Definitions and scope of societal unity and environmental harmony, Historical overview of societal-environmental interactions

Societal Cohesion and Cultural Diversity:: Theories of societal cohesion and community building, Cultural perspectives on unity and diversity

Environmental Ethics and Philosophy:: Ethical frameworks for environmental stewardship, Philosophical perspectives on humanity's relationship with nature

**MODULE-2::** **(12 Hours)**

Global Environmental Challenges:: Climate change, biodiversity loss, and their societal impacts, Case studies on international efforts for environmental conservation

Indigenous Knowledge and Ecological Wisdom:: Indigenous perspectives on nature and sustainability, Traditional ecological knowledge and its relevance in modern environmentalism

Sustainable Development Goals (SDGs):: Overview of the SDGs and their relevance to societal-environmental integration, Case studies on SDG implementation and progress

**MODULE-3::** **(10 Hours)**

Eco-friendly Technologies and Innovations:: Green technologies for sustainable living (e.g., renewable energy, eco-friendly architecture), Innovations in agriculture and water management for environmental sustainability

Urban Planning and Sustainable Cities:: Principles of sustainable urban development, Smart cities and their impact on societal well-being and environmental sustainability

Corporate Social Responsibility (CSR) and Environmental Stewardship:: Role of businesses in promoting environmental sustainability, Case studies on corporate initiatives for societal-environmental harmony

**MODULE-4::** **(12 Hours)**

Community Engagement and Environmental Activism:: Grassroots movements and their impact on environmental policy, Strategies for promoting community involvement in sustainability efforts

Policy Frameworks for United Society & Harmony in Nature:: National and international policies promoting environmental conservation and social cohesion, Policy analysis and advocacy for sustainable development

Ethics and Leadership in Sustainability:: Ethical leadership in promoting societal unity and environmental stewardship, Personal and professional responsibilities in achieving sustainability goals

**MODULE-5::** **(10 Hours)**

Global Perspectives on United Society & Harmony in Nature:: Cross-cultural perspectives on societal-environmental integration, Case studies on successful models of united societies and harmonious relationships with nature

Integration and Applications::Personal reflections on the course content and its relevance to global challenges, Final projects or presentations on proposing solutions for achieving united societies and harmony in nature

## 3. Books Recommended::

1. "Environmental Ethics: An Overview for the Twenty-First Century" by Robin Attfield
2. "The Ecology of Commerce: A Declaration of Sustainability" by Paul Hawken
3. "Blessed Unrest: How the Largest Movement in the World Came into Being and Why No One Saw It Coming" by Paul Hawken

## The Integrated Personality Development Course - An Introduction
## Course-Content/IPDC Syllabus:

IPDC-1 is distributed across one semester and consists of 15 topics. Each topic will be 3 lecture hours per week, and therefore a total of 45 hours. In addition to the core lectures, one induction topic is recommended as shown in the below table.

| Lecture No. | Module & Subject | Subject Description | Hours |
|---|---|---|---|
| **IPDC-1** | | | |
| Intro | The Need for Values | Students will learn about the need for values as part of their holistic development to become successful in their many roles - as ambitious students, reliable employees, caring family members, and considerate citizens. | 3 |
| 1 | **Module:** Remaking Yourself<br>**Subject:** Restructuring Yourself | Students learn how self-improvement enables them to secure a bright future for themselves. They will learn 6 powerful thought processes that can develop their intellectual, physical, emotional, and spiritual quotients. | 3 |
| 2 | **Module:** Remaking Yourself<br>**Subject:** Power of Habit | Students will undergo a study of how habits work, the habits of successful professionals, and the practical techniques that can be used to develop good habits in their life. | 3 |
| 3 | **Module:** Learning from Legends<br>**Subject:** Tendulkar & Tata | Students will learn from the inspirational lives of India's two legends, Sachin Tendulkar and Ratan Tata. They will implement these lessons through relatable case studies. | 3 |
| 4 | **Module:** From House to Home<br>**Subject:** Listening & Understanding | Active listening is an essential part of academic progress and communication. Students will learn to listen with their eyes, ears, mind, and heart. | 3 |
| 5 | **Module:** Facing Failures<br>**Subject:** Welcoming Challenges | This lecture enables students to revisit the way in which they approach challenges. Through the study of successful figures such as Disney, Lincoln and Bachchan, students will learn to face difficulties through a positive perspective. | 3 |

| | | | |
|---|---|---|---|
| 6 | **Module:** Facing Failures<br>**Subject:** Significance of Failures | Failure is a student's daily source of fear, negativity, and depression. Students will be given the constructive skills to understand failure as a formative learning experience. | 3 |

| | | | |
|---|---|---|---|
| 7 | **Module:** My India My Pride<br>**Subject:** Glorious Past - Part 1 | India's ancient Rishis, scholars, and intellectuals have made tremendous contributions to the world, they developed an advanced, sophisticated culture and civilization which began thousands of years ago. Students will learn the importance of studying India's glorious past so that they could develop a strong passion and pride for our nation. | 3 |
| 8 | **Module:** My India My Pride<br>**Subject:** Glorious Past - Part 2 | Our ancient concepts can be used to seek revolutionary ideas and generate inspiration. Students will develop a deeper interest in India's Glorious Past – by appreciating the need to read about it, research it, write about it, and share it. | 3 |
| 9 | **Module:** Learning from Legends<br>**Subject:** A.P.J. Abdul Kalam | Dr Kalam's inspirational life displayed legendary qualities which apply to students (1) Dare to Dream (2) Work Hard (3) Get Good Guidance (4) Humility (5) Use Your Talents for the Benefit of Others | 3 |
| 10 | **Module:** Soft Skills<br>**Subject:** Networking & Leadership | Students are taught the means of building a professional network and developing a leadership attitude. | 3 |
| 11 | **Module:** Soft Skills<br>**Subject:** Project Management | Students will learn the secrets of project management through the Akshardham case study. They will then practise these skills through an activity relevant to student life. | 3 |
| 12 | **Module:** Remaking Yourself<br>**Subject:** Handling Social Media | Students will learn how social media can become addictive and they will imbibe simple methods to take back control. | 3 |

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| 13 | **Module:** Facing Failures<br>**Subject:** Power of Faith | Students will learn about the power and necessity of faith in our daily lives. | 3 |
| 14 | **Module:** From House to Home<br>**Subject:** Bonding the Family | Students will understand the importance of strong family relationships. They will learn how to overcome the generation gap and connect with their family more. | 3 |
| 15 | **Module:** Selfless Service<br>**Subject:** Seva | Students will learn that performing seva is beneficial to one's health, well-being, and happiness. It also benefits and inspires others. | 3 |

## IPDC References –

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| No. | Module | References |
|---|---|---|
| 1 | Facing Failures | 1. Thomas Edison's factory burns down, New York Times Archives, Page 1, 10/12/1914<br>2. Lincoln Financial Foundation, Abraham Lincoln's "Failures": Critiques, Forgotten Books, 2017<br>**3.** J.K. Rowling Harvard Commencement Speech \| Harvard University Commencement, 2008<br>4. Born Again on the Mountain: A Story of Losing Everything and Finding It Back, Arunima Sinha, Penguin, 2014<br>5. Failing Forward: Turning Mistakes Into Stepping Stones for Success, John C. Maxwell, Thomas Nelson, 2007<br>6. Steve Jobs: The Exclusive Biography Paperback, Walter Isaacson, Abacus, 2015<br>7. Failing Forward: Turning Mistakes Into Stepping Stones for Success, John C. Maxwell, Thomas Nelson, 2007 |
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| | | 6. In the Joy of Others: A Life-Sketch of Pramukh Swami Maharaj, Mohanlal Patel and BAPS Sadhus, Swaminarayan Aksharpith, 2013 |

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|---|---|---|
| 3 | My India My Pride | 1. Rishis, Mystics, and Heroes of India, Sadhu Mukundcharandas, Swaminarayan Aksharpith, 2011<br>2. Physics in Ancient India, Narayan Dongre, Shankar Nene, National Book Trust, 2016<br>3. The Rise of Civilization in India and Pakistan, Raymond Allchin, Bridget Allchin, Cambridge University Press, 1982<br>4. The Āryabhaṭīya of Āryabhaṭa: An Ancient Indian Work on Mathematics and Astronomy (1930), Walter Eugene Clark, University of Chicago Press, reprint, Kessinger Publishing, 2006 |
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| 7 | Selfless Service | 1. Open: An Autobiography, Andre Agassi, Vintage, 10 August 2010<br>2. The Physiological Power of Altruism [online], James Hamblin, The Atlantic, December 30, 2015, https://www.theatlantic.com/health/archive/2015/12/altruism-for-a-better-body/422280/ [last accessed June 10, 2020]<br>3. TBI Blogs: From Entrepreneurs to Doorkeepers, Everybody Serves with Love & Warmth at This Ahmedabad Café [online], The People Place Project, The Better India, May 29, 2017, https://www.thebetterindia.com/102551/small-way-serve-ahmedabad-seva-cafe/, [last accessed June 10, 2020] |

## The Integrated Personality Development Course - An Introduction

## Course-Content / IPDC Syllabus:

IPDC-2 is distributed across one semester and consists of 15 topics. Each topic will be 3 lecture hours per week, and therefore a total of 45 hours.

| IPDC-2 | | | |
|---|---|---|---|
| | **Module & Subject** | **Topic Description** | **Hrs** |
| 1 | **Module:** Remaking Yourself<br>**Subject:** Begin with the End in Mind | Students will learn to visualize their future goals and will structure their lives through smart goals to give themselves direction and ultimately take them to where they want to go. | 3 |
| 2 | **Module:** Remaking Yourself<br>**Subject:** Being Addiction-Free | Students will explore the detrimental effects of addictions on one's health, personal life, and family life. They will learn how to take control of their life by becoming addiction free. | 3 |
| 3 | **Module:** Selfless Service<br>**Subject:** Case Study: Disaster Relief | Students will apply previous lessons of seva, to analyze the case study of the Bhuj earthquake relief work. | 3 |
| 4 | **Module:** Soft Skills<br>**Subject:** Teamwork & Harmony | Students will learn the six steps of teamwork and harmony that are essential for students' professional and daily life. | 3 |
| 5 | **Module:** My India My Pride<br>**Subject:** Present Scenario | To implement the transformation of India from a developing country into a developed country it is necessary to have a value-based citizen. Students will see how the transformation to a greater India relies on the vision and efforts of themselves as youth. | 3 |
| 6 | **Module:** Learning from Legends<br>**Subject:** Leading Without Leading | Students will explore a new approach to leadership, through humility. | 3 |
| 7 | **Module:** My India My Pride<br>**Subject:** An Ideal Citizen – 1 | Students will learn that to become value-based citizens, they must first develop good values in their lives. They start by exploring the values of responsibility and integrity. | 3 |
| 8 | **Module:** My India My Pride<br>**Subject:** An Ideal Citizen – 2 | Students will learn that by developing the values of loyalty, sincerity, and punctuality; they become indispensable and can leave a strong impression. They will start developing these values by trying to keep perfection in every small task and by looking at the bigger picture. | 3 |

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| 9 | **Module:** Facing Failures<br>**Subject:** Timeless Wisdom for Daily Life | Students will learn the role wisdom plays in finding long-term stability. They will use ancient wisdom to solve their modern-day challenges. | 3 |
| 10 | **Module:** From House to Home<br>**Subject:** Forgive & Forget | Students will understand the importance and benefits that forgiveness plays in their personal and professional life. They will learn to apply this knowledge in realistic situations. | 3 |
| 11 | **Module:** Remaking Yourself<br>**Subject:** Stress Management | Students will learn to cope with current and future causes of stress. | 3 |
| 12 | **Module:** Remaking Yourself<br>**Subject:** Better Health Better Future | A healthy body prevents disease and stress; increases positivity, productivity, and brainpower. Students will learn to maintain good health through regular exercise, healthy eating habits, and regular and sufficient sleep. | 3 |
| 13 | **Module:** Learning from Legends<br>**Subject:** Words of Wisdom | A panel of learned and experienced mentors will personally answer practical questions that students face in their daily life. | 3 |
| 14 | **Module:** Soft Skills<br>**Subject:** Financial Planning | Students will develop a variety of practical financial skills that prepare them to become financially stable throughout their future careers. | 3 |
| 15 | **Module:** Remaking Yourself<br>**Subject:** Impact of Company | Students will understand that the type of company that we keep has a crucial role in determining who we are and who we will become. They will develop the ability to create a positive environment around them. | 3 |

## IPDC References –

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| No. | Module | References |
|---|---|---|
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