

**SNDT Women's University**  
**Annual Report 2022-23**

|           |                                                                    |                                                      |                                                                             |                   |
|-----------|--------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------|-------------------|
| <b>1.</b> | Name and Address of the Department / Institute / College           | <b>Usha Mittal Institute of Technology</b>           |                                                                             |                   |
| <b>2.</b> | Year of Establishment                                              | <b>1997</b>                                          |                                                                             |                   |
| <b>3.</b> | Name of the Director/ HOD/Principal                                | <b>-</b>                                             |                                                                             |                   |
|           | Name of the In-charge Director/ HOD/Principal                      | <b>Dr. Shikha Nema<br/>(Principal Addl. Charge)</b>  |                                                                             |                   |
| <b>4.</b> | Contact Details:                                                   | <b>022-26606040</b>                                  |                                                                             |                   |
|           | i. Tel. No. (O)                                                    |                                                      |                                                                             |                   |
|           | ii. Fax No                                                         | <b>----</b>                                          |                                                                             |                   |
|           | iii. E-mail                                                        | <a href="mailto:umit@sndt.ac.in">umit@sndt.ac.in</a> |                                                                             |                   |
|           | iv. Website                                                        | <a href="http://www.umit.ac.in">www.umit.ac.in</a>   |                                                                             |                   |
| <b>5.</b> | Details of the Degree/Diploma/Certificates (UG/PG) Programmes      | Name of the Programme                                | Year of starting                                                            | Aided/ Unaided    |
|           | .Name of the Degree/s                                              | <b>B. Tech</b>                                       | <b>1997</b>                                                                 | <b>Unaided</b>    |
|           |                                                                    | <b>M.Tech</b>                                        | <b>2013</b>                                                                 |                   |
|           | .Name of the Diploma/s                                             | <b>----</b>                                          | <b>----</b>                                                                 | <b>----</b>       |
|           | .Name of the Certificate Programme/s                               | <b>----</b>                                          | <b>----</b>                                                                 | <b>----</b>       |
|           | .Online Programmes offered (if any)                                | <b>----</b>                                          | <b>----</b>                                                                 | <b>----</b>       |
| <b>6.</b> | Details of physical infrastructure :<br>Add more rows if required. |                                                      |                                                                             |                   |
|           | classroom(s) / laboratory(s)                                       | Area (Sq. Ft)                                        | Laboratory(s)/ seminar hall/ girls common room/ ladies toilet/Gents Toilet/ | Area (Sq. Ft)     |
|           | Classroom 1                                                        | 750                                                  | Computer Laboratory                                                         | 2000              |
|           | Classroom 2                                                        | 750                                                  | Drawing Hall                                                                | 2000              |
|           | Classroom 3                                                        | 750                                                  | Total laborites 17                                                          | Each 750 (Sq. Ft) |
|           | Classroom 4                                                        | 750                                                  | Girls common room                                                           |                   |
|           | Classroom 5                                                        | 750                                                  | Ladies Toilet 5                                                             | Each 250          |
|           | Classroom 6                                                        | 750                                                  | Seminar hall                                                                | 750               |
|           | Classroom 7                                                        | 750                                                  |                                                                             |                   |
|           | Classroom 8                                                        | 750                                                  | Gents Toilet 5                                                              | Each 250          |
|           | Classroom 9                                                        | 750                                                  |                                                                             |                   |
|           | Classroom 10                                                       | 750                                                  |                                                                             |                   |
|           |                                                                    | 750                                                  |                                                                             |                   |
|           | Classroom 11                                                       | 750                                                  |                                                                             |                   |

|              |     |  |  |
|--------------|-----|--|--|
| Classroom 12 | 750 |  |  |
| Classroom 13 | 750 |  |  |
| Classroom 14 | 750 |  |  |
| Classroom 15 | 750 |  |  |
|              |     |  |  |

| 7. | Details of the Intake Capacity<br>Name of the Degree/Diploma Programme | Intake refers only to first year (and in case on B Tech, MCA first year and second year )<br>Intake capacity for |           |         |       |
|----|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------|---------|-------|
|    |                                                                        | UG                                                                                                               | PG        | M. Phil | Ph.D. |
|    | <b>B.Tech</b>                                                          | <b>300</b>                                                                                                       | --        | --      | --    |
|    | <b>M.Tech</b>                                                          | --                                                                                                               | <b>27</b> | --      | --    |
|    |                                                                        |                                                                                                                  |           |         |       |

**8. Details of the Admissions for the year 2022-23 (Total admissions in your department/colleges)**

**8.1 Category wise data**

| Name of the Degree/Diploma Programme | Category wise |            |           |           |            |           |
|--------------------------------------|---------------|------------|-----------|-----------|------------|-----------|
|                                      | Open          | SC         | ST        | NTDT      | OBC        | SBC       |
| <b>Undergraduate</b>                 | <b>661</b>    | <b>138</b> | <b>05</b> | <b>96</b> | <b>244</b> | <b>37</b> |
| <b>Postgraduate</b>                  | ---           | ----       | ----      | ----      | ----       | ----      |
| <b>Ph.D.</b>                         | ---           | ----       | ----      | ----      | ----       | ----      |

**8.2 Year wise data**

| Degree/Diploma Programme | Name of the Programme | Year wise |         |          |         |             |
|--------------------------|-----------------------|-----------|---------|----------|---------|-------------|
|                          |                       | Year I    | Year II | Year III | Year IV | Total       |
| Certificate              | --                    | --        | --      | --       | --      | --          |
| Diploma                  | --                    | --        | --      | --       | --      | --          |
| Undergraduate degree     | B.Tech                | 329       | 346     | 332      | 174     | <b>1181</b> |
| Postgraduate Diploma     | --                    | --        | --      | --       | --      | --          |

|                     |        |    |    |    |    |           |
|---------------------|--------|----|----|----|----|-----------|
| Postgraduate degree | M.Tech | -- | -- | -- | -- | --        |
| Ph.D.               | Ph.D.  | 01 | -- | -- | -- | <b>01</b> |

**9. Details of the Scholarships received by the students in the year 2022-23**

| Sr. No. | Name of the Scholarship/ Fellowship received by the students                                   | Number of students receiving | Name of the organization/Ministry/ Department awarding scholarship/Fellowship<br><br>(use separate row for each fellowship/ scholarship) | Total amount |
|---------|------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 1       | Government of India Post-Matric Scholarship                                                    | 29                           | Social Justice and Special Assistance Department                                                                                         | 1,07,004     |
| 2       | Post-Matric Tuition Fee and Examination Fee ( Freeship)                                        | 32                           | Social Justice and Special Assistance Department                                                                                         | 96,000       |
| 3       | Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavrutti Yojna(EBC)                    | 173                          | Directorate of Technical Education                                                                                                       | 52,53,972    |
| 4       | Post Matric Scholarship to OBC Students                                                        | 36                           | OBC, SEBC, VJNT & SBC Welfare Departmen                                                                                                  | 2,06,617     |
| 5       | Tuition Fees and Examination Fees to OBC Student                                               | 69                           | OBC, SEBC, VJNT & SBC Welfare Departmen                                                                                                  | 1,50,441     |
| 6       | Post Matric Scholarship to SBC Students                                                        | 7                            | OBC, SEBC, VJNT & SBC Welfare Departmen                                                                                                  | 40,176       |
| 7       | Tuition Fees and Examination Fees to SBC Student                                               | 13                           | OBC, SEBC, VJNT & SBC Welfare Departmen                                                                                                  | 74,612       |
| 8       | Post Matric Scholarship to VJNT Students                                                       | 12                           | OBC, SEBC, VJNT & SBC Welfare Departmen                                                                                                  | 60,660       |
| 9       | Tuition Fees and Examination Fees to VJNT Student                                              | 27                           | OBC, SEBC, VJNT & SBC Welfare Departmen                                                                                                  | 81,000       |
| 10      | Scholarship for students of minority communities pursuing Higher and Professional courses(DTE) | 10                           | Directorate of Technical Education                                                                                                       | 5,00,000     |

**10. Details of the Faculty members as on May 31, 2023**

| <b>S. N.</b> | <b>Name of the Faculty Member</b> | <b>Qualification</b> | <b>Subject of teaching</b> | <b>Designation</b>       | <b>Nature of appointment<br/>Permanent/Adhoc / CHB</b> | <b>Category<br/>Open/Reserved</b> | <b>Date of appointment</b> |
|--------------|-----------------------------------|----------------------|----------------------------|--------------------------|--------------------------------------------------------|-----------------------------------|----------------------------|
| 1.           | Prof. Shikha Nema                 | Ph.D.                | ENC                        | Principal (Addl. Charge) | Permanent                                              | OPEN                              | 15/06/2012                 |
| 2.           | Dr. Kavita Mhatre                 | Ph.D.                | ENC                        | Asso. Prof.              | Permanent                                              | OPEN                              | 01/12/2000                 |
| 3.           | Dr. Santoshi Pote                 | Ph.D.                | ENC                        | Asso. Prof.              | Permanent                                              | SC                                | 01/11/2007                 |
| 4.           | Dr. Seema Hanchate                | Ph.D.                | ENC                        | Asst. Prof.              | Permanent                                              | OPEN                              | 02/01/2008                 |
| 5.           | Mr. Bharat Patil                  | M.E.                 | ENC                        | Asst. Prof.              | Permanent                                              | SC                                | 01/11/2000                 |
| 6.           | Mr. Ajay Lahane                   | M.E.                 | ENC                        | Asst. Prof.              | Permanent                                              | OBC                               | 01/11/2000                 |
| 7.           | Mr. Yashwant Kale                 | M.E.                 | ENC                        | Asst. Prof.              | Permanent                                              | OPEN                              | 29/12/2000                 |
| 8.           | Ms. Kiran Dange                   | M.E.                 | ENC                        | Asst. Prof.              | Permanent                                              | SC                                | 13/10/2003                 |
| 9.           | Ms. Kumud Wasnik                  | M.E.                 | CST                        | Asst. Prof.              | Permanent                                              | SC                                | 01/02/1999                 |
| 10.          | Mr. Narendra Gawai                | M.E.                 | CST                        | Asst. Prof.              | Permanent                                              | SC                                | 01/02/1999                 |
| 11.          | Mr. Sumedh Pundkar                | M.E.                 | CST                        | Asst. Prof.              | Permanent                                              | SC                                | 06/11/2000                 |
| 12.          | Dr. Rachana Dhannawat             | Ph.D.                | CST                        | Asst. Prof.              | Permanent                                              | OPEN                              | 12/12/2005                 |
| 13.          | Dr. Sanjay Shitole                | Ph.D.                | IT                         | Asso. Prof.              | Permanent                                              | OPEN                              | 01/12/2004                 |
| 14.          | Ms. Prachi Dhannawat              | M.E.                 | IT                         | Asst. Prof.              | Permanent                                              | OPEN                              | 13/10/2003                 |
| 15.          | Dr. Anita Morey                   | Ph.D.                | IT                         | Asst. Prof.              | Permanent                                              | SC                                | 20/10/2003                 |
| 16.          | Ms. Sujata Kullur                 | M.E.                 | IT                         | Asst. Prof.              | Permanent                                              | NT                                | 11/11/2003                 |
| 17.          | Mr. Mohan Bonde                   | M.E.                 | IT                         | Asst. Prof.              | Permanent                                              | OBC                               | 17/11/2003                 |
| 18.          | Mr. Rajesh Kolte                  | M.Tech               | IT                         | Asst. Prof.              | Permanent                                              | OPEN                              | 03/12/2003                 |
| 19.          | Mr. Prakash Khelge                | M.Tech               | IT                         | Asst. Prof.              | Permanent                                              | OPEN                              | 01/09/2007                 |
| 20.          | Ms. Sharmila A. K.                | M.Sc.                | Applied Sci.               | Asst. Prof.              | Permanent                                              | OPEN                              | 13/03/1999                 |
| 21.          | Ms. Rajni Nair                    | M.Phil               | Applied Sci.               | Asst. Prof.              | Permanent                                              | OPEN                              | 03/10/2000                 |
| 22.          | Dr. Vilas Kharat                  | Ph.D.                | Applied Sci.               | Asst. Prof.              | Permanent                                              | SC                                | 21/11/2003                 |

|     |                           |       |                        |                     |           |      |            |
|-----|---------------------------|-------|------------------------|---------------------|-----------|------|------------|
| 23. | Dr. Jyothi Sequeira       | Ph.D. | Applied Sci.           | Asst. Prof.         | Permanent | OPEN | 20/08/2014 |
| 24. | Ms. Arundhati Mehendale   | M.E.  | Electronics            | Asst. Prof.         | Permanent | OPEN | 21/08/2014 |
| 25. | Ms. Poonam More           | M.E.  | Electronics and Comm.  | Asst. Prof.         | Adhoc     | SC   | 01/02/2023 |
| 26. | Ms. Sonali Bodekar        | M.E.  | Information Technology | Asst. Prof.         | Adhoc     | OBC  | 01/02/2023 |
| 27. | Mr. Manoj Ghag            | M.E.  | Mechanics              | Asst. Prof.         | Adhoc     | OPEN | 01/02/2023 |
| 28. | Ms. Merrine Solomen       | M.E.  | Data Science           | Asst. Prof.         | Adhoc     | OPEN | 01/02/2023 |
| 29. | Ms. Aarti Dharmani        | M.E.  | Data Science           | Asst. Prof.         | Adhoc     | OPEN | 01/02/2023 |
| 30. | Ms. Ankita Umale          | M.E.  | Computer Engineering   | Asst. Prof.         | Adhoc     | OPEN | 01/02/2023 |
| 31. | Ms. Iffat Kazi            | M.E.  | Computer Engineering   | Asst. Prof.         | Adhoc     | OPEN | 01/02/2023 |
| 32. | Ms. Prajakta Gotarne      | M.E.  | Comp. Sci. and Tech.   | Asst. Prof.         | Adhoc     | OBC  | 01/02/2023 |
| 33. | Ms. Pratibha Mahakal      | M.E.  | Electronics and Comm.  | Asst. Prof.         | Adhoc     | VJ-A | 01/02/2023 |
| 34. | Ms. Vanashree Ramteke     | M.E.  | Information Technology | Asst. Prof.         | Adhoc     | SC   | 01/02/2023 |
| 35. | Ms. Toshi Jain            | M.E.  | Computer Engineering   | Asst. Prof.         | Adhoc     | OPEN | 01/02/2023 |
| 36. | Mr. Amol Muley            | M.E.  | Computer Engineering   | Asst. Prof.         | Adhoc     | OBC  | 01/02/2023 |
| 37. | Ms. Monica Charate        | M.E.  | Comp. Sci. and Tech.   | Asst. Prof.         | Adhoc     | SC   | 01/02/2023 |
| 38. | Dr. Sushama Sreshtha      | Ph.D. | Mathematics            | Asst. Prof.         | Adhoc     | OPEN | 01/02/2023 |
| 39. | Ms. Poonam Dharpawar      | M.E.  | Data Science           | Asst. Prof.         | Adhoc     | SC   | 01/02/2023 |
| 40. | Ms. Shraddha Rokade       | M.E.  | Computer Engineering   | Asst. Prof.         | Adhoc     | SC   | 01/02/2023 |
| 41. | Dr. Pravin Nikam          | Ph.D. | Physics                | Asst. Prof.         | Adhoc     | OPEN | 01/02/2023 |
| 42. | Mr. Sudhakar Yerme        | M.E.  | Computer Engineering   | Asst. Prof.         | Adhoc     | ST   | 01/02/2023 |
| 43. | Ms. Afreen Khan           | M.E.  | Data Science           | Asst. Prof.         | Adhoc     | OPEN | 01/02/2023 |
| 44. | Ms. Neha Athavale         | M.E.  | Electronics and Comm.  | Asst. Prof.         | Adhoc     | OPEN | 01/02/2023 |
| 45. | Dr. Akhilesh Kumar Pandey | Ph.D. | Electronics and Comm.  | Associate Professor | Adhoc     | OPEN | 01/02/2023 |

**10 a. No. of guest faculty invited during the year:**

(Those who are invited as experts to conduct one or two session)

| Name of the Guest Faculty   | Details about position held/Distinguished nature                                                                                                                 |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Dr. Virendra Sule        | Professor, IIT Mumbai                                                                                                                                            |
| 2. Dr. Kamal Murai          | Tata Institute of Social Science.                                                                                                                                |
| 3. Mr. Sumit Sen,           | Chief Executive, GISE Hub, IITB Mumbai                                                                                                                           |
| 4. Dr. Amiya Kumar Tripathi | Professor in Computer Engineering and Dean (Research & Development) at Don Bosco Institute of Technology, Mumbai.                                                |
| 5. Tejas Shyam              | Entrepreneur and IIT alumnus                                                                                                                                     |
| 6. Yogesh Borhade           | Freespace                                                                                                                                                        |
| 7. Mr Dinesh Yadav          | IES officer of the batch of 2000 and Senior Administrative Officer and Chief Communication Engineer (CCE) and Head Telecom department of Central railways graced |
| 8.                          |                                                                                                                                                                  |

#### 11. Details of the Non-Teaching Staff as on May 31, 2023

| Sr. No. | Name of the Employee    | Designation          | Nature of appointment | Date of Appointment | Category |
|---------|-------------------------|----------------------|-----------------------|---------------------|----------|
| 1.      | Shri. Gajanan Joshi     | Assistant Accountant | Permanent             | 18/12/2014          | OPEN     |
| 2.      | Ms. Ateya B. Kasmani    | Sr. Clerk            | Permanent             | 01/06/1998          | OPEN     |
| 3.      | Smt. Hansa B. Gosavi    | Sr. Clerk            | Permanent             | 09/09/1998          | SC       |
| 4.      | Mr. Shreedhar S. Chavan | Data-Entry-Operator  | Permanent             | 05/05/1999          | OPEN     |
| 5.      | Mr. Vasant Kadam        | Clerk-cum-Typist     | Permanent             | 11/03/2014          | OPEN     |
| 6.      | Mr. Vinod Helgaonkar    | Clerk-cum-Typist     | Permanent             | 14/03/2014          | SC       |
| 7.      | Mr. Yogesh More         | Clerk-cum-Typist     | Permanent             | 10/09/2014          | OPEN     |
| 8.      | Mr. Nagnath Malwatkar   | Clerk-cum-Typist     | Permanent             | 10/09/2014          | OPEN     |
| 9.      | Mr. Rajesh M. Gosavi    | Tech. Lab Asst.      | Permanent             | 14/09/1998          | NT       |
| 10.     | Mr. Subodh M. Chavan    | Laboratory Asst.     | Permanent             | 17/09/1997          | OPEN     |
| 11.     | Mr. Chandrakant Amale   | Laboratory Asst.     | Permanent             | 16/09/1997          | OBC      |
| 12.     | Mr. PrakashRane         | Library Attendant    | Permanent             | 03/11/1997          | OPEN     |
| 13.     | Mr. UdayKadam           | Laboratory Attendant | Permanent             | 08/09/1998          | OBC      |

|     |                       |                      |           |            |      |
|-----|-----------------------|----------------------|-----------|------------|------|
| 14. | Mr. Nitin A. Shinde   | Laboratory Attendant | Permanent | 09/09/1998 | OPEN |
| 15. | Mr. Rajesh Nanarkar   | Peon-cum-Lab Attd.   | Permanent | 16/09/1997 | OPEN |
| 16. | Mr. Gunaji A. Jadhav  | Peon-cum-Lab Attd.   | Permanent | 16/09/1997 | SC   |
| 17. | Mr. Pandurang Khamgal | Clerk-cum-typist     | Permanent | 20/08/2014 | ST   |
| 18. | Ms. DeeptiWarise      | Clerk-cum-typist     | Permanent | 23/07/2014 | OBC  |
| 19. | Ms. Megha Mahadik     | Accounts Assistant   | Temporary | 20/04/2022 | OPEN |
| 20. | Ms. Sana Tamboli      | Lab Assistant        | Temporary | 19/06/2017 | OPEN |
| 21. | Ms. SaritaTandel      | Lab Assistant        | Temporary | 17/07/2018 | OPEN |
| 22. | Ms. Trupti Yadav      | Clerk-cum-Typist     | Temporary | 20/04/2022 | OPEN |
| 23. | Ms. Urvashi Tailor    | Clerk-cum-Typist     | Temporary | 20/04/2022 | OPEN |
| 24. | Ms. SalmiDutta        | Temp. Sweeper        | Temporary | 06/01/2014 | OPEN |
| 25. | Ms. Varsha Amnekar    | Temp. Sweeper        | Temporary | 27/01/2020 | OPEN |
| 26. | Ms. Pramila Terwankar | Temp. Sweeper        | Temporary | 12/08/2018 | OPEN |
| 27. | Ms. Jayshree Shinde   | Temp. Sweeper        | Temporary | 10/02/2022 | OPEN |
| 28. | Shri. Sadashiv Parab  | Mali                 | Temporary | 01/10/2017 | OPEN |
| 29. | Shri. Suresh Bagwe    | Mali                 | Temporary | 19/05/2022 | OPEN |

**12. Academic Activities / State Level / National / International Level held by the College / Department/ Institute between June 1, 2023 to May 31, 2023**

**12.1 Organized during 2020-21**

| Sr. No. | Title of the Conference/ Seminar/Workshop | Date * and Venue | Sponsoring Agency | No. of Participants | international, national or state level |
|---------|-------------------------------------------|------------------|-------------------|---------------------|----------------------------------------|
| 1.      | A Beginners Guide to Project Development' | UMIT             |                   | 50                  | State                                  |

|    |                        |      |  |    |       |
|----|------------------------|------|--|----|-------|
| 2. | Workshop on blockchain | UMIT |  | 40 | State |
| 3. |                        |      |  |    |       |
| 4. |                        |      |  |    |       |

\* All dates should be stated in the following format only: May 31, 2016/ May 29-31, 2017/ April 23-May 4, 2017 (Month date, year)

**12.2 Organization of other events (event wise photos of size not more than 512 KB to be attached with heading.)**

| Sr. No. | Title of the Conference/ Seminar/Workshop | Date * and Venue | Sponsoring Agency | No. of Participants | international, national or state level |
|---------|-------------------------------------------|------------------|-------------------|---------------------|----------------------------------------|
| 1.      | STUDY ABROAD SEMINAR                      | March 6, 2022    | IDFC First Bank.  | 60                  | state                                  |
| 2.      |                                           |                  |                   |                     |                                        |
| 3.      |                                           |                  |                   |                     |                                        |
| 4.      |                                           |                  |                   |                     |                                        |
| 5.      |                                           |                  |                   |                     |                                        |

**13. Particulars of Faculty participation and papers presented (June 2022 to May 2023)**

| Sr. No. | Name of the Faculty member | Title of the Paper Presented                                         | Title of the Conference/Seminar                                             | Date and Venue of the Conference /Seminar and name of the Organizer (College, University, institution etc) | International, national or state level | If Chaired a session/ keynote speaker |
|---------|----------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------|
| 1.      | Dr. Rachana Dhannawat      | Sum Tool : A hybrid pipeline approach to summarise various resources | Third International Conference on Secure Cyber Computing and Communications | 27 May 2023<br>Organized by Dr B R Ambedkar National Institute of Technology, Jalandhar, Punjab (online)   | International                          |                                       |
| 2.      | Ms. Arundhati Mehendale    | 1.Speaker recognition system using                                   | 8th International Conference                                                | 01-03 December, 2022 at                                                                                    | IEEE                                   |                                       |

|    |                       |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                               |                                                                                                                                                           |                                                                              |  |
|----|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--|
|    |                       | CNN in noisy environment<br>2. Speaker recognition using Convolutional neural network                                                                                                                                                                                     | on Signal Processing and Communication (ICSC) NCR TET-22                                                                                                                                                                                                                                                      | Jaypee Institute of Information Technology, Noida, India<br>11th June, 2022, SATARA                                                                       |                                                                              |  |
| 3. | Kumud Wasnik          | 1. Land Administration system using Hyperledger Fabric<br>2. Online storage, Retrieval & Authentication of Healthcare Documents using Ethereum Blockchain<br>3. Cryptaxi-Decentralized Ride-hailing System using Blockchain<br>4. Fake Product Detection using Blockchain | IEEE Conference I C3SIS'22<br><br>International Conference on Blockchain and Distributed Systems Security<br><br>Journal of information and Computational Science<br><br>UGC-Care Group – II Certified Journal<br><br>International journal for Research in Applied science & Engineering Technology (IJRSET) | 3 <sup>rd</sup> -25th June 2022<br><br>September 16-18, 2022<br><br>April 2023<br><br>April 2023<br><br>Impact factor 7.429<br><br>Index copernicus 45.98 | International<br><br>International<br><br>International<br><br>International |  |
| 4. | Dr. Rachana Dhannawat | Sum Tool : A hybrid pipeline approach to summarise                                                                                                                                                                                                                        | Third International Conference on Secure Cyber Computing                                                                                                                                                                                                                                                      | 27 May 2023<br>Organized by Dr B R Ambedkar National Institute of                                                                                         | International                                                                |  |

|  |  |                   |                    |                                        |  |  |
|--|--|-------------------|--------------------|----------------------------------------|--|--|
|  |  | various resources | and Communications | Technology, Jalandhar, Punjab (online) |  |  |
|--|--|-------------------|--------------------|----------------------------------------|--|--|

**14. Particulars of Faculty participation in workshops conducted by the department/ College or by others outside SNDTWU (during June 2022 to May 2023)**

| Sr. No. | Name of the Faculty member | Title of the Workshop | Date and Venue of the Workshop and name of the Organizer (College, University, institution etc) | International, national or state level | If Resource Person (Conducted session) |
|---------|----------------------------|-----------------------|-------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------|
| 1.      |                            |                       |                                                                                                 |                                        |                                        |
| 2.      |                            |                       |                                                                                                 |                                        |                                        |
| 3.      |                            |                       |                                                                                                 |                                        |                                        |
| 4.      |                            |                       |                                                                                                 |                                        |                                        |

**15. Initiatives undertaken towards faculty development**

| Faculty / Staff Development Programmes         | Title of the programme | Dates | Number of faculty benefitted |
|------------------------------------------------|------------------------|-------|------------------------------|
| Refresher courses                              |                        |       |                              |
| UGC – Faculty Improvement Programme            |                        |       |                              |
| HRD programmes                                 |                        |       |                              |
| Orientation programmes                         |                        |       |                              |
| Faculty exchange programme                     |                        |       |                              |
| Staff training conducted by the university     |                        |       |                              |
| Staff training conducted by other institutions |                        |       |                              |
| Summer / Winter schools, Workshops, etc.       |                        |       |                              |
| Others (pl specify. May add rows)              |                        |       |                              |

**16. Details of the Publication of faculty as well as students during June 1, 2022 to May 31, 2023 / Patent/ Consultancy**

**16.1 Journal Articles (Pl see example below)**

Dr. Parul Zaveri

1. Digital library education at S.H.P.T. School of Library Science, S.N.D.T. Women's University, Mumbai. *International Journal of Information Research*, 1(4), June 2012, pp. 41-51. ISSN: 2249 8273

| Sr. No. | Name of the author/s                              | (Faculty and / or Student)                        | Title of the article                                                                           | Journal Title (National/International/other)                                  | Date of publication in the Journal | Volume No., Issue No., Pagination, ISSN No | Peer review/ e-journal/ refereed |
|---------|---------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------|--------------------------------------------|----------------------------------|
| 1.      | Anita Morey                                       | Anita Morey                                       | Regional Language Translator Using Neural Machine Translation                                  | International Journal of Current Engineering and Scientific Research (IJCESR) | June - 2022                        | ISSN(print) : 2393-8374, Vol-9, Issue-5    | Peer review                      |
| 2.      | Sanskriti Kushik, Irit Kushwah, Rachana Dhannawat | Sanskriti Kushik, Irit Kushwah, Rachana Dhannawat | Copyright Protection Using Block chain                                                         | International Journal of Innovative Research in Engineering                   | May 2023                           | ISSN:582-8746, Vol. 4, No. 3, PP: 533-536, | Peer review                      |
| 3.      | Ankita Umale                                      | Ankita Umale                                      | Vision-based outlier detection techniques in automated surveillance: a survey and future ideas | Multimedia Tools and Applications - Springer (SCI)                            | June 2023                          | Preprint DOI: 10.1007/s11042-023-15911-y   | Peer review                      |
| 4.      | Niksha Mahajan, Supriya Konar, Dr.                |                                                   | <b>Weather Monitoring System</b>                                                               | Published In JETIR , ISSN UGC Approved                                        | June-2023   Date of Publication    | Published in Volume 10 Issue 6 ,           | Peer Review                      |

|    |                                                     |  |                                                                                                                                  |                                                               |                                                                           |                                           |             |
|----|-----------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|-------------|
|    | Kavita Mhatre                                       |  |                                                                                                                                  |                                                               | n: 2023-06-20                                                             |                                           |             |
| 5. | <b>Arya More, Sabiha Siddiqi, Dr. Kavita Mhatre</b> |  | <b>Application based Door Lock System</b>                                                                                        | Published In JOIC                                             | SSN UGC Approved (Journal No:1548-7741)                                   | Published in Volume 13 Issue 5 , May-2023 | Peer Review |
| 6. | <u>P Nage, S Shitole, M Kokare</u> -                |  | <b>An intelligent approach for detection and grading of diabetic retinopathy and diabetic macular edema using retinal images</b> | Computer Methods in Biomechanics ..., 2023 - Taylor & Francis | Received 22 May 2022, Accepted 27 Dec 2022, Published online: 05 Jan 2023 | Published online: 05 Jan 2023             |             |
| 7. | P Nage, A Pandit, S Jeurkar, S Shitole              |  | <b>Diabetic Retinopathy Detection using Android Application</b>                                                                  | 2022 IEEE Bombay Section Signature Conference (IBSSC)         | 2022/12/8                                                                 |                                           |             |

### 16.2 Books (PI see example below)

Dr. Chitra Sohani

Constructivism and Teaching learning process. In Adhyana Adhyapan Prakriya (Teaching learning Process). Nasik: Insight Publication, September 2012. ISBN: 987-93-81354-32-2

| Sr. No. | Name of the author/s | (Faculty and / or Student) | Title of the book                   | Place of Publication | Publisher | Year of Publication, Pagination, ISBN No |
|---------|----------------------|----------------------------|-------------------------------------|----------------------|-----------|------------------------------------------|
| 1.      | Dr. Vilas Kharat     | Faculty                    | Research Methodology                | Mumbai               | SIPH      | 9789357570312                            |
| 2.      | Dr. Vilas Kharat     | Faculty                    | Entrepreneurship and small Business | Mumbai               |           | 9789356256781                            |
| 3.      |                      |                            |                                     |                      |           |                                          |

### 16.3 No. of Chapters in Edited book (PI see example below):

| Sr. No. | Name of the author/s | (Faculty and / or Student) | Title of the Chapter | Title of the book | Place of Publication | Publisher | Year of Publication, Pagination, ISBN No |
|---------|----------------------|----------------------------|----------------------|-------------------|----------------------|-----------|------------------------------------------|
| 1.      |                      |                            |                      |                   |                      |           |                                          |
| 2.      |                      |                            |                      |                   |                      |           |                                          |
| 3.      |                      |                            |                      |                   |                      |           |                                          |

### 16.4 Conference Proceedings (PI see example below)

Prof. Madhura Kesarkar and Dr. Jayshree Shinde

Evaluation of Learning Objects. In Proceedings of the Regional Symposium on Open Education Resources: An Asian Perspective on Policy and Practices, September 19-21,, 2012.

Available at [http://www.oerasia.org/symposium/OERAsia\\_Symposium\\_Penang\\_2012\\_Proceedings.pdf](http://www.oerasia.org/symposium/OERAsia_Symposium_Penang_2012_Proceedings.pdf)

| Sr. No. | Name of the author/s | (Faculty and / or Student) | Title of the Paper | Name and date of conference | Publisher and Place of Publication | Year of Publication, Pagination, ISBN No | If online then give link |
|---------|----------------------|----------------------------|--------------------|-----------------------------|------------------------------------|------------------------------------------|--------------------------|
| 1.      |                      |                            |                    |                             |                                    |                                          |                          |
| 2.      |                      |                            |                    |                             |                                    |                                          |                          |
| 3.      |                      |                            |                    |                             |                                    |                                          |                          |

### 16.5 Other Publications (PI see example below)

Dr. Mansi Rajhans

1. Punesthit Wayaskanmadhi Samadhan, Bhavananbhav ani Shaktisthan yancha Abhys. Manasshastra Patrika, November, 2012. pp. 5-9. (Marathi)

| Sr. No. | Name of the author/s | (Faculty and / or Student) | Title of the Paper/article/book | Publisher and Place of Publication | Year of Publication, Pagination, ISBN No | If online then give link |
|---------|----------------------|----------------------------|---------------------------------|------------------------------------|------------------------------------------|--------------------------|
| 1.      |                      |                            |                                 |                                    |                                          |                          |
| 2.      |                      |                            |                                 |                                    |                                          |                          |
| 3.      |                      |                            |                                 |                                    |                                          |                          |

### 17. Details of Research Projects during 01.06.2022 to 31.05.2023: (Faculty and Ph.D. students):

#### 17.1 Faculty research

| S. N. | Name of the Faculty member | Minor/ Major / Ph.D. or other | Title of the research project                                                     | Funding agency | Duration with Starting date. (and ending date in case of completed project) | Grant (Rs.) or cost of project | Status: Completed / ongoing/ Sanctioned / Submitted) |
|-------|----------------------------|-------------------------------|-----------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------|--------------------------------|------------------------------------------------------|
| 1.    | Dr. Santoshi Pote          | Minor                         | SKIN DISEASE CLASSIFICATION USING CNN                                             | SNDTWU         | 2 Years                                                                     | 75,000                         | ongoing                                              |
| 2.    | Dr. Seema Hanchate         | Minor                         | MOOD SYNC                                                                         | SNDTWU         | on going                                                                    | 75,000                         | ongoing                                              |
| 3.    | Mr. Bharat Patil           | Minor                         | WEATHER PREDICTION AND FORECASTING USING INTERNET OF THINGS AND MACHINE LEARNING. | SNDTWU         | 2 Years                                                                     | 75,000                         | ongoing                                              |

|     |                         |       |                                                                                   |        |          |         |         |
|-----|-------------------------|-------|-----------------------------------------------------------------------------------|--------|----------|---------|---------|
| 4.  | Ms. Merrine Solomen     | Minor | SKIN DISEASE CLASSIFICATION USING CNN                                             | SNDTWU | 2 Years  | 75,000  | ongoing |
| 5.  | Mr. Sumedh Pundkar      | Minor | Detecting and Preventing Credit Card Fraud using Machine Learning                 | SNDTWU | 2 years  | 25000   | ongoing |
| 6.  | Dr. Anita Morey         | Minor | E-Learning Application                                                            | SNDTWU | on going | 55000/- | ongoing |
| 7.  | Ms. Rajni Nair          |       |                                                                                   |        |          |         |         |
| 8.  | Dr. Vilas Kharat        |       |                                                                                   |        |          |         |         |
| 9.  | Ms. Arundhati Mehendale | Minor | WEATHER PREDICTION AND FORECASTING USING INTERNET OF THINGS AND MACHINE LEARNING. | SNDTWU | 2 Years  | 75,000  | ongoing |
| 10. | Ms. Poonam More         |       |                                                                                   |        |          |         |         |

## 17.2 Patents

| Patents published/awarded/applied during the year |                  |                                                                   |               |               |               |
|---------------------------------------------------|------------------|-------------------------------------------------------------------|---------------|---------------|---------------|
| Sr. No                                            | Teacher name     | Patent Details                                                    | Patent status | Patent Number | Date of Award |
|                                                   | Dr. Vilas Kharat | Deep learning and AI based analyzing data for business analytics. | Published     |               | 24/02/2023    |
|                                                   | Dr. Vilas Kharat | Women Entrepreneur's challenges, planning and strategy for        | Filed         |               |               |

|  |  |                                     |  |  |  |
|--|--|-------------------------------------|--|--|--|
|  |  | sustainable<br>rural<br>development |  |  |  |
|  |  |                                     |  |  |  |

### 17.3 Consultancy

| Details of Consultancy during the year |                                      |                                                           |                             |                              |                                      |
|----------------------------------------|--------------------------------------|-----------------------------------------------------------|-----------------------------|------------------------------|--------------------------------------|
| Sr. No.                                | Name of the Consultant(s) department | Name of the teachers involved in the consultancy activity | Name of consultancy project | Consulting/Sponsoring Agency | Revenue generated (amount in rupees) |
|                                        |                                      |                                                           |                             |                              |                                      |
|                                        |                                      |                                                           |                             |                              |                                      |

### 17.4 Student Research

#### Ph.D. guides in the Department:

| Sr. no. | Name of the Guide   | Internal/ External | Intake | No. of students registered | No. of students awarded degree in the year 2022-23 |  |
|---------|---------------------|--------------------|--------|----------------------------|----------------------------------------------------|--|
| 1       | Dr. Sanjay S. Pawar | Internal           |        | 01                         | 3                                                  |  |
| 2       | Dr. Shikha Nema     | Internal           |        | 02                         | 2                                                  |  |
|         | Dr. Sanjay Shitole  | Internal           |        | 04                         | -                                                  |  |

### 17.5 Ph.D. Students

| Sr. No. | Name of the Research Scholar | Name of the Guide | Date of registration | Title of the research study | Status: ongoing /Completed in the year 2022-23 (Date of notification) | Fellowship Received (if any) |             |
|---------|------------------------------|-------------------|----------------------|-----------------------------|-----------------------------------------------------------------------|------------------------------|-------------|
|         |                              |                   |                      |                             |                                                                       | Type and title of fellowship | Amount      |
| 1.      | Kaur Amarjeet                | Dr. Sasikumar     |                      | Artificial Intelligence     | ongoing                                                               |                              | Rs. 40000/- |

|    |                     |                    |                 |                                                                          |         |  |  |
|----|---------------------|--------------------|-----------------|--------------------------------------------------------------------------|---------|--|--|
| 2. | Jain Vijal V.       | Dr. Sanjay Shitole |                 |                                                                          | ongoing |  |  |
| 3. | Kale Rupali S.      | Dr. Sanjay Shitole |                 |                                                                          | ongoing |  |  |
| 4. | Kanade Dhanashri S. | Dr. Sanjay Shitole | March 2020-2019 |                                                                          | ongoing |  |  |
| 5. | Nage Pranoti D      | Dr. Sanjay Shitole | March 2020-2019 | A Novel Method for Detection and Grading of Ophthalmic disease screening | ongoing |  |  |
| 6. | Sanchali Khirsagar  | Dr. Sanjay Pawar   |                 | Design of IoT systems for 5G Applications                                | Ongoing |  |  |
| 7. | Aarti Dharmani      | Dr. Shikha Nema    |                 |                                                                          | Ongoing |  |  |

#### 17.6 PG Students Dissertation, internships and MOOCs

| Sr. No. | Name of the Program | Number of students in final year | Number of students opted for Research | Number of students opted for Internship | Number of students opted for MOOCs |
|---------|---------------------|----------------------------------|---------------------------------------|-----------------------------------------|------------------------------------|
|         |                     |                                  |                                       |                                         |                                    |
|         |                     |                                  |                                       |                                         |                                    |

#### 17.7 Internship (In the year 2022-23) [add more rows if need]

| <b>Sr. no.</b> | <b>Name of the organization</b>                    | <b>Type (Educational, Industry, organization etc.)</b> | <b>Paid/unpaid internship (If paid then amount of stipend)</b> | <b>No. of students</b> |
|----------------|----------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------|------------------------|
| 1.             | Centre for Development of Advanced Computing       | Industry                                               |                                                                | 05                     |
| 2.             | Rashtriya Chemicals and Fertilizer Ltd,            | Industry                                               |                                                                | 09                     |
| 3.             | GAIL India Ltd.                                    | Industry                                               |                                                                | 04                     |
| 4.             | Executive Director - Engg.                         | Industry                                               |                                                                | 05                     |
| 5.             | HRDD, BARC,                                        | Industry                                               |                                                                | 06                     |
| 6.             | The Personnel Manger, Siemens Ltd,                 | Industry                                               |                                                                | 10                     |
| 7.             | Metwiz Material Pvt.Ltd                            | Industry                                               |                                                                | 11                     |
| 8.             | Meraki by Sushma, Home Venture,Chakala Andheri (E) | Industry                                               |                                                                | 06                     |
| 9.             | Scad Technologies,Ka nchpada, Malad (W),           | Industry                                               |                                                                | 09                     |
| 10.            | Concerto Software and System Pvt Ltd,              | Industry                                               |                                                                | 10                     |
| 11.            | Ernst and Young LLP,Senapati Bapat Marg,Dadar (W), | Industry                                               |                                                                | 11                     |
| 12.            | Navkar Business Services,Lower Parel,Mumbai        | Industry                                               |                                                                | 12                     |
| 13.            | Esse Propack Limited, At -                         | Industry                                               |                                                                | 12                     |

|     |                                                                                |          |  |    |
|-----|--------------------------------------------------------------------------------|----------|--|----|
|     | Vadavali, Post –<br>Kudus,Tal –<br>Palghar,                                    |          |  |    |
| 14. | AVM<br>Systems,Sr.<br>Network Support<br>Engineer,Gorega<br>on (E),            | Industry |  | 12 |
| 15. | Commercial<br>Techical<br>Consulting LLp,<br>Joy Valencia, off<br>JVLR,        | Industry |  | 10 |
| 16. | Intellct<br>Engineering<br>Company, Vasai<br>(E),                              | Industry |  | 12 |
| 17. | Oil and Natural<br>Gas<br>Coorporation<br>(ONGC),NBP,<br>Green Heights<br>BKC, | Industry |  | 14 |
| 18. | India Tech Soft<br>Pvt Ltd,Pune –<br>411015.                                   | Industry |  | 02 |
| 19. | Mentored Minds<br>Pvt.<br>Kohtrud,Ltd,Pun<br>e - 411038.                       | Industry |  | 04 |
| 20. | Intellct<br>Engineering<br>Company,Vasai<br>(E),                               | Industry |  | 06 |
| 21. | Commercial<br>Techical<br>Consulting<br>LLp,Joy<br>Valencia, off<br>JVLR,      | Industry |  | 04 |

|     |                                                                                            |             |  |    |
|-----|--------------------------------------------------------------------------------------------|-------------|--|----|
|     |                                                                                            |             |  |    |
| 22. | Ammunition<br>Factory,Khadki,P<br>une – 411003.                                            | Industry    |  | 05 |
| 23. | Electronics<br>Testing<br>Enginerring,Man<br>pada Cross<br>Road,Dombivali<br>(E),          | Industry    |  |    |
| 24. | Arch Store Tech.<br>Solutions<br>Pvt,Matunga (E),                                          | Industry    |  | 01 |
| 25. | Wipro Ltd,<br>Powai, Mumbai                                                                | Industry    |  | 02 |
| 26. | Track2Training<br>(NGO),D-351,<br>Prem<br>Nagar,Delhi –<br>110086.                         | Industry    |  | 01 |
| 27. | FREE<br>SPACE,LBS<br>Road, Gandhi<br>Nagar,Vikhroli,<br>Mumbai-400079.                     | Industry    |  | 04 |
| 28. | Neural<br>Space,Neural<br>Space, 90York<br>Way,London,<br>UK.                              | Industry    |  | 01 |
| 29. | CHETNA, Centre<br>for Holistic<br>Education, SNT<br>Women's<br>Universityt,Pune<br>Campus. | Educational |  | 06 |

|     |                                                  |          |        |    |
|-----|--------------------------------------------------|----------|--------|----|
| 30. | The HR, Nerolac,<br>Lower parel,<br>Mumbai.      | Industry |        | 02 |
| 31. | KPMG India,<br>Goregaon,<br>Mumbai               | Industry | 10,000 | 02 |
| 32. | Freespace,<br>Vikhroli,<br>Mumbai.               | Industry | 15,000 | 02 |
| 33. | Analystt AI,<br>Andheri, Mumbai.                 | Industry | 3500   | 02 |
| 34. | General Electric,<br>Whitefield,<br>Bangalore.   | Industry | 40000  | 04 |
| 35. | Colgate Palmolive,<br>L&T, Powai<br>Mumbai.      | Industry | 20,000 | 02 |
| 36. | IEEE (Alhansat<br>Solution),<br>Mumbai.          | Industry |        | 02 |
| 37. | TATA POWER,<br>Lower Parel,<br>Mumbai.           | Industry | 8000   | 04 |
| 38. | Kamakshi<br>Plastics Pvt. Ltd,<br>Vasai, Mumbai. | Industry |        | 05 |
| 39. | Shyamal<br>Kapadiya's,<br>Borivali,<br>Mumbai.   | Industry | 15000  | 01 |
| 40. | Zeus Learning,<br>Lower Parel,<br>Mumbai.        | Industry | 20000  | 01 |

|     |                                                                                                          |          |       |    |
|-----|----------------------------------------------------------------------------------------------------------|----------|-------|----|
| 41. | TTBTE,<br>BKC,Mumbai,<br>India.                                                                          | Industry | 15000 | 02 |
| 42. | JP Morgan, Gate<br>No-5, Primabay,<br>Powai, Mumbai.                                                     | Industry | 70000 | 04 |
| 43. | HPE, Salarpuria<br>Aura, A-Block,<br>Kadubeesanhalli,<br>Bangalore.                                      | Industry | 40000 | 04 |
| 44. | Nuclear Power<br>Co-orporation of<br>India Ltd,<br>Tarapur, TAPS-<br>3&4, Tal/ Dist-<br>Palghar- 401504. | Industry |       | 02 |

## **18. Details of the Honours /Awards/Prizes :**

### **18.1 Student Awards (Pl mention other than University awards received in convocation and other competitions)**

| Sr No. | Name of student     | Title of award                      | Name of organization   | Purpose                                   | Date                                           |
|--------|---------------------|-------------------------------------|------------------------|-------------------------------------------|------------------------------------------------|
| 1      | Siddhi Yuraj Kashid | 2 <sup>nd</sup> place in volleyball | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 2      | Shreya Shingade     | 2 <sup>nd</sup> place in volleyball | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 3      | Srushti Chandane    | 2 <sup>nd</sup> place in volleyball | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 4      | Pradnya Patil       | 2 <sup>nd</sup> place in volleyball | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 5      | Saloni Lad          | 2 <sup>nd</sup> place in volleyball | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 6      | Shivani Lad         | 2 <sup>nd</sup> place in volleyball | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 7      | Sharvari Gore       | 2 <sup>nd</sup> place in volleyball | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 8      | Tanvi Dhopavkar     | 2 <sup>nd</sup> place in Basketball | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 9      | Roshni Patro        | 2 <sup>nd</sup> place in Basketball | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 10     | Purva Patil         | 2 <sup>nd</sup> place in Basketball | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 11     | Veena Yadav         | 2 <sup>nd</sup> place in Basketball | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 12     | Harshita Singh      | 2 <sup>nd</sup> place in Basketball | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 13     | Pradnya Bantval     | 2 <sup>nd</sup> place in Basketball | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 14     | Komal Rote          | 2 <sup>nd</sup> place in Basketball | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |

|    |                       |                                                   |                        |                                           |                                                |
|----|-----------------------|---------------------------------------------------|------------------------|-------------------------------------------|------------------------------------------------|
| 15 | Yogeshwari Thakare    | 2 <sup>nd</sup> place in Basketball               | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 16 | Mansi Kharatmol       | 2 <sup>nd</sup> place in Basketball               | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 17 | Pournima Gawaner      | 2 <sup>nd</sup> place in Basketball               | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 18 | Siddhi Sonawane       | 2 <sup>nd</sup> place in Basketball               | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 19 | Pruthvi Patil         | 2 <sup>nd</sup> place in Basketball               | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 20 | Sneha Nevhal          | Participation in kho-kho                          | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 21 | Gauri Khandezod       | Participation in kho-kho                          | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 22 | Payal nare            | Participation in kho-kho                          | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 23 | Swathi Moolya         | Participation in kho-kho                          | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 24 | Reetika Jadhav        | Participation in kho-kho                          | Smt.S.M Desai Kolhapur | SR Inter collegiate university tournament | 7 <sup>th</sup> oct -10 <sup>th</sup> oct 2022 |
| 25 | Aneesha Bhattacharjee | Indian and Westren Group Song , Western Solo Song | YUVA MAHATSOV A        | YUVA MAHATSOVA                            | 2/10/22                                        |
|    | Ruchi Bhati           | Indian and Westren Group Song                     | YUVA MAHATSOV A        | YUVA MAHATSOVA                            | 2/10/22                                        |
|    | Isha Kadam            | Indian and Westren Group Song                     | YUVA MAHATSOV A        | YUVA MAHATSOVA                            | 2/10/22                                        |
|    | Raksha Chandragade    | Indian and Westren Group Song                     | YUVA MAHATSOV A        | YUVA MAHATSOVA                            | 2/10/22                                        |
|    | Vaidehi Jadhav        | Indian and Westren Group Song                     | YUVA MAHATSOV A        | YUVA MAHATSOVA                            | 2/10/22                                        |
|    | Samruddhi Khode       | Indian and Westren Group                          | YUVA MAHATSOV A        | YUVA MAHATSOVA                            | 2/10/22                                        |

|  |                    |                                                      |                 |                |          |
|--|--------------------|------------------------------------------------------|-----------------|----------------|----------|
|  |                    | Song                                                 | A               |                |          |
|  | Raksha Chandragade | Indian Traditional Group Dance                       | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/22 |
|  | Diya Bhati         | Indian Traditional Group Dance                       | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/22 |
|  | Srushti Chandane   | Indian Traditional Group Dance                       | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/22 |
|  | Samruddhi Habu     | Indian Traditional Group Dance, Solo Classical Dance | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/22 |
|  | Tanaya Tryambake   | Indian Traditional Group Dance                       | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/22 |
|  | Shristi Pandit     | Indian Traditional Group Dance                       | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/22 |
|  | Riya Lonare        | Indian Traditional Group Dance                       | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/22 |
|  | Prachiti Parab     | Indian Traditional Group Dance                       | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/22 |
|  | Naaziya Khan       | Indian Traditional Group Dance                       | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/22 |
|  | Sanika Kashid      | Indian Traditional Group Dance                       | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/22 |
|  | Aditi Bhosale      | Hindi One Act Play, Marathi Streeet Play             | YUVA MAHATSOV A | YUVA MAHATSOVA | 23/09/22 |
|  | Preksha Dhar       | Hindi One Act Play                                   | YUVA MAHATSOV A | YUVA MAHATSOVA | 23/09/22 |
|  | Shreya Soni        | Hindi One Act Play, Meme Act                         | YUVA MAHATSOV A | YUVA MAHATSOVA | 23/09/22 |
|  | Kumkum Daga        | Hindi One Act Play, Meme Act                         | YUVA MAHATSOV A | YUVA MAHATSOVA | 23/09/22 |
|  | Shivani Kadam      | Hindi One Act Play, Marathi                          | YUVA MAHATSOV A | YUVA MAHATSOVA | 23/09/22 |

|  |                     |                                                  |                 |                |          |
|--|---------------------|--------------------------------------------------|-----------------|----------------|----------|
|  |                     | Street Play                                      | A               |                |          |
|  | Pradnya Patil       | Hindi One Act Play, Marathi Street Play          | YUVA MAHATSOV A | YUVA MAHATSOVA | 23/09/22 |
|  | Khushi Pandey       | Hindi One Act Play, Marathi Street Play          | YUVA MAHATSOV A | YUVA MAHATSOVA | 23/09/22 |
|  | Dipti Shah          | Hindi One Act Play                               | YUVA MAHATSOV A | YUVA MAHATSOVA | 23/09/22 |
|  | Saumya Jalan        | Hindi One Act Play                               | YUVA MAHATSOV A | YUVA MAHATSOVA | 23/09/22 |
|  | Sakshi Sarkate      | Marathi Skit Play, Marathi Street Play           | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/23 |
|  | Surbhi Sarode       | Marathi Skit Play, Marathi Street Play, Mimicry  | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/23 |
|  | Shweta Kamble       | Marathi Skit Play, Marathi Street Play, Meme Act | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/23 |
|  | Hindavi Kumbhar     | Marathi Skit Play, Marathi Street Play, Meme Act | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/23 |
|  | Ira Mane            | Marathi Skit Play, Marathi Street Play           | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/23 |
|  | Avantika Mane       | Marathi Skit Play, Marathi Street Play           | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/23 |
|  | Mansi Sinha         | Meme Act                                         | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/23 |
|  | Samruddhi Habu      | Solo Classical Dance                             | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/23 |
|  | Sakshi Shree        | Solo Classical Dance                             | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/23 |
|  | Sharaddha Muneshwar | Solo Classical Dance                             | YUVA MAHATSOV A | YUVA MAHATSOVA | 22/09/23 |
|  | Priyanka Chavan     | Marathi Elocution                                | YUVA MAHATSOV A | YUVA MAHATSOVA | 1/10/22  |

|  |                       |                                         |                       |                |         |
|--|-----------------------|-----------------------------------------|-----------------------|----------------|---------|
|  | Rutuja Rajesh Rewale  | Marathi Poetry                          | YUVA<br>MAHATSOV<br>A | YUVA MAHATSOVA | 1/10/22 |
|  | Mansi Sinha           | Hindi Debate                            | YUVA<br>MAHATSOV<br>A | YUVA MAHATSOVA | 1/10/22 |
|  | Tanisha Purohit       | Gujurati Elocution<br>, Gujarati Debate | YUVA<br>MAHATSOV<br>A | YUVA MAHATSOVA | 1/10/22 |
|  | Aneesha Bhattacharjee | English Poetry,<br>English Debate       | YUVA<br>MAHATSOV<br>A | YUVA MAHATSOVA | 1/10/22 |
|  | Ira Mane              | Hindi Poetry                            | YUVA<br>MAHATSOV<br>A | YUVA MAHATSOVA | 1/10/22 |
|  | Nidhi Raveriya        | Gujurati Poetry,<br>Gujurati Debate     | YUVA<br>MAHATSOV<br>A | YUVA MAHATSOVA | 1/10/22 |
|  | Prerna Jha            | Hindi Elocution,<br>Hindi Debate        | YUVA<br>MAHATSOV<br>A | YUVA MAHATSOVA | 1/10/22 |
|  | Kirti Patel           | English<br>Elocution,<br>English Debate | YUVA<br>MAHATSOV<br>A | YUVA MAHATSOVA | 1/10/22 |
|  | Hindavi Kumbhar       | Fine Arts                               | YUVA<br>MAHATSOV<br>A | YUVA MAHATSOVA | 1/10/22 |

**18.2 Faculty Awards (Pl mention State/National /International Awards/  
felicitation)**

| Sr.<br>No. | Name of Faculty | Title of Award | Name of<br>Organization | Purpose | Date |
|------------|-----------------|----------------|-------------------------|---------|------|
| 1.         |                 |                |                         |         |      |
| 2.         |                 |                |                         |         |      |
| 3.         |                 |                |                         |         |      |
| 4.         |                 |                |                         |         |      |
| 5.         |                 |                |                         |         |      |
| 6.         |                 |                |                         |         |      |
| 7.         |                 |                |                         |         |      |
| 8.         |                 |                |                         |         |      |
| 9.         |                 |                |                         |         |      |
| 10.        |                 |                |                         |         |      |
| 11.        |                 |                |                         |         |      |
|            |                 |                |                         |         |      |

**19. Number of students who passed competitive examination: Nil**

| Competitive Examination | No. of students passed |
|-------------------------|------------------------|
| NET                     |                        |
| SET/SLET                |                        |
| GATE                    |                        |
| CAT                     |                        |
| IAS/IPS etc             |                        |
| UPSC                    |                        |
| MPSC                    |                        |
| Others                  |                        |

**20. Details of the Study Visits of Students /Teaching Staff and Non-Teaching and visitors during 01.06.2022 to 31.05.2023 (Local / State / National / International)****20.1 Study Visits**

| Sr. No. | Year        | Place of visit            | Name of the accompanying Faculty                                                         | Purpose          | Date                                                          |
|---------|-------------|---------------------------|------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------|
| 1.      | First Year  |                           |                                                                                          |                  |                                                               |
| 2.      | Second Year |                           |                                                                                          |                  |                                                               |
| 3.      | Third Year  |                           |                                                                                          |                  |                                                               |
| 4.      | Fourth Year | Sea Blue Shipyard. Kerala | Dr.Santoshi Pote<br>Mr. Shreedhar S. Chavan<br>Ms. Hansa Gosavi<br><br>Mr. Rajesh Gosavi | Industrial Visit | 20 <sup>th</sup> December 2022-26 <sup>th</sup> December 2022 |
|         |             | Jaipur                    | Dr. Kavita M.<br>Mr. Yashwant Kale<br>Mr. Raju Kadam                                     | Industrial Visit | 20 <sup>th</sup> December 2022-27 <sup>th</sup> December 2022 |

**20.2 Visitors to the department/College/Institute (from Maharashtra or other States)**

| Sr. No. | Name of the Visitor | Position, Institution name | Place | Purpose / Occasion | Date |
|---------|---------------------|----------------------------|-------|--------------------|------|
|---------|---------------------|----------------------------|-------|--------------------|------|

|    |  |  |  |  |  |
|----|--|--|--|--|--|
| 1. |  |  |  |  |  |
| 2. |  |  |  |  |  |
| 3. |  |  |  |  |  |

### 20.3 International Visitors to the department/College/Institute

| Sr. No. | Name of the Visitor                                      | Position, Institution name | Place/Country | Purpose / Occasion                                                             | Date              |
|---------|----------------------------------------------------------|----------------------------|---------------|--------------------------------------------------------------------------------|-------------------|
| 1.      | Prof Neal Philip, Prof Brian Van Hull, Prof Paramita Sen | City University of         | New York      | installation of a Solar Powered Weather Station for Climate Monitoring at UMIT | 2nd January 2023, |
| 2.      |                                                          |                            |               |                                                                                |                   |
| 3.      |                                                          |                            |               |                                                                                |                   |
| 4.      |                                                          |                            |               |                                                                                |                   |

### 21. Social Initiatives undertaken by the students: (we must give some examples of social initiatives)

| Sr.No. | Social initiative | Place and Organization involved                                                                                                                                                                                                                                                                                                                                                                              | No. of students participated |
|--------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| 1.     | UMIT SPECIAL CAMP | ADIVASI PADA VISIT -NSS<br>BEACH CLEANING<br>3. CLEANLINESS DRIVE<br>4. DRY WASTE MANAGEMENT<br>5. WET WASTE MANAGEMENT<br>6. CLOTHES DISTRIBUTION<br>7. SANITARY PADS DISTRIBUTION<br>8. SELF DEFENCE WORKSHOP<br>9. FORT VISIT<br>10.DISASTER MANAGEMENT SESSION<br>11.MEDICAL CAMP<br>12.THALASSEMIA SESSION<br>13.STREET PLAY<br>14.SCHOOL VISIT<br>15.OLD AGE HOME VISIT<br>16.NATURE VISIT<br>17.SURVE | 33                           |
| 2.     |                   |                                                                                                                                                                                                                                                                                                                                                                                                              |                              |

|    |  |  |  |
|----|--|--|--|
| 3. |  |  |  |
|----|--|--|--|

## 22. Campus Placement

| On campus                       |                                 |                           | Off Campus                |
|---------------------------------|---------------------------------|---------------------------|---------------------------|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 31                              | 156                             | 125                       | 07                        |

## 23. Other activities of the Department/College

**23.1 Workshops / Seminar for students** (Other State/regional/National level workshops will not be included here)

| Sr. No. | Title of the workshop | Date | Venue | Number of students participated |
|---------|-----------------------|------|-------|---------------------------------|
| 1.      |                       |      |       |                                 |
| 2.      |                       |      |       |                                 |
| 3.      |                       |      |       |                                 |
| 4.      |                       |      |       |                                 |

### 23.2 NSS Activities

The special camp conducted by NSS unit every year, is an indispensable aspect of the National Service Scheme. The camp offers an opportunity to students for personality development and self-growth and to connect with the flora and fauna at a very humane level. Education through social service comes to being when such camps allow young minds to connect with people and realising social problems more closely and understanding their civic responsibilities.

#### HIGHLIGHTS OF THE CAMP-

1. ADIVASI PADA VISIT
2. BEACH CLEANING
3. CLEANLINESS DRIVE
4. DRY WASTE MANAGEMENT
5. WET WASTE MANAGEMENT
6. CLOTHES DISTRIBUTION
7. SANITARY PADS DISTRIBUTION
8. SELF DEFENCE WORKSHOP
9. FORT VISIT
10. DISASTER MANAGEMENT SESSION
11. MEDICAL CAMP
12. THALASSEMIA SESSION
13. STREET PLAY
14. SCHOOL VISIT
15. OLD AGE HOME VISIT
16. NATURE VISIT

## 17.SURVEY

### 23.3 Efforts taken to enhance the quality of teaching-learning;

1. Formative assessments are conducted at regular intervals to augment learners' understanding of key concepts, to monitor students learning and to provide ongoing feedback that can be used by teachers to improve teaching learning processes.
2. Every student should feel comfortable talking to their peers and the teacher and speak up when something has gone wrong.
3. Preparing and guiding students to present papers at regional/state/national levels. □
4. Remedial classes are conducted to fill up the knowledge deficits for students with slow capacity and from marginalized backgrounds. □
5. Final year student's project exhibition of all departments of final year was arranged to motivate junior students.
6. Use of moodle, spoken tutorials, ICT based education, cooperative learning, outcome based Teaching.

### 23.4 Any other student activities

- Amazon Prime Promotional Event
- Independence Day
- Yuva Mahotsav
- Induction Programme
- Freshers' Party
- Theme Reveal
- Marathi Rajbhasha Diwas
- Seminars on Cancer awareness, PGDM, Study Abroad, etc
- International Women's Day
- Pre Arcane Events
- Arcane Illusions 2023
- Farewell Party

**24. MOUs signed (by the university for the department):**

| <b>Name of Institution</b>         | <b>National/International</b> | <b>Nature of Collaboration</b>                                                                                                                |
|------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| City University of New York (CUNY) | International                 | The project is funded by the National Science Foundation collaborative grant to monitor air pollution and weather on a micro-scale in Mumbai. |
|                                    |                               |                                                                                                                                               |

**25. List of Donors**

| <b>Sr. No.</b> | <b>Name of the Donor<br/>(Individual/Origination) Address</b> | <b>Amount of Donation</b> | <b>Purpose of the Donation</b> | <b>Date on which received</b> |
|----------------|---------------------------------------------------------------|---------------------------|--------------------------------|-------------------------------|
| 1.             |                                                               |                           |                                |                               |
| 2.             |                                                               |                           |                                |                               |
| 3.             |                                                               |                           |                                |                               |

**25.a. Total Corpus generated (if any)****26. Alumni Association**

**26.1 Do you have Department/College Alumni Association?** **Yes**

**26.2 If Yes, what are activities undertaken?**

| <b>Sr. No.</b> | <b>Programmes organized for/by Alumni</b> | <b>Date</b>                     | <b>Purpose</b>                        | <b>Number of Alumni present</b> |
|----------------|-------------------------------------------|---------------------------------|---------------------------------------|---------------------------------|
| 1.             | Alumni Meet                               | 17 <sup>th</sup> September 2022 | Alumnae Meet and Convocation Ceremony | 30                              |
| 2.             | Publication of Newsletter/Journal         |                                 |                                       |                                 |
| 3.             | Trip/Tour                                 |                                 |                                       |                                 |
| 4.             | Project (research/Extension)              |                                 |                                       |                                 |
| 5.             | Donation Drive                            |                                 |                                       |                                 |
| 6.             | Any other (PI specify)                    |                                 |                                       |                                 |

**27. Obituaries (if any)**

**28. Any other, you wish to add for the Annual Report of the University.**

The Usha Mittal Institute of Technology (UMIT) at SNDT Women's University, renowned for its specialized engineering courses and preferred by leading software companies both nationally and internationally, recently celebrated its Silver Jubilee. The institute organized a series of events to commemorate this milestone, including a week-long program of technical and non-technical workshops and activities. Distinguished guests in attendance included the esteemed Pro Vice Chancellor of SNDT Women's University, Prof. Ruby Ojha, Dr. Satyanarana, Scientific Officer at TIFR, and Mr. Vishram Bapat from Data Bytes Solutions, among others.

In the academic year 2022-2023, UMIT expanded its range of programs by introducing a new branch dedicated to Artificial Intelligence. This field, rapidly growing across industries, equips students with advanced computer skills and a comprehensive understanding of its applications in various sectors.

Another significant achievement during this period was the installation of a Solar Powered Weather Station by Usha Mittal Institute of Technology in collaboration with City University of New York (CUNY) on January 2nd, 2023. This collaborative project, part of the academic collaboration agreement between the two universities, aims to monitor air pollution and weather conditions on a micro-scale in Mumbai. The installation ceremony was graced by the honorable Vice Chancellor, Prof. Ujwala Chakradeo.

UMIT has always emphasized and supported research endeavors, and in the year 2022-23, the faculty members successfully secured eight minor and one major research projects in emerging and related technologies.

The faculty members of UMIT have also achieved noteworthy milestones. Dr. Vilas Kharat obtained a patent on Deep Learning and AI-based data analysis for business analytics, which was published on February 24th, 2023. He has also applied for another patent addressing the challenges, planning, and strategies for sustainable rural development among women entrepreneurs. Dr. Vilas Kharat has also co-authored two books on Research Methodology and Entrepreneurship and Small Business.

UMIT attracted numerous companies for internships and placements, with the highest internship compensation offered at 75,000 per month and a placement offer of 19.63 lakhs.

To foster innovation and entrepreneurship among students and faculty, UMIT launched its own Innovation and Incubation Cell (IIC) and introduced various entrepreneurship-based events.

Students of the departments of the institute showcased their Projects in the annual Project Exhibition organised on April 11th, 2023, encouraging students to identify real-life problems in different domains and develop innovative solutions using technology. The exhibited projects ranged from a TSL animated Translator and desktop virtual assistant to Mood Sync using Spotify API and sensor-based technologies.

UMIT organized its annual cultural festival, Arcane Illusions, which attracted over 1000 students from across the city. The event featured a variety of cultural activities and was graced by the

esteemed Vice Chancellor, Dr. Ujjwala Chakradeo, and renowned actor Kishori Shahane. The festival also marked the release of the institute's annual multilingual magazine, Aikyam, published in four languages.

Name of the HOD/Prin/Director

Signature with Seal and Date

**Please attach Photographs of the events, if any (with separate attachments of jpg files. Pl do not insert them here in the word file. Send event wise photos with size not more than 512 kb)**