Program Name : Artificial Intelligence and Data Science	**Discipline**: Engineering & Technology
Level : Under Graduate	**Tier**: 2
Application No: 11354	**Date of Submission**: 08-12-2025

PART A- Profile of the Institute

A1.Name of the Institute: THADOMAL SHAHANI ENGINEERING COLLEGE	
Year of Establishment : 1983	Location of the Institute: Bandra Mumbai
A2. Institute Address: P.G. KHER MARG, T.P.S. III, LINKING ROAD, BANDRA (WEST)	
City: Mumbai-City	State: Maharashtra
Pin Code:400050	Website:www.tsec.edu
Email:GTTHAMPI@GMAIL.COM	Phone No(with STD Code):022-26495808
A3. Name and Address of the Affiliating University (if any):	
Name of the University : UNIVERSITY OF MUMBAI	City: Mumbai-City
State : Maharashtra	Pin Code: 400032
A4. Type of the Institution: Self-Supported Institute	
A5. Ownership Status: Self financing	

A6. Details of all Programs being Offered by the Institution:

- No. of UG programs: **5**
- No. of PG programs: **0**

Table No. A6.1: List of all programs offered by the Institute.

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Engineering & Technology	UG	Artificial Intelligence and Data Science	2020	--	Artificial Intelligence and Data Science
2	Engineering & Technology	UG	Chemical Engineering	1983	--	Chemical Engineering
3	Engineering & Technology	UG	Computer Engineering	1984	--	Computer Engineering
4	Engineering & Technology	UG	Electronics and Telecommunication Engineering	2002	--	Electronics and Telecommunication Engineering
5	Engineering & Technology	UG	Information Technology	1998	--	Information Technology

A7. Programs to be considered for Accreditation vide this Application:

Table No. A7.1: List of programs to be considered for accreditation.

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Artificial Intelligence and Data Science	Yes	Artificial Intelligence and Data Science	UG

Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as above.
Cluster ID. Name of the Department (in table no. A7.1) Name of allied Departments/Cluster (for table no. A7.1)

Allied Department/Cluster Name	Program Name	Program Level
Computer Engineering	Computer Engineering	UG
Information Technology	Information Technology	UG

PART-B: Program information

B1. Provide the Required Information for the Program Applied For:

Table No. B1: Program details.
A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Artificial Intelligence and Data Science	UG	2020 / --	60	Yes	2021	120	2021	F.No. Western/1-44643151879/2025/EOA	Applying first time	--	--	0	4

Sanctioned Intake for Last Five Years for the Artificial Intelligence and Data Science	
Academic Year	**Sanctioned Intake**
2025-26	120
2024-25	120
2023-24	120
2022-23	120
2021-22	120
2020-21	60

List of the Allied Departments/Cluster and Programs:

SR.NO.	ALLIED DEPARTMENT NAME	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDIT
1	Computer Engineering	Computer Engineering	UG	1984 / --	60	Yes	2019	180	2019	F.No. Western/1-44643151879/2025/EOA	Granted accreditation for 3 years for the period (specify period)	2005	2028	5

SR.NO.	ALLIED DEPARTMENT NAME	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDIT
2	Information Technology	Information Technology	UG	1998 / --	60	Yes	2002	120	1998	F.No. Western/1-44643151879/2025/EOA	Granted accreditation for 3 years for the period (specify period)	2008	2028	5

B2. Detail of Head of the Department for the program under consideration:

A. Name of the HoD :	Dr. Madhuri Rao
B. Nature of appointment:	Regular
C. Qualification:	M.E. and Ph.D.

B3. Program Details

Table No.B3.1: Admission details for the program excluding those admitted through multiple entry and exit points.

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4) LYG	2020-21 (CAYm5) LYGm1	2019-20 (CAYm6) LYGm2
N=Sanctioned intake of the program (as per AICTE /Competent authority)	120	120	120	120	120	60	NA
N1=Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	120	120	120	120	120	60	NA
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	NA	12	12	12	13	06	NA
N3=Separate division if any	00	00	00	00	00	00	NA
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	10	07	06	06	05	03	NA
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	120+10 = 130	120 +12+07=139	120+ 12+6=138	120+ 12 +6=138	120+13 +5=138	60+06 +3=69	-NA-

CAY= Current Academic Year. CAYm1= Current Academic Year Minus 1 CAYm2= Current Academic Year Minus 2. LYG= Last Year Graduate. LYGm1= Last Year Graduate Minus 1. LYGm2= Last Year Graduate Minus 2.

B4. Enrolment Ratio in the First Year

Table No. B4.1: Student enrolment ratio in the 1st year.

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2025-26 (CAY)	120	120	10	108%
2024-25 (CAYm1)	120	120	07	105.83%
2023-24 (CAYm2)	120	120	06	105%

Average [(ER1 + ER2 + ER3) / 3] = ≡ 106.26%

B5. Success Rate of the Students in the Stipulated Period of the Program

Table No. B5.1: The success rate in the stipulated period of a program

Item	(2021-22) LYG	(2020-21) LYGm1	(2019-20) LYGm2
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	138	69	NA
B=No. of students who graduated from the program in the stipulated course duration	130	68	NA
Success Rate (SR)= (B/A) * 100	94.20	98.55	NA

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 96.37%

B6. Academic Performance of the First-Year Students of the Program

Table No.B6.1: Academic Performance of the First-Year Students of the Program

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
X=(Mean of 1st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1st year/10)	6.54	7.65	7.76
Y=Total no. of successful students	126	122	123
Z=Total no. of students appeared in the examination	127	126	126
API [X*(Y/Z)]	6.48	7.41	7.57

Average API[(AP1+AP2+AP3)/3] : 7.15

B7: Academic Performance of the Second Year Students of the Program

Table No.B7.1: Academic Performance of the Second Year Students of the Program.

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
X=(Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2rd year/10)	8.56	8.52	8.12
Y=Total no. of successful students	130	133	131
Z=Total no. of students appeared in the examination	134	135	134
API [X * (Y/Z)]	8.3	8.39	7.94

Average API[(AP1+AP2+AP3)/3] : 8.21

B8. Academic Performance of the Third Year Students of the Program

Table No.B8.1: Academic Performance of the Third Year Students of the Program

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
X=(Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	8.88	8.05	8.395
Y=Total no. of successful students	133	130	68
Z=Total no. of students appeared in the examination	133	131	68
API [X*(Y/Z)]:	8.81	7.99	8.395

Average API[(AP1+AP2+AP3)/3] : 8.4

B9. Placement, Higher Studies, and Entrepreneurship

Table No.B9.1: Placement, higher studies, and entrepreneurship details.

Item	LYG (2021-22)	LYGm1(2020-21)	LYGm2(2018-19)
FS*=Total no. of final year students	130	69	NA
X=No. of students placed	82	47	NA
Y=No. of students admitted to higher studies	09	13	NA
Z= No. of students taking up entrepreneurship	03	00	NA
Placement Index(P) = (((X + Y + Z)/FS) * 100):	72.3	86.95	NA

Average Placement Index = (P_1 + P_2 + P_3)/3: 79.62

PART C: Faculty Details in Department and Allied Departments
(Data to be filled in for the Department and Allied Departments)

C1. Faculty details of Department and Allied Departments

Table No.C1: Faculty details in the Department for the past 3 years including CAY

Sr.No	Name of the Faculty	PAN No.	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr. Madhuri Rao	XXXXXXX49K	M.E. and Ph.D.	University of Mumbai	Big data analytics, software engineering, Management information systems , data warehousing and Min	01/02/2000	25.10	Lecturer	Professor	16/11/2016	Regular	Yes		Yes
2	Dr. G. T. Thampi	XXXXXXX69P	M.E. and Ph.D.	University of Mumbai	OOP in C/C++, OOP in Java, Data Structure, Project management	15/12/2009	15.11	Professor	Professor	15/12/2009	Regular	Yes		No
3	Dr. Himani Deshpande	XXXXXXX77F	M.E. and Ph.D.	University of Mumba	Deep Learning	10/07/2017	8.4	Assistant Professor	Associate Professor	05/05/2025	Regular	Yes		No
4	Dr. Bhushan Jadhav	XXXXXXX44Q	M.E. and Ph.D.	University of Mumbai	Artificial Intelligence and Data Science	21/01/2009	16.10	Lecturer	Associate Professor	05/05/2025	Regular	Yes		No
5	Dr. Anagha Shastri	XXXXXXX09R	M.E. and Ph.D.	University of Mumbai	Information Technology	01/01/2025	0.11	Associate Professor	Associate Professor	01/01/2025	Contractual Fulltime	Yes		No
6	Naveen Vaswani	XXXXXXX91P	M.E.	University of Mumbai	SE,CN,CSS,NLP,DAV,C,C++,Java	01/06/2022	3.6	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Dr. Monica Tolani	XXXXXXX50P	M.E. and Ph.D.	University of Mumbai	Big Data Analytics, Artificial Intelligence, Machine Learning, Database Management System, Software	11/07/2017	8.4	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Saloni Dhuru	XXXXXXX61G	M.E.	University of Mumbai	BDA , MIS , C PROGRAMMING	05/07/2021	4.5	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Meenu Bhatia	XXXXXXX15A	M.E.	University of Mumbai	Analysis of Algorithms , Artificial Intelligence	01/04/2021	4.8	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Sanober Shaikh	XXXXXXX77E	M.E.	University of Mumbai	Quantum Computing, Web Computing, Database, Datawarehousing and Mining	11/05/2011	14.6	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Vipra Dave	XXXXXXX74M	M.Tech	Amity University	Computer Engineering / Information Technology	01/01/2024	1.11	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No

No	Name	PAN	Qual.	University	Specialization	Date	Exp	Desig.	Desig.	Date	Nature		Date	
12	Priyanka Patil	XXXXXXX95H	M.E.	University of Mumbai	Digital Forensics,Cryptography & System Security,Data Mining, Software Engineering & Project Managem	01/01/2024	1.11	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Naufil Kazi	XXXXXXX14G	M.Tech	Amity University	Statistics for AI and DS, High Performance Computing	01/07/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Nilam Rais	XXXXXXX37R	M.E.	Shivaji University , Kolhapur	Computer Network, Web Technology and Networking, CP, Machine Learning, Artificial Intelligence, Data	07/07/2024	1.4	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
15	Tina D'abreo	XXXXXXX73E	M.E.	University of Mumbai	Computer Engineering	08/01/2025	0.10	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
16	Sagar Yeshwantrao	XXXXXXX91B	M.E.	University of Mumbai	Python Programming, Blockchain Technology, Internet Programming, Full Stack Java Progamming,.	15/01/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Dr. Neha Thakur	XXXXXXX58L	M.E. and Ph.D.	University of Mumbai	Java SpringBoot Full Stack Development, Blockchain Technology	01/07/2025	0.5	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
18	Hema Shukla	XXXXXXX57L	M.E.	University of Mumbai	OS, TCS,IMAGE PROCESSING,DBMS	07/01/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Diksha Hurkat	XXXXXXX10N	M.E.	Sant Gadge Baba Amravati University	Web Commerce, Wireless Technology, Digital Integrated Circuits, Computer Network,Discrete Structure	01/07/2025	0.5	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
20	Dr. Mita Bhowmick	XXXXXXX67D	M.Tech and Ph.D.	Indian Institute of Technology, Bombay	Biosciences and Bioengineering (Neural Networks, AI in Healthcare, Digital Logic Design Optical To	03/08/1992	32.10	Lecturer	Professor	15/07/2008	Regular	No	31/05/2025	No
21	Sunil Shelke	XXXXXXX54M	MS	Indian Institute of Science (IISc), Bengaluru	Computer Science and Engineering (Algorithms, Discrete Mathematics, Computational Complexity Theory	06/07/2023	2	Assistant Professor	Assistant Professor		Regular	No	08/07/2025	No
22	Susmita Das	XXXXXXX60R	M.E.	University of Mumbai	Computers, Computation, ML, AI, Analytics	01/01/2024	0.10	Assistant Professor	Assistant Professor		Contractual Fulltime	No	30/11/2024	No

Sr.No	Name of the Faculty	PAN No.	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/Associate Professor if any	Nature of Association (Regular/Contract/Ad hoc)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
23	Himani Joshi	XXXXXXX16G	M.Tech	D.A.V. University, Jalandhar, Punjab	Soft Computing, Machine Learning, Deep Learning, Database Management Systems	01/02/2024	0.9	Assistant Professor	Assistant Professor		Contractual Fulltime	No	27/11/2024	No
24	Vijal Jain	XXXXXXX46L	M.E.	University of Mumbai	Satellite Image Processing, Data Mining, Artificial Intelligence, Networking and Network Security	12/07/2017	6.10	Assistant Professor	Assistant Professor		Regular	No	21/05/2024	No
25	Dr. Pravin Shinde	XXXXXXX56C	M.E. and Ph.D.	Kalinga University, Raipur	Machine Learning, Artificial Intelligence, Computer Network	03/07/2023	0.5	Assistant Professor	Assistant Professor		Regular	No	30/12/2023	No
26	Sachin Desai	XXXXXXX18L	M.E.	University of Mumbai	Object Oriented Programming, Computer Network, Network Security, Mobile	01/07/2023	0.4	Assistant Professor	Assistant Professor		Regular	No	29/11/2023	No
27	Sonali Wankhede	XXXXXXX78Q	M.E.	University of Mumbai	Databases	04/07/2023	0.4	Assistant Professor	Assistant Professor		Contractual Fulltime	No	04/11/2023	No

Table No.C2: Faculty details of Allied Departments for the past 3 years including CAY.

Sr.No	Name of the Faculty	PAN No.	APAAR faculty ID*(if any)	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/Associate Professor if any	Nature of Association (Regular/Contract/Ad hoc)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr. Arun Kulkarni	XXXXXXX33A	NA	M.E. and Ph.D.	Swami Ramanand Teerth Marathwada Nanded University	C Programming	17/08/2001	24.3	Assistant Professor	Professor	27/09/2021	Regular	Yes		No
2	Dr. Arti Deshpande	XXXXXXX65E	NA	M.E. and Ph.D.	Rashtrasant Tukadoji Maharaj Nagpur University	Data Mining AIML	15/01/2008	17.10	Assistant Professor	Professor	05/05/2025	Regular	Yes		No
3	Dr. Mukesh Israni	XXXXXXX45F	NA	M.E. and Ph.D.	University of Mumbai	EEB/WT	10/01/2006	19.10	Assistant Professor	Associate Professor	11/08/2010	Regular	Yes		Yes
4	Archana Kale	XXXXXXX93F	NA	M.Tech	IIT Bombay	Generic System Design	01/03/1993	32.9	Assistant Professor	Associate Professor	02/01/2006	Regular	Yes		No

#	Name	ID		Qualification	University	Specialization	Date	Exp	Designation	Designation	Date	Type			
5	Dr. Anjali Malviya	XXXXXXX96R	NA	M.E. and Ph.D.	Indian Institute of Information Technology, Pune	Deep Learning, IP	30/08/1996	29.3	Assistant Professor	Associate Professor	11/01/2007	Regular	Yes		No
6	Dr. Shanthi Therese	XXXXXXX46A	NA	M.E. and Ph.D.	University of Mumbai	ML	01/08/2001	24.4	Assistant Professor	Associate Professor	21/05/2010	Regular	Yes		No
7	Dr. Gopal Pardesi	XXXXXXX60M	NA	M.E. and Ph.D.	University of Mumbai	ML, Block Chain	10/01/2006	19.10	Assistant Professor	Associate Professor	01/06/2009	Regular	Yes		No
8	Dr. Kumkum Saxena	XXXXXXX51D	NA	M.E. and Ph.D.	University of Mumbai	DSA, ADSA	29/12/2004	20.11	Assistant Professor	Associate Professor	15/07/2011	Regular	Yes		No
9	Dr. Nagaveni Hebbar	XXXXXXX19F	NA	M.E. and Ph.D.	University of Mumbai	WT	09/01/2003	22.11	Assistant Professor	Associate Professor	09/01/2016	Regular	Yes		No
10	Dr. Sanjay K. Pandey	XXXXXXX81F	NA	M.E. and Ph.D.	University of Mumbai	SE, PM	24/06/2004	21.5	Assistant Professor	Associate Professor	08/09/2017	Regular	Yes		No
11	Dr. Nikhilesh Joshi	XXXXXXX30L	NA	M.E. and Ph.D.	University of Mumbai	Python	10/02/2005	20.9	Assistant Professor	Associate Professor	14/07/2017	Regular	Yes		No
12	Dr. Shachi J. Natu	XXXXXXX30L	NA	M.E. and Ph.D.	Narsee Monjee Institute of Management Studies (NMIMS) University	IP	10/08/2009	16.3	Assistant Professor	Associate Professor	10/08/2022	Regular	Yes		No
13	Geeta Karande	XXXXXXX38H	NA	M.E.	University of Mumbai	PCE, UID	10/01/2006	19.10	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Chetan Agarwal	XXXXXXX44P	NA	M.E.	University of Mumbai	Blockchain	23/06/2004	21.5	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Reshma Malik	XXXXXXX45N	NA	M.E.	University of Mumbai	COA, DBMS	24/06/2004	21.5	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Sunita D. Rathod	XXXXXXX01P	NA	M.E.	University of Mumbai	WEB Tech.	29/12/2004	20.11	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Anuradha Mistry	XXXXXXX63C	NA	M.Tech	IIT Bombay	COA	09/01/2003	22.11	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Sheetal A. Gondal	XXXXXXX41F	NA	M.E.	University of Mumbai	PM	05/08/2020	5.4	Assistant Professor	Assistant Professor		Regular	Yes		No

#	Name	ID		Qualification	University	Specialization	Date	Exp	Designation (from)	Designation (to)	Date	Date2	Type	Assoc.	Date3	Last
19	Sampada Pinge	XXXXXXX82E	NA	M.E.	University of Mumbai	IOE	03/03/1993	32.3	Assistant Professor	Associate Professor		03/03/2007	Regular	No	06/06/2025	No
20	Dr. Darshan A. Ingale	XXXXXXX99L	NA	M.E. and Ph.D.	Kalinga University	ML, DMBI	08/08/2017	6.9	Assistant Professor	Assistant Professor			Regular	No	01/06/2024	No
21	Dr. Tanuja Sarode	XXXXXXX02H	NA	M.E. and Ph.D.	Narsee Monjee Institute of Management Studies (NMIMS) University	Image Processing, Machine Learning, Soft Computing	01/01/2000	25.11	Assistant Professor	Professor		17/11/2016	Regular	Yes		No
22	Dr. Archana Patankar	XXXXXXX60G	NA	M.E. and Ph.D.	Narsee Monjee Institute of Management Studies (NMIMS) University	Image Processing, Algorithms, Security	03/01/2000	25.11	Assistant Professor	Professor		17/11/2016	Regular	Yes		No
23	Dr. Jayant Gadge	XXXXXXX76L	NA	M.E. and Ph.D.	University of Mumbai	Web Mining , Data Mining, Information Retrieval, Networking	16/08/2001	24.3	Assistant Professor	Professor		27/09/2021	Regular	Yes		No
24	Dr. Shilpa Verma	XXXXXXX90R	NA	M.E. and Ph.D.	University of Mumbai	Object Oriented Technology, Software Engineering, AI, Networking	13/01/2003	22.10	Assistant Professor	Associate Professor		09/10/2009	Regular	Yes		No
25	Dr. Anil Chhangani	XXXXXXX98P	NA	M.E. and Ph.D.	Shri Jagdishprasad Jhabarmal Tibrewala University	Data Mining, Image Processing, Forensics, Machine Learning	02/08/2017	8.4	Associate Professor	Associate Professor		02/08/2017	Regular	Yes		No
26	Dr. Seema Kolkur	XXXXXXX14C	NA	M.E. and Ph.D.	University of Mumbai	Database Systems, Data Mining, Machine Learning	01/02/2000	25.10	Assistant Professor	Associate Professor		21/05/2010	Regular	Yes		No
27	Dr. Tasneem Mirza	XXXXXXX59H	NA	M.E. and Ph.D.	University of Mumbai	Image Processing, System Security, Distributed Computing	03/05/1999	26.7	Assistant Professor	Associate Professor	20/08/2012		Regular	Yes		No
28	Dr. Ujwala Bharambe	XXXXXXX94E	NA	M.Tech and Ph.D.	IIT Bombay	Web Mining, Semantic Technology	01/01/2005	20.11	Assistant Professor	Associate Professor	10/08/2012		Regular	Yes		No
29	Dr. Vaishali Suryawanshi	XXXXXXX44L	NA	M.E. and Ph.D.	University of Mumbai	Deep Learning, Machine Learning, AI, Computer Vision, Algorithms	09/01/2003	22.11	Assistant Professor	Associate Professor		22/05/2017	Regular	Yes		No
30	Dr. Gauri Shukla	XXXXXXX39Q	NA	M.Tech and Ph.D.	IIT Bombay	Microprocessor, OOP, Networks, Python Programming	01/08/2001	24.4	Assistant Professor	Associate Professor		27/09/2021	Regular	Yes		No

	Name	PAN		Qualification	University	Areas of Specialization	Date of Joining	Experience	Designation at Joining	Current Designation	Date	Nature			
31	Dr. Sakshi Surve	XXXXXXX70M	NA	M.E. and Ph.D.	Shri Jagdishprasad Jhabarmal Tibrewala University	Multimedia Systems, Theory of Comp Sci, Distributed Systems	11/08/2001	24.4	Assistant Professor	Associate Professor	10/08/2012	Regular	Yes		No
32	Vijaya Padamdas	XXXXXXX26M	NA	M.E.	University of Mumbai	Database Systems, Data Mining, Semantic Web, Computer Networks	14/01/2008	17.10	Assistant Professor	Assistant Professor		Regular	Yes		No
33	Rupali Sarode	XXXXXXX83Q	NA	M.E.	University of Mumbai	Programming Languages C, JAVA, OS	22/05/2007	18.6	Assistant Professor	Assistant Professor		Regular	Yes		No
34	Manisha Dumbre	XXXXXXX36N	NA	M.E.	University of Mumbai	Image Processing, Mobile Computing	09/10/2006	19.2	Assistant Professor	Assistant Professor		Regular	Yes		No
35	Aejazul Khan	XXXXXXX86L	NA	MS	The Birla Institute of Technology & Science (BITS) Pilani University	Web Apps, OO Design, User Interaction, AI, Data Intelligence	17/08/2009	16.3	Assistant Professor	Assistant Professor		Regular	Yes		No
36	Urvi Kore	XXXXXXX71H	NA	M.E.	University of Mumbai	IP , CG, ML, TCS, AOA	10/08/2009	16.4	Assistant Professor	Assistant Professor		Regular	Yes		No
37	Rithesh Kini	XXXXXXX32G	NA	M.Tech	IIT Bombay	Image Processing, Microprocessor, Embedded Systems, C Programming	10/01/2003	22.11	Assistant Professor	Assistant Professor		Regular	Yes		No
38	Anagha Durugkar	XXXXXXX05J	NA	M.E.	University of Mumbai	Big Data, Data mining, mobile computing ,database security	11/11/1997	28.1	Assistant Professor	Assistant Professor		Regular	Yes		No
39	Sonal Shroff	XXXXXXX25C	NA	M.E.	University of Mumbai	Image processing, data compression, cryptography and security	10/01/2000	25.11	Assistant Professor	Assistant Professor		Regular	Yes		No
40	Vaibhav Ambhire	XXXXXXX94D	NA	M.E.	University of Mumbai	C Programming, DS & Algorithms, Python, OS, Compilers	10/07/2017	8.4	Assistant Professor	Assistant Professor		Regular	Yes		No
41	Dr. Nabanita Mandal	XXXXXXX47Q	NA	M.E. and Ph.D.	University of Mumbai	Machine Learning, Deep Learning, Blockchain, System Security	10/07/2017	8.4	Assistant Professor	Assistant Professor		Regular	Yes		No
42	Dr. Darakhshan Khan	XXXXXXX59K	NA	M.E. and Ph.D.	University of Mumbai	Deep Learning, ML, Time Series, Algorithms, Python Programming	10/07/2017	8.4	Assistant Professor	Assistant Professor		Regular	Yes		No

No.	Name	ID		Qualification	University	Specialization	Date	Exp	Designation	Designation		Type	Col1	Col2	Col3
43	Dr. Juhi Janjua	XXXXXXX19C	NA	M.E. and Ph.D.	University of Mumbai	Networking, OS, OOPM, Soft Computing, Cloud, ML, DL	10/07/2017	8.4	Assistant Professor	Assistant Professor		Regular	Yes		No
44	Shilpa Ingoley	XXXXXXX65D	NA	M.E.	University of Mumbai	Networking, OS, OOPM, Soft Computing, Cloud, ML, DL	01/07/2017	8.5	Assistant Professor	Assistant Professor		Regular	Yes		No
45	Parul Jain	XXXXXXX75L	NA	M.E.	Sant Gadge Baba Amravati University	OS, Discrete Math, AI, Mobile Computing, LLM	15/02/2021	4.9	Assistant Professor	Assistant Professor		Regular	Yes		No
46	Sonali Jadhav	XXXXXXX70P	NA	M.E.	University of Mumbai	Cloud Computing, Network Programming, Cryptography	02/08/2021	4.4	Assistant Professor	Assistant Professor		Regular	Yes		No
47	Khalid Ansari	XXXXXXX70F	NA	M.E.	University of Mumbai	C Programming, Python, DSA, CSS, Software Engineering	15/12/2021	3.11	Assistant Professor	Assistant Professor		Regular	Yes		No
48	Kiran Israni	XXXXXXX78L	NA	M.E.	University of Mumbai	Data Mining, ML, AI, Cryptography, Discrete Structures	19/06/2023	2.5	Assistant Professor	Assistant Professor		Regular	Yes		No
49	Krutika Jain	XXXXXXX88M	NA	M.E.	Sant Gadge Baba Amravati University	Data Mining, Machine Learning	01/07/2025	0.5	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
50	Nidhi Jha	XXXXXXX96N	NA	M.E.	University of Mumbai	Operating Systems, Machine Learning, Data Structure, Data Structure, Big Data	01/07/2025	0.5	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
51	Dinesh Tharwani	XXXXXXX77E	NA	M.Tech	RGPV (State Technological University of M.P.)	Big Data, Data mining, mobile computing	01/01/2024	1.1	Assistant Professor	Assistant Professor		Contractual Fulltime	No	01/02/2025	No

C2. Student-Faculty Ratio (SFR)

No. of UG(Engineering) programs in Department including allied departments/ clusters (UGn):

UG1=1st UG program

UGn=nth UG program

B= No. of Students in UG 2nd year (ST)

C= No. of Students in UG 3rd year (ST)

D= No. of Students in UG 4th year (ST)

No. of PG (Engineering) programs in Department including allied departments/ clusters (PGm):

PG1=1st PG program.

PGm=mth PG program

A= No. of Students in PG 1st year

B= No. of Students in PG 2nd year

Student Faculty Ratio **(SFR)** = S/F

S= No. of students of all programs in the Department including all students of allied departments/clusters.

No. of students (ST)=Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)

Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are exempted.

F=Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

No. of UG Programs in the Department3 No. of PG Programs in the Department:0

Table No.C2.1: Student-faculty ratio.

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	132	132	132
UG1.C	132	132	132
UG1.D	132	132	66
UG1: Artificial Intelligence and Data Science	**396**	**396**	**330**
UG2.B	132	132	132
UG2.C	132	132	132
UG2.D	132	132	132
UG2: Information Technology	**396**	**396**	**396**
UG3.B	198	198	198
UG3.C	198	198	198
UG3.D	198	198	198
UG3: Computer Engineering	**594**	**594**	**594**
DS=Total no. of students in all UG and PG programs in the Department	396	396	330
AS=Total no. of students of all UG and PG programs in allied departments	990	990	990
S=Total no. of students in the Department (DS) and allied departments (AS)	**S1= 1386**	**S2= 1386**	**S3= 1320**
DF=Total no. of faculty members in the Department	19	15	12
AF= Total no. of faculty members in the allied Departments	48	47	48
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	**F1= 67**	**F2= 62**	**F3= 60**
FF=The faculty members in F who have a 100% teaching load in the first-year courses	0	0	0
Student Faculty Ratio (SFR)=S/(F-FF)	**SFR1= 20.69**	**SFR2= 22.35**	**SFR3= 22.00**
Average SFR for 3 years	**SFR= 21.68**		

C3. Faculty Qualification

- Faculty qualification index (FQI) = 2.5 * [(10X +4Y)/RF] where
- X=No. of faculty members with Ph.D. degree or equivalent as per AICTE/UGC norms.
- Y=No. of faculty members with M. Tech. or ME degree or equivalent as per AICTE/ UGC norms.
- RF=No. of required faculty in the Department including allied Departments to adhere to the 20:1 Student-Faculty ratio, with calculations based on both student numbers and faculty requirements as per section C2 of this documents: (RF=S/20).

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = 2.5 x [(10X + 4Y) / RF)]
CAY (2025-26)	32	35	69.3	16.59
CAYm1 (2024-25)	28	41	69.3	16.02

CAYm2 (2023-24)	25	42	66	15.83

C4. Faculty Cadre Proportion

. Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
. RF1= No. of Professors required = 1/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents:.
. RF2= No. of Associate Professors required = 2/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:.
. RF3= No. of Assistant Professors required = 6/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:.
. Faculty cadre and qualification and experience should be as per AICTE/UGC norms.

Table No.C4.1: Faculty cadre proportion details

Year	Professors		Associate Professors		Assistant Professors	
	Required Faculty (RF1)	Available Faculty (AF1)	Required Faculty (RF2)	Available Faculty (AF2)	Required Faculty (RF3)	Available Faculty (AF3)
CAY (2025-26)	7.7	7	15.4	21	46.2	39
CAYm1 (2024-25)	7.7	7	15.4	21	46.2	41
CAYm2 (2023-24)	7.3	7	14.7	20	44	40
Average Numbers	7.6	7	15.2	20.7	45.5	40
	RF1 = 7.6	AF1= 7	RF2 = 15.2	AF2 = 20.7	RF3 = 45.5	AF3 = 40
Faculty Cadre Proportion=			26.17			

C5. Visiting/Adjunct Faculty/Professor of Practice

Table No. C5.1: List of visiting/adjunct faculty/professor of practice and their teaching and practical loads.

S.N.	Name of the Person	Designation & Organization	Name of the Course	No. of hours handled
CAYm1 (2024-25)				
NIL	NIL	NIL	NIL	NIL
CAYm2 (2023-24)				
NIL	NIL	NIL	NIL	NIL
CAYm3 (2022-23)				
NIL	NIL	NIL	NIL	NIL

C6. Academic Research

Table No. C6.1: Faculty publication details

S.N.	Item	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
1	No. of peer reviewed journal papers published	11	06	09
2	No. of peer reviewed conference papers published	15	10	06
3	No. of books/book chapters published	-	-	02

C7. Sponsored Research Project

Table No. C7.1: List of sponsored research projects received from external agencies.

(CAYm1): NIL

(CAYm2) : NIL

(CAYm3) : NIL

Total Amount (Lacs) Received for the Past 3 Years: NIL
Note*: Only sponsored research projects will be considered. Infrastructure-based projects will not be considered here.

C8. Consultancy Work

Table No. C8.1: List of consultancy projects received from external agencies.

(CAYm1): NIL

(CAYm2)): NIL

(CAYm3)): NIL

Total amount (Lacs) received for the past 3 years: NIL

Note*: Only consultancy projects will be considered. Infrastructure-based projects will not be considered here.

C9. Institution Seed Money or Internal Research Grant to its Faculty for Research Work

Table No. C9.1: List of faculty members received seed money or internal research grant from the Institution.

(CAYm1): 2.5 lakhs

(CAYm2) : NIL

(CAYm3) : NIL

Total amount (Lacs) received for the past 3 years : 2.5 lakhs

PART D: Laboratory Infrastructure in the Department
(Data to be filled in for the Department)

D1. Adequate and Well-Equipped Laboratories, and Technical Manpower

Table No.D1.1: List of laboratories and technical manpower

Sr. No.	Lab No.	Name of the Laboratory	No. of students per setup (Batch Size)	Name of the Major equipment	Weekly utilization status (all the courses for which the lab is utilized)	Technical Manpower Support		
						Name of the technical staff	Designation	Qualification
1	202 A	Web Programming Laboratory	23	Computers : 19, Switches : 01, Routers : 01 for Wifi Connectivity of 100 mbps, Cameras : 02	28	Ms. Munni Shukla	Lab Assistant	B.Sc.(CS)
2	203	Computer Graphics/Database Technologies Laboratory	23	Computers : 30, Switches : 0, Routers : 01, Cameras : 04, Printers : 02, Projectors : 0	22	Ms. Munni Shukla	Lab Assistant	B.Sc.(CS)
3	208 A	Data Structure Laboratory	23	Computers : 29, Switches : 02, M. Switch : 01, Cameras : 02, Printers : 01, Projectors : 01	20	Shri Sachin Shinde	Lab Assistant	F.Y.J.C.
4	208 B	Java / Python Programming Laboratory	23	Computers : 28, Switches : 02, Cameras : 02, Projectors : 01	16	Shri Sachin Shinde	Lab Assistant	F.Y.J.C.
5	805 A	AI Laboratory	23	Computers : 22, Switches : 01, Routers : 01, Cameras : 01, Printers : 01	22	Ms. Bhavana Wadhwani	Technical Assistant	B.Sc.(Chemistry), B.Ed
6	805 B	Data Analytics and Visualization Laboratory	23	Computers : 22, Switches : 01, Cameras : 01, Printers : 01, LED Screen: 01	22	Ms. Bhavana Wadhwani	Technical Assistant	B.Sc.(Chemistry), B.Ed

D2. Safety Measures in Laboratories

Table No. D2.1: List of various safety measures in laboratories.

Sr. No.	Lab No.	Name of the Laboratory	Safety measures
1	104	Intelligent Robotics and Process Automation Laboratory	1. Miniature Circuit breaker for electricity cutoff. 2. Fire Fighting Equipment 3. C.C.T.V. Cameras for security
2	202 A	Web Programming Laboratory	1. Miniature Circuit breaker for electricity cutoff. 2. Fire Fighting Equipment 3. C.C.T.V. Cameras for security

3	202 B	Computer Network Laboratory	1. Miniature Circuit breaker for electricity cutoff. 2. Fire Fighting Equipment 3. C.C.T.V. Cameras for security
4	203	Computer Graphics/Database Technologies Laboratory	1. Miniature Circuit breaker for electricity cutoff 2. Fire Fighting Equipment 3. C.C.T.V. Cameras for security
5	208 A	Data Structure Laboratory	1. Miniature Circuit breaker for electricity cutoff 2. Fire Fighting Equipment 3. C.C.T.V. Cameras for security
6	208 B	Java / Python Programming Laboratory	1. Miniature Circuit breaker for electricity cutoff 2. Fire Fighting Equipment 3. C.C.T.V. Cameras for security
7	805 A	AI Laboratory	1. Miniature Circuit breaker for electricity cutoff 2. Fire Fighting Equipment 3. C.C.T.V. Cameras for security
8	805 B	Data Analytics and Visualization Laboratory	1. Miniature Circuit breaker for electricity cutoff 2. Fire Fighting Equipment 3. C.C.T.V. Cameras for security
9	503	Mini Project/ Hardware Laboratory	1. Miniature Circuit breaker for electricity cutoff 2. Fire Fighting Equipment 3. C.C.T.V. Cameras for security

D3. Project Laboratory/Research Laboratory

S.N.	Name of the Laboratory
1.	Lab 104 : Project Laboratory
2.	Lab 503 : Mini Project/ Hardware Laboratory: Center of Excellence in Cyber Security by Deep Cytes and Mini Project Lab
3.	Lab 202 B: Mini Project/ Hardware Laboratory: Center of Excellence in AI Lab as a Service by Yotta

PART E: First Year faculty and financial Resources

(Data to be filled in for the first-year course faculty and budget allocation and utilization)

E1. First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8) + (NS2*0.2))/(No. of required faculty (RF4)); Percentage= ((NS1*0.8) +(NS2*0.2))/RF
CAY (2025-26)	540	27	20	20	74.07
CAYm1 (2024-25)	540	27	20	35	85.19
CAYm2 (2023-24)	540	27	17	21	65.93

E2. Budget Allocation, Utilization, and Public Accounting at Institute Level

Table No. E2.1: Budget and actual expenditure incurred at Institute level.

Items	Budgeted in CFY	Actual expenses in CFY	Budgeted in CFYm1	Actual expenses in CFYm1	Budgeted in CFYm2	Actual Expenses in CFYm2	Budgeted in CFYm3	Actual Expenses in CFYm3
Infrastructure Built-Up	14600000	13463149.33	14600000	13463149.33	6700000	21388303	11500000	14096158.98
Library	350000	314826	350000	314826	300000	249916	500000	442872
Laboratory equipment	1050000	1036544.6	1050000	1036544.6	500000	434315	500000	644276
Teaching and non-teaching staff salary	338400000	319925312.4	338400000	319925312.4	360000000	282179151	282300000	293565369.4
Outreach Programs	28052	28052	28052	28052	0	0	0	0
R&D	0	0	0	0	0	0	0	0
Training, Placement and Industry linkage	150000	300957	150000	300957	150000	125586	150000	150000
SDGs	1500000	1456640	1500000	1456640	0	0	0	0
Entrepreneurs hip	0	0	0	0	0	0	0	0
Others, specify	38838948	46378720.66	38838948	46378720.66	39500000	41580852.48	39000000.00	35029639.37
Total amount	394917000	382904202	394917000	382904202	407150000	345958123.5	333950000	343928315.8

E3. Budget Allocation, Utilization, and Public Accounting at Program Specific Level

Table No. E3.1: Budget and actual expenditure incurred at program level.

Items	Budgeted in CFY	Actual expenses in CFY	Budgeted in CFYm1	Actual expenses in CFYm1	Budgeted in CFYm2	Actual Expenses in CFYm2	Budgeted in CFYm3	Actual Expenses in CFYm3
Laboratory equipment	1305000	483256	2505700	1623975	3319700	3385694	2,830,314	2802600
Software	0	706666	0	0	0	0	0	0
SDGs	0	0	0	0	0	0	0	0
Support for faculty development	0	0	0	0	0	0	0	11800
R & D	0	0	0	0	0	0	0	0
Industrial Training, Industry expert, Internship	0	0	0	0	0	0	0	0
Miscellaneous expenses *	1020000	278864	490000	428263	290000	429124	550000	364184
Total amount	2325000	1747650	2995700	2052238	3609700	3814818	3380314	3178584