NATIONAL BOARD OF ACCREDITATION
Data Capturing Points of the Program Applied for NBA Accreditation– Tier I/II UG (Engineering)
Institute Programs
PART A – Profile of the Institute

Name of the Program applied for: Bachelor of Technology (B Tech) in Electronics and Telecommunication Engineering

<table>
<tr><td rowspan="4">A1.</td><td colspan="2">Name of the Institute: Shri Vile Parle Kelavani Mandals Narsee Monjee Institute Of Management Studies Deemed To Be University SVKM’s NMIMS V. L. Mehta Road, Vile Parle (W)</td></tr>
<tr><td>Year of Establishment: 2003</td><td>Location of the College: Vile Parle (W), Mumbai</td></tr>
<tr><td colspan="2"></td></tr>
<tr><td colspan="2"></td></tr>
<tr><td rowspan="4">A2.</td><td colspan="2">Institute Address:
SVKM’s NMIMS, Mukesh Patel School of Technology Management & Engineering Behind Homeopathy College, Bhakti Vedant Swami Marg, Near Cooper Hospital, JVPD Scheme, Vile Parle (West)</td></tr>
<tr><td>City: Mumbai</td><td>State: Maharashtra</td></tr>
<tr><td></td><td>Website:
https://engineering.nmims.edu</td></tr>
<tr><td>E-mail: Dean.MPSTME@nmims.edu</td><td>Phone No (with STD code: +91 22 42334000</td></tr>
<tr><td rowspan="3">A3.</td><td colspan="2">Name and Address of the Affiliating University (If any): -</td></tr>
<tr><td>Name of University: NMIMS University</td><td>City: Mumbai</td></tr>
<tr><td>State: Maharashtra</td><td>Pin Code: 400056</td></tr>
<tr><td rowspan="5">A4.</td><td colspan="2">Type of the Institution:</td></tr>
<tr><td colspan="2"><table>
<tr><td>Institute of National Importance</td><td></td><td>Deemed University</td><td>✔</td></tr>
<tr><td>University</td><td></td><td>Autonomous</td><td></td></tr>
<tr><td>Non-Autonomous (Affiliated)</td><td></td><td>Any other (Please specify)</td><td></td></tr>
</table></td></tr>
<tr><td colspan="2">Provide Details: Deemed-to-be-University status in 2003 under Section 3 of University Grants Commission (UGC) Act.</td></tr>
<tr><td colspan="2"></td></tr>
<tr><td colspan="2"></td></tr>
<tr><td rowspan="5">A5.</td><td colspan="2">Ownership Status: -(Tick the applicable choice)</td></tr>
<tr><td colspan="2"><table>
<tr><td>Central Government</td><td></td><td>State Government</td><td></td></tr>
<tr><td>Government Aided</td><td></td><td>Self financing</td><td>✔</td></tr>
<tr><td>Any Other (Please Specify)</td><td></td><td></td><td></td></tr>
</table></td></tr>
<tr><td colspan="2">Provide Details: Shri Vile Parle Kelavani Mandal (SVKM) is a Public Charitable Trust established in 1934 and registered under the Society’s Registration Act and Bombay Public Trust Act, India.</td></tr>
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<tr><td colspan="2"></td></tr>
<tr><td>A6.</td><td colspan="2">Details of all Programs being Offered by the Institution: -</td></tr>
<tr><td rowspan="3"></td><td colspan="2">No. of UG programs: 11</td></tr>
<tr><td colspan="2">No. of PG programs: 03</td></tr>
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</table>

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

S.N.	Level of program (UG/PG)	Name of the program	Year of Start	Year of close*	Name of the Department
1.	UG	B Tech in Information Technology	2006-07	NA	Information Technology
2.	UG	BTech in Computer Engineering	2006-07	NA	Computer Engineering
3.	UG	B Tech in Electronics and Telecommunication Engineering	2006-07	NA	Electronics and Telecommunication Engineering
4.	UG	BTech in Civil Engineering	2010-11	NA	Civil Engineering
5.	UG	BTech in Mechanical Engineering	2010-11	NA	Mechanical Engineering
6.	UG	B Tech in Mechatronics Engineering	2014-15	NA	Mechatronics Engineering
7.	UG	B Tech in Data Science	2017-18	NA	Data Science
8.	UG	BTech Computer Science and Business Systems	2019-20	NA	Computer Engineering
9.	UG	BTech Computer Science and Engineering (Cyber Security)	2020-21	NA	Computer Engineering
10.	UG	BTech in Artificial Intelligence	2020-21	NA	Artificial Intelligence
11.	UG	BTech Computer Science and Engineering (Data Science)	2020-21	NA	Computer Engineering
12.	UG Integrated	MBA Tech	2004-05	NA	Technology Management
13.	PG	MTech in Data Science	2015-16	NA	Data Science
14.	PG	MTech in Artificial Intelligence	2018-19	NA	Artificial Intelligence
15.	PG	MCA	2007-08	NA	Computer Engineering

Note: - Please mention department wise.

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

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

Cluster ID	Department Name	Program Name
1.	Civil Engineering	B Tech in Civil Engineering
2.	Mechanical Engineering	B Tech in Mechanical Engineering
3.	Mechatronics Engineering	B Tech in Mechatronics Engineering
4.	Electronics and	B Tech in Electronics and

	Telecommunication Engineering	Telecommunication Engineering
5.	Information Technology	B Tech in Information Technology

Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as

Cluster ID	Name of the Department (in table no. A7.1)	Name of allied Departments/Cluster (for table no. A7.1)
1.	Civil Engineering	Civil Engineering
2.	Mechanical Engineering	Mechatronics Engineering
3.	Mechatronics Engineering	Mechanical Engineering
4.	Electronics and Telecommunication Engineering	Electronics and Telecommunication Engineering
5.	Information Technology	Computer Engineering Data Science Artificial Intelligence

PART-B: Program information

(Data to be filled in for the program applied for Accreditation)

B1: Provide the Required Information for the Program Applied for: -

Table No. B1: Program details.

S. N.	Program Name	Year of start	Sanctioned Intake	Increase/ decrease in intake, if any	Year of increase/ decrease	AICTE Approval Details	Accreditation Status*	No. of times program accredited
1.	B Tech Electronics and Telecommunication Engineering	2006	60	Seats increased to 120 in B Tech Seats decreased to 60 in B Tech	AY 2012-13 AY 2014-15	Approved	Was valid up to 30.06.2021	03

* Write applicable one:

- Applying first time: No
- **Granted accreditation for 2/3 years for the period** (specify period):

  Tier 1 for Academic Years 2014-2015 to 2016-2017, Tier 1 for Academic Years 2017-2018 to 2019-2020 up to 30.06.2020, Tier 1 Academic Years 2020-2021 up to 30.06.2021.
- Granted accreditation for 5/6 years for the period (specify period):
- Not accredited (specify visit dates, year).
- Withdrawn (specify visit dates, year)
- Not eligible for accreditation.

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

A. Name of the HoD: Dr. Avinash Damodar More

B. Nature of appointment: (Tick the applicable choice)

- **Regular** ✓
- **Contract**
- **Ad hoc**

C. Qualification: (Tick the applicable choice)

- **Ph.D.** ✓
- **ME/M. Tech**
- **Any other***

***Please provide details:** _____

B3: Program Details

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

Item (Information is to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	**CAY 2024-25**	**CAYm1 2023-24**	**CAYm2 2022-23**	**CAYm3 2021-22**	**CAYm4 (LYG) 2020-21**	**CAYm5 (LYGm1) 2019-20**	**CAYm6 (LYGm2) 2018-19**
N= Sanctioned intake of the program (as per AICTE /Competent authority)	60	48	60	60	60	60	60
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	46	31	56	28	38	60	40
N2= Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	0	1	1	2	5	2
N3= Separate division if any	0	0	0	0	0	0	0
N4= Total no. of students admitted in the 1st year via all supernumerary quotas	0	0	0	0	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	**46**	**31**	**57**	**29**	**40**	**65**	**42**

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.

Item (Students enrolled in the First Year on average over 3 academic years (CAY, CAYm1, and CAYm2))	**CAY 2024-25**	**CAYm1 2023-24**	**CAYm2 2022-23**
N= Sanctioned intake of the program in the 1st year (as per AICTE/Competent authority)	60	48	60
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	46	31	56
N4= Total no. of students admitted in the 1st year via all supernumerary quotas	0	0	0
Enrolment Ratio (ER)= (N1+N4)/N	77%	65%	93%
Average ER= (ER_1+ ER_2+ ER_3)/3	**78%**		

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	**LYG (2020-21)**	**LYGm1 (2019-20)**	**LYGm2 (2018-19)**
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).	40	65	42
B=No. of students who graduated from the program in the stipulated course duration	32	54	40
Success Rate (SR)= (B/A)*100	**80.00**	**83.08**	**95.24**
Average SR of three batches ((SR_1+SR_2+ SR_3)/3)	**86.11**		

Note *: If the value of A in Table No. B5.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of A in Table No. B5.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No. B3.1.

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 2023-24**	**CAYm2 2022-23**	**CAYm 3 2021-22**
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)	7.12	7.12	7.12

Y= Total no. of successful students	23	42	23
Z = Total no. of students appeared in the examination	34	45	34
API = X* (Y/Z)	AP1=4.82	AP2=6.65	AP1=4.82
Average API = (API_1 + API_2 + API_3)/3	**6.07**		

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 2023-24	CAYm2 2022-23	CAYm3 2021-22
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)	7.01	6.65	7.41
Y= Total no. of successful students	28	23	34
Z =Total no. of students appeared in the examination	38	25	37
API = X* (Y/Z)	AP1=5.17	AP2=6.12	AP3=6.81
Average API = (API_1 + API_2 + API_3)/3	**6.03**		

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

Table No. B 8.1: Academic Performance of the Third Year Students of the Program

Academic Performance	CAYm1 2023-24	CAYm2 2022-23	CAYm3 2021-22
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)	7.5	7.47	7.82
Y= Total no. of successful students	23	32	55
Z= Total no. of students appeared in the examination	24	32	55
API = X* (Y/Z)	AP1=7.19	AP2=7.47	AP3=7.82
Average API = (API_1 + API_2 + API_3)/3	**7.49**		

B9: Placement, Higher Studies, and Entrepreneurship

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

Item	LYG (2020-21)	LYGm1 (2019-20)	LYGm 2 (2018-19)
FS*=Total no. of final year students	37	55	42
X= No. of students placed	22	24	19
Y= No. of students admitted to higher studies	15	28	18
Z= No. of students taking up entrepreneurship	-	-	-
X + Y + Z =	37	52	37
Placement Index (P) = (((X + Y + Z)/FS) * 100)	P_1=100	P_2=94	P-3=88
Average placement index = (P_1 + P_2 + P_3)/3	**94**		

Note *: If the value of FS in Table No. B9.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of FS in Table No. B9.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No. B3.1.

PART C: Faculty Details in Department and Allied Departments

(Data to be filled in for the **Department and Allied Departments**)

Faculty details of Department and Allied Departments

C1:

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

Faculty details CAY (2024-25)

S.N.	Name of the Faculty	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)	If contractual mention Full time or (Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is " No")
1	Manoj Sankhe	Ph. D.	NMIMS	Electronics & Telecommunication	14/06/2007	18	Assistant Professor	Professor	5/4/2018	Regular	Full Time	Yes	NA
2	Archana Bhise	Ph. D.	RGPVV	Electronics & Telecommunication	11/08/2013	12	Professor	Professor	11/08/2013	Contract	Full Time	Yes	NA
3	Avinash More	Ph.D.	NMIMS	Electronics & Telecommunication	07/01/2007	18	Assistant Professor	Associate Professor	01/03/2018	Regular	Full Time	Yes	NA

4	Ushma Ahuja	Ph.D.	MLSU, Udaipur	Electrical Engineering (Solar cell materials)	23/06/2017	9	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
5	Anjana Rodrigues	Ph.D.	NMIMS	Electronics	15/6/2007	18	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
6	Kanchan Bakade	M.Tech	IIT (Rorkee)	Electronics and Communication Engineering (RF and Microwaves)	20/06/2008	17	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
7	Sonal Parmar	Ph.D.	SVNIT (Surat)	Electronics and Telecommunication	18/02/2009	16	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
8	Vipul Gohil	M. Tech	NMIMS	Electronics & Telecommunication	23/07/2009	16	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
9	Ketki Deshmukh	M.Tech	NMIMS	Electronics and Telecommunication	21/8/2009	16	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
10	Tazeen Shaikh	M.Tech	NMIMS	Electronics & Telecommunication	21/8/2009	16	Assistant Professor	Assistant Professor	-	Regular Regular	Full Time Full Time	Yes Yes	NA
11	Sumita Nainan	Ph.D	NMIMS	Electrical (Microprocessor systems and Applications	22/7/2010	15	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA

				)									
12	Priyanka Verma	M.Tech	GSS University	Electronics & Communication	22/8/2012	13	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
13	Prashant Kharote	Ph.D	NMIMS	Electronics & Telecommunication	17/03/2013	12	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
14	Archana Bomnale	M.Tech	NMIMS	Electronics & Telecommunication	15/06/2013	12	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA

Faculty details CAYM1 (2023-24)

S.N.	Name of the Faculty	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)	If contractual mention Full time or (Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is " No")
1	Manoj Sankhe	Ph. D.	NMIMS	Electronics & Telecommunication	14/06/2007	18	Assistant Professor	Professor	5/4/2018	Regular	Full Time	Yes	NA
2	Archana Bhise	Ph. D.	RGPVV	Electronics & Telecommunication	11/08/2013	12	Professor	Professor	11/08/2013	Contract	Full Time	Yes	NA
3	Avinash More	Ph.D.	NMIMS	Electronics & Telecommunication	07/01/2007	18	Assistant Professor	Associate Professor	01/03/2018	Regular	Full Time	Yes	NA
4	Ushma Ahuja	Ph.D.	MLSU, Udaipur	Electrical Engineering (Solar cell materials)	23/06/2017	9	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
5	Anjana Rodrigues	Ph.D.	NMIMS	Electronics	15/6/2007	18	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
6	Kanchan Bakade	M.Tech	IIT (Rorkee)	Electronics and Communicatio	20/06/2008	17	Assistant Professor	Assistant	-	Regular	Full Time	Yes	NA

				n Engineering (RF and Microwaves)				Professor					
7	Sonal Parmar	Ph.D.	SVNIT (Surat)	Electronics and Telecommunication	18/02/2009	16	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
8	Vipul Gohil	M. Tech	NMIMS	Electronics & Telecommunication	23/07/2009	16	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
9	Ketki Deshmukh	M.Tech	NMIMS	Electronics and Telecommunication	21/8/2009	16	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
10	Tazeen Shaikh	M.Tech	NMIMS	Electronics & Telecommunication	21/8/2009	16	Assistant Professor	Assistant Professor	-	Regular Regular	Full Time Full Time	Yes Yes	NA
11	Sumita Nainan	Ph.D	NMIMS	Electrical (Microprocessor systems and Applications)	22/7/2010	15	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
12	Priyanka Verma	M.Tech	GSS University	Electronics & Communication	22/8/2012	13	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
13	Prashant Kharote	Ph.D	NMIMS	Electronics & Telecommunication	17/03/2013	12	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
14	Archana Bomnale	M.Tech	NMIMS	Electronics & Telecommunication	15/06/2013	12	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA

Faculty details CAY (2022-23)

S.N.	Name of the Faculty	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current 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)	If contractual mention Full time or	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is " No")
1	Manoj Sankhe	Ph. D.	NMIMS	Electronics & Telecommunication	14/06/2007	18	Assistant Professor	Professor	5/4/2018	Regular	Full Time	Yes	NA
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3	Avinash More	Ph.D.	NMIMS	Electronics & Telecommunication	07/01/2007	18	Assistant Professor	Associate Professor	01/03/2018	Regular	Full Time	Yes	NA
4	Ushma Ahuja	Ph.D.	MLSU, Udaipur	Electrical Engineering (Solar cell materials)	23/06/2017	9	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
5	Anjana Rodrigues	Ph.D.	NMIMS	Electronics	15/6/2007	18	Assistant	Assistant Professo	-	Regular	Full Tim	Yes	NA

							Professor				e		
6	Kanchan Bakade	M.Tech	IIT (Rorkee)	Electronics and Communication Engineering (RF and Microwaves)	20/06/2008	17	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
7	Sonal Parmar	Ph.D.	SVNIT (Surat)	Electronics and Telecommunication	18/02/2009	16	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
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9	Ketki Deshmukh	M.Tech	NMIMS	Electronics and Telecommunication	21/8/2009	16	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
10	Tazeen Shaikh	M.Tech	NMIMS	Electronics & Telecommunication	21/8/2009	16	Assistant Professor	Assistant Professor	-	Regular Regular	Full Time Full Time	Yes Yes	NA
11	Sumita Nainan	Ph.D	NMIMS	Electrical (Microprocessor systems and Applications)	22/7/2010	15	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
12	Priyanka Verma	M.Tech	GSS University	Electronics & Communication	22/8/2012	13	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA

13	Prashant Kharote	Ph.D	NMIMS	Electronics & Telecommunication	17/03/2013	12	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA
14	Archana Bomnale	M.Tech	NMIMS	Electronics & Telecommunication	15/06/2013	12	Assistant Professor	Assistant Professor	-	Regular	Full Time	Yes	NA

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

S.N.	Name of the Faculty	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)	If contractual mention Full time or (Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is "No")
1													
..													

Student-Faculty Ratio (SFR)

C2: No. of UG(Engineering) programs in Department including allied departments/ clusters (UG_n):

- UG_1=1st UG program
  UG_n=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 (PG_m):

- 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)).

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

Year	**CAY**	**CAYm1**	**CAYm2**
UG1. B // 2nd year students of UG1 program	60	63	62
UG1. C // 3nd year students of UG1 program	63	62	60
UG1. D // 4th year students of UG1 program	62	60	60
UG1 // Total no.of students(2nd, 3rd, 4th) in UG1 program	185	185	182
…	-	-	-
UGn. B // 2nd year students of UGn program	-	-	-
UGn. C // 3nd year students of UGn program	-	-	-
UGn. D // 4th year students of UGn program	-	-	-
UGn // Total no.of students(2nd, 3rd, 4th) in UGn program	UGn.B+UGn.C+UGn.D	UGn.B+UGn.C+UGn.D	UGn.B+UGn.C+UGn.D
PG1. A // 1st year students of PG1 program	-	-	-
PG1. B // 2nd year students of PG1 program	-	-	-
PG1 // Total no.of students(1st, 2nd) in PG1 program	PG1.A+ PG1.B	PG1.A+ PG1.B	PG1.A+ PG1.B
…..	-	-	-
PGm. A // 1st year students of PGm program	-	-	-
PGm. B // 2nd year students of PGm program	-	-	-
PGm // Total no.of students(1st, 2nd) in PGm program	PGm.A+ PGm.B	PGm.A+ PGm.B	PGm.A+ PGm.B
DS=Total no. of students in all UG and PG programs in the Department	185	185	182
AS=Total no. of students of all UG and PG programs in allied departments	-	-	-
S=Total no. of students in the Department (DS) and allied departments (AS)	S1=185	S2=185	S3=182
DF=Total no. of faculty members in the Department	14	14	14
AF= Total no. of faculty members in the allied Departments	-	-	-

F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1=14	F2=14	F3=14
FF=The faculty members in F who have a 100% teaching load in the first-year courses	FF1=0	FF2=0	FF3=0
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= S1/(F1-FF1)= 13.21	SFR2=S2/(F2- FF2) = 13.21	SFR3=S3/(F3- FF3) = 13
Average SFR for 3 years	**Average SFR=(SFR1+SFR2+SFR3)/3 = 13.14**		

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	FQI= 2.5 * [(10X +4Y)/RF]
CAY	8	6	9	29
CAYm1	8	6	9	29
CAYm2	8	6	9	29

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	1	2	2	1	6	11
CAYm1	1	2	2	1	6	11
CAYm2	1	2	2	1	6	11
Average Numbers	RF1=1	AF1=2	RF2=2	AF2=1	RF3=6	AF3=11

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				
1	Mr. Abhishek Kodilkar	Technical Architect, Nayara Technologies Pvt. Ltd. Mumbai	Network Security (Elective)	60
2	Mr. Bhavik Shah	Leader, Project Management, Western Union, Pune	Data Structures and Algorithms	105
			Total no. of hours:	165
CAYm2				
1	Mr. Abhishek Kodilkar	Technical Architect, Nayara Technologies Pvt. Ltd. Mumbai	Cloud Computing	60
..				
			Total no. of hours:	60
CAYm3				
1	Mr. Bhavik Shah	Leader, Project Management, Western Union, Pune	Management Accounting for Engineers	30
..				
			Total no. of hours:	30

C6: Academic Research

Table No. C6.1: Faculty publication details.

S.N.	Item	CAYm1	CAYm2	CAYm3
1	No. of peer reviewed journal papers published	9	10	7
2	No. of peer reviewed conference papers published	11	18	9
3	No. of books/book chapters published	22	19	-

C7: Sponsored Research Project

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

S.N.	PI name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
CAYm1							
1							
..							
						Amount received (Rs.)	
CAYm2							
1							
…							
						Amount received (Rs.)	
CAYm3							
1	Dr. Avinash More	Dr. Archana Bhise and Dr. Anjana Rodrigues	Department of Electronics and Telecommunication Engineering	Deep-learning Approach for Securing Video-based Transmission systems	DST	3 Years	Rs. 16.60 lacs
..							
						Amount received (Rs.)	Rs. 16.60 lacs
						Total Amount (Lacs) Received for the Past 3 Years	Rs. 16.60 lacs

C8: Consultancy Work

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

S.N.	PI name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
CAYm1							
1							
..							
						Amount received (Rs.)	
CAYm2							
1							
…							
						Amount received (Rs.)	
CAYm3							

1	Priyanka Verma		Department of Electronics and Telecommunication Engineering	Skills and Personality Development Centre for SC/ST students	SPDC, AICTE	1 Year	Rs. 13.50 Lakhs
..							
						Amount received (Rs.)	Rs. 13.50 Lakhs
						Total amount (Lacs) received for the past 3 years	Rs. 13.50 Lakhs

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

S.N.	Faculty name	Project title/ Support for Activity	Duration	Amount (Lacs)	Amount Utilized (Lacs)	Outcomes of the project
CAYm1(23-24)						
1	Prof. Priyanka Verma	Deep Learning-Based Localization and Classification of Surgical Instruments	1 year	Rs. 2 lac	Rs. 2 lac	Applied in content development and research publication https://doi.org/10.1504/IJCVR.2025.142918
..						
Amount received (Rs.) 2 lacs						
CAYm2 (22-23)						
1	Sonal Parmar	Optimized UAV Communication Strategies for Enhanced Disaster Response and Management	1 year	Rs. 2 lacs	Rs. 2 lacs	Applied in student projects and Shaikh, Aamir & Parmar, Sonal. (2024). Efficient Techniques for UAV Communication in Disaster Management. 24. 123-131.
2	Prashant Kharote	AI-Powered Automated Detection and Grading of Cancer in Multiparametric MRI	1 year	Rs. 1 lac	Rs. 1 lac	Applied in content development and Research publication https://doi.org/10.1504/IJBET.2022.128088
3	Archana Bhise	Quantum Machine Learning for Advanced Risk Identification and Analysis	1 year	Rs. 1 lac	Rs. 1 lac	Applied in content development and syllabus development and research publication https://doi.org/10.1007/978-3-031-21750-0_24
				Amount received (Rs.)	**4 lacs**	

CAYm3 (21-22)						
1	Prof. Vipul Gohil	Optimized Routing Path Mechanism for Efficient Data Transmission in UAV Communication Networks	1 year	Rs. 1 lac	Rs. 1 lac	Applied in student projects and research publication https://doi.org/10.1007/978-981-99-5792-7_1
2	Prof. Kanchan Bakade	Intelligent Routing Path Mechanism for Enhanced Data Transmission in UAV Communication Networks	1 year	Rs. 1 lac	Rs. 1 lac	Applied in student projects and research publication https://doi.org/10.1007/978-981-99-5792-7_1
3	Dr. Archana Bhise	Automated 3D Point Cloud Processing for Indoor Structural Information Extraction	1 year	Rs. 1 lac	Rs. 1 lac	Applied in student projects and research publication https://www.scopus.com/sourceid/21101021990
4	Dr. Manoj Sankhe	CNN-Based Efficient Tumor Segmentation in Brain MRI Images	1 year	Rs. 1 lac	Rs. 1 lac	Applied in student projects and research publication https://doi.org/10.1007/978-981-19-9379-4_53
5	Dr. Avinash More	Energy-Efficient Data Routing and Aggregation in Wireless Sensor Networks	1 year	Rs. 1 lac	Rs. 1 lac	Applied in student projects and research publication https://doi.org/10.1007/s11227-023-05800-4
6	Dr. Sumita Nainan	Deep Learning for Identifying illegal civil practices	1 year	Rs. 1 lac	Rs. 1 lac	Applied in student projects https://doi.org/10.1007/978-981-97-6684-0_15
7	Prof. Priyanka Verma	Classification of Glioma Tumors Using Clinical and Molecular Mutation Data	1 year	Rs. 1 lac	Rs. 1 lac	Applied in student projects and research publication d oi: 10.1007/s00210-023-02660-w.
8	Dr. Prashant Kharote	Cybersecurity techniques-threats and mitigation methods	1 year	Rs. 1 lac	Rs. 1 lac	Applied in student projects and research publication https://doi.org/10.1007/978-981-97-1323-3_24

9	Prof. Archana Bomnale	Node Utilization Index-Based Data Routing and Aggregation Protocol for Energy-Efficient Wireless Sensor Networks	1 year	Rs. 2 lacs	Rs. 2 lacs	Applied in student projects and research publication https://doi.org/10.1007/s11227-023-05800-4
10	Dr. Ushma Ahuja	Price efficient perovskites-electronic and optical first principles study	1 year	Rs. 1 lac	Rs. 1 lac	Applied in student projects and research publication doi: 10.1088/1402-4896/acd22f
Amount received (Rs.) 11 lacs						
Total amount (Lacs) received for the past 3 years					**Rs. 17 lacs**	

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

S.N.	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	Basic Communication lab	30	Analog and Digital Communication Lab Kits, Lucas Nulle Kits, Satellite Communication trainer kits, GPS kits	36 to 48	Mrs. Vaishali Jadhav	Lab Assistant	Diploma in Industrial Electronics
2	Digital Electronics Lab	30	VoIP set up on Lucas kits, CRO, Power Supply, Function Generator, DSP kits, Control system kits	36 to 48	Mrs. Neeta Patil	Lab Assistant	Diploma in Industrial Electronics
3	Advanced Communication Lab	30	Antenna - Radar kits, Lucas Microwave kits, Laser Fiber Optics Trainer kits, Power Supply, Function Generator, CRO,	36 to 48	Mrs. Geeta Chaudhari	Lab Assistant	Diploma in Electronics and Communication Engineering
4	Embedded system	30	8051 kits ,PIC kits, ARM 7 kits, Bluetooth trainer module, Zigbee trainer module, Ethernet module, and IoT Components-boards, sensors etc.	36 to 48	Mrs. Janhavi Gharat	Lab Assistant	Diploma in Electronics and video engineering
5	Basic Electrical and Electronics Engineering Lab (Hardware Lab II)	35	CRO, Power Supply, Function Generator, Multi-meters etc.	50	Mrs. Nilima Marchande	Lab Assistant	Diploma in Industrial Electronics
6	Basic Electronics and Electrical Workshop Lab (Hardware lab III)	35	CRO, Power Supply, Function Generator, Multi-meters, PC etc.	60	Mrs. Nazia Ansari	Lab Assistant	BSC (IT)
7	Basic Electrical and Electronics Lab (SBMP Phase I)	30	CRO, Power Supply, Function Generator, Multi-meters, PC etc.	50	Mr. Yash Balani	Lab Assistant	Diploma in Electronics and Communication Engineering and B COM
8	AI Lab	25	AI software	50	Mr. Mithilesh Thakur	Lab Assistant	Diploma Digital Electronics

D2: Safety Measures in Laboratories

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

S.N.	Name of the Laboratory	Safety measures
1	Basic Communication lab	• Fire Extinguisher • Smoke and Heat Detector • Circuit Breakers & Fuses (overload protection) • Warning Signage & Safety Posters (electrical hazard, fire safety, emergency exits)
2	Digital Electronics Lab	• Fire Extinguisher • Smoke and Heat Detector • Circuit Breakers & Fuses (overload protection) • Warning Signage & Safety Posters (electrical hazard, fire safety, emergency exits)
3	Advance Communication Lab	• Fire Extinguisher • Smoke and Heat Detector • Circuit Breakers & Fuses (overload protection) • Warning Signage & Safety Posters (electrical hazard, fire safety, emergency exits)
4	Embedded system Lab	• Fire Extinguisher • Smoke and Heat Detector • Circuit Breakers & Fuses (overload protection) • Warning Signage & Safety Posters (electrical hazard, fire safety, emergency exits)
5	Basic Electronics and Electrical Workshop Lab (Hardware lab III)	• Fire Extinguisher • Smoke and Heat Detector • Circuit Breakers & Fuses (overload protection) • Warning Signage & Safety Posters (electrical hazard, fire safety, emergency exits)
6	Basic Electrical and Electronics Engineering Lab (Hardware Lab II)	• Fire Extinguisher • Smoke and Heat Detector • Circuit Breakers & Fuses (overload protection) • Warning Signage & Safety

		Posters (electrical hazard, fire safety, emergency exits)
7	Basic Electrical and Electronics Lab (SBMP Phase I)	• Fire Extinguisher • Smoke and Heat Detector • Circuit Breakers & Fuses (overload protection) • Warning Signage & Safety Posters (electrical hazard, fire safety, emergency exits)

D3: Project Laboratory/Research Laboratory

Table No. D3.1: List of project laboratory/research laboratory /Centre of Excellence.

S.N.	Name of the Laboratory
1	Robotics Laboratory
2	IOT & Sensorics Laboratory
3	AI Lab
4	Research Discussion Rooms and Facilities available in Institute Library

PART E: Fist 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))/RF4
CAY (2024-25)	1080	54	52	25	0.86
CAYm1 (2023-24)	1080	54	52	25	0.86
CAYm2	1080	54	49	25	0.82

(2022-23)					

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

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

Items	**Budget in CFY** 24-25	**Actual expenses in CFY** - 24-25	**Budget in CFYm1** 23-24	**Actual Expenses in CFYm1** 23-24	**Budget in CFYm2** 22-23	**Actual Expenses in CFYm2** 22-23	**Budget in CFYm3** 21-22	**Actual Expenses in CFYm3** 21-22
Infrastructure Built-Up	13,770	0	14,075	0	10,651.44	13,583.53	6,900	13,505.59
Library	80	60.02	75	83.86	70	71.98	65	44.19
Laboratory equipment	65	22.82	600	123.43	280	15.01	380	90.79
Teaching and non-teaching staff salary	5,909.55	4,546.21	5,824.88	4,799.17	5,371.52	4,705.70	4,519.73	4,233.24
Outreach Programs	35	33.45	67.50	57.99	55	51.24	50	17.38
R&D	30	14.58	50	7.17	30	9.05	20	7.75
Training, Placement and Industry linkage	65	19.36	60	32.15	48	67.96	29	37.3
SDGs	35	33.45	67.50	57.99	55	51.24	50	17.38
Entrepreneurship								
Others*, pl. specify (DEP ON ASSET, RES & MAINT, ADM EXPNS, MUNICIPAL TAXES, OTHE R INCIDETALA EXP)	6447.99	18012.85	4413.99	26,165.90	4570.10	4,858.76	3367.67	3,468.15
Total amount	26,437.54	22,742.73	25233.87	31,327.66	21131.06	23,414.47	15381.40	21,421.77

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

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

Items	Budget in CFY 24-25	Actual expenses in CFY - 24-25	Budget in CFYm1 23-24	Actual Expenses in CFYm1 23-24	Budget in CFYm2 22-23	Actual Expenses in CFYm2 22-23	Budget in CFYm3 21-22	Actual Expenses in CFYm3 21-22
Laboratory equipment	1.56	0.55	12.15	2.50	7.74	0.41	11.07	2.64
Software	0.36	0.02	0.51	0.15	0.69	0.01	0.58	0.04
SDG's	1.68	1.60	2.73	2.35	3.04	2.83	2.91	1.01
Support for faculty Development	1.44	0.57	1.22	0.15	1.66	0.07	1.46	0.22
R&D	0.72	0.35	1.01	0.15	0.83	0.25	0.58	0.23
Industrial Training, industry expert, Internship	1.56	0.46	1.22	0.65	1.33	1.88	0.84	1.09
Miscellaneous expenses	154.46	420.58	89.39	142.36	126.28	134.17	98.07	100.89
Total	161.77	424.13	108.22	148.3	141.56	139.62	115.52	106.11