

NATIONAL BOARD OF ACCREDITATION

Data Capturing Points of the Program Applied for NBA Accreditation– Tier I/II UG (Engineering) Institute Programs

Program Name : Electronics and Telecommunication Engineering	Discipline : Engineering & Technology
Level : Under Graduate	Tier : 2
Application No : 11993	Date of Submission : 01-07-2026

PART A- Profile of the Institute

A1.Name of the Institute : YASHODA TECHNICAL CAMPUS, SATARA	
Year of Establishment : 2011	Location of the Institute: S NO 242 NH4 WADHE PHATA SATARA
A2. Institute Address :S. NO. 242, NH-4 WADHE PHATE SATARA	
City:Satara	State:Maharashtra
Pin Code:415015	Website:www.yes.edu.in
Email:registrar_ytc@yes.edu.in	Phone No(with STD Code):02162-271238
A3. Name and Address of the Affiliating University (if any):	
Name of the University : Dr. Babasaheb Ambedkar Technological University	City: Raigad
State : Maharashtra	Pin Code: 402104
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: **9**
- No. of PG programs: **4**

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	Computer Application	PG	Master in Computer Applications	2011	--	Computer Application
2	Engineering & Technology	Diploma	Artificial intelligence (AI) and Machine Learning	2023	--	Artificial Intelligence and Machine Learning
3	Engineering & Technology	UG	Artificial Intelligence and Data Science	2022	--	Artificial Intelligence and Data Science
4	Engineering & Technology	UG	Civil Engineering	2011	--	Civil Engineering
5	Engineering & Technology	Diploma	Civil Engineering	2013	--	Civil Engineering
6	Engineering & Technology	Diploma	Computer Engineering	2022	--	Computer Engineering
7	Engineering & Technology	PG	Computer Science and Engineering	2024	--	Computer Science and Engineering
8	Engineering & Technology	UG	Computer Science and Engineering	2011	--	Computer Science and Engineering
9	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2024	--	Computer Science and Engineering
10	Engineering & Technology	UG	Electrical Engineering	2011	--	Electrical Engineering
11	Engineering & Technology	Diploma	Electrical Engineering	2014	--	Electrical Engineering
12	Engineering & Technology	Diploma	Electronics and Telecommunication Engineering	2025	--	Electronics and Telecommunication Engineering

13	Engineering & Technology	UG	Electronics and Telecommunication Engineering	2011	--	Electronics and Telecommunication Engineering
14	Engineering & Technology	Diploma	Information Technology	2023	2025	Information Technology
15	Engineering & Technology	Diploma	Mechanical Engineering	2013	--	Mechanical Engineering
16	Engineering & Technology	UG	Mechanical Engineering	2011	--	Mechanical Engineering
17	Engineering & Technology	PG	Mechanical Engineering	2017	--	Mechanical Engineering
18	Engineering & Technology	UG	Mechatronics Engineering	2024	--	Mechatronics Engineering
19	Engineering & Technology	UG	Robotics and Artificial Intelligence	2024	--	Robotics and Artificial Intelligence
20	Management	PG	Master of Business Administration	2011	--	Management

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
Civil Engineering	No	Civil Engineering	UG
Electronics and Telecommunication Engineering	No	Electronics and Telecommunication Engineering	UG
Mechanical Engineering	No	Mechanical Engineering	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)

No Record

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	Electronics and Telecommunication Engineering	UG	2011 / --	60	Yes	2024	120	2024	Western/1-43655307029/2024/EOA Date of Approval: 21-May-2024	Not accredited (specify visit dates, year)	07/03/2025	09/03/2025	0	4

Sanctioned Intake for Last Five Years for the Electronics and Telecommunication Engineering														
Academic Year			Sanctioned Intake											
2025-26			120											
2024-25			120											
2023-24			90											
2022-23			30											
2021-22			30											
2020-21			30											

List of the Allied Departments/Cluster and Programs:

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

A. Name of the HoD :	Dr. Santosh Sudhakar Itraj
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)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	120	120	90	30	30	30	30
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	91	106	68	29	17	5	3
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	29	36	6	17	31	15
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	6	7	13	4	3	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	97	142	117	39	37	36	18

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	91	6	80.83
2024-25 (CAYm1)	120	106	7	94.17
2023-24 (CAYm2)	90	68	13	90.00

Average [(ER1 + ER2 + ER3) / 3] = 88.33≅ 17.00

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).	37.00	36.00	33.00
B=No. of students who graduated from the program in the stipulated course duration	28.00	18.00	13.00
Success Rate (SR)= (B/A) * 100	75.68	50.00	39.39

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 55.02

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)	7.21	6.19	6.44

Y=Total no. of successful students	89.00	67.00	27.00
Z=Total no. of students appeared in the examination	113.00	81.00	33.00
API [X*(Y/Z)]	5.68	5.12	5.27

Average API[(AP1+AP2+AP3)/3] : 5.36

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 2nd year/10)	6.56	5.85	6.25
Y=Total no. of successful students	96.00	29.00	34.00
Z=Total no. of students appeared in the examination	103.00	33.00	35.00
API [X * (Y/Z)]	6.11	5.14	6.07

Average API [(AP1 + AP2 + AP3)/3] : 5.77

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)	7.09	6.18	6.50
Y=Total no. of successful students	29.00	30.00	18.00
Z=Total no. of students appeared in the examination	29.00	34.00	23.00
API [X*(Y/Z)]:	7.09	5.45	5.09

Average API [(AP1 + AP2 + AP3)/3] : 5.88

B9. Placement, Higher Studies, and Entrepreneurship

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

Item	LYG (2021-22)	LYGm1(2020-21)	LYGm2(2019-20)
FS*=Total no. of final year students	37.00	36.00	33.00
X=No. of students placed	27.00	15.00	11.00
Y=No. of students admitted to higher studies	0.00	0.00	1.00
Z= No. of students taking up entrepreneurship	2.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	78.38	41.67	36.36

Average Placement Index = (P_1 + P_2 + P_3)/3: 52.14 Placement Index Points:

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. Santosh Sudhakar Itraj	XXXXXXXX02K	M.E. and Ph.D.	Shivaji University	Electronics	01/09/2021	4.8	Associate Professor	Associate Professor	01/11/2021	Regular	No	30/05/2026	Yes
2	Dr. Bhandari Kiran Ashok	XXXXXXXX54N	M.E. and Ph.D.	SGGSIE&T, Nanded	Electronics	09/06/2025	0.11	Professor	Professor	09/06/2025	Regular	No	30/05/2026	Yes
3	Dr. Mohite Amruta Umesh	XXXXXXXX06P	M.E. and Ph.D.	Shivaji University	Electronics	01/07/2019	7	Assistant Professor	Assistant Professor		Regular	Yes		No
4	Dr. Praveen Kumar	XXXXXXXX18N	M.Tech and Ph.D.	NIT Jamshedpur	RF and microwave engineering	05/05/2025	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
5	Mr. Patel Jahir Husen	XXXXXXXX49D	M.E.	Shivaji University	Electronics	01/06/2016	10	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Mrs. Pandit Vaishnavi Avadhoot	XXXXXXXX57Q	M.E.	Shivaji University	Electronics	05/06/2024	2	Assistant Professor	Assistant Professor		Regular	Yes		
7	Mr. Patil Milin Dattatray	XXXXXXXX64D	M.E.	Shivaji University	E&TC	02/07/2024	1.11	Assistant Professor	Assistant Professor		Regular	Yes		
8	Mr. Nalage Sandeep Ravikant	XXXXXXXX24C	M.E.	Shivaji University	Electronics & Tele-Communication	01/07/2024	1.11	Assistant Professor	Assistant Professor		Regular	Yes		
9	Mrs. Nalage Sandhya Sandeep	XXXXXXXX78E	M.E.	Solapur University	Electronics	01/07/2024	1.11	Assistant Professor	Assistant Professor		Regular	Yes		
10	Ms. Idete Ketaki Vaibhav	XXXXXXXX53Q	M.E.	SPPU Pune	Digital System	01/08/2023	2.10	Assistant Professor	Assistant Professor		Regular	No	30/06/2026	
11	Dr. Subhash Suman	XXXXXXXX48M	M.Tech and Ph.D.	IIIT, Ranchi	Optical Wireless Communication	16/06/2025	1	Assistant Professor	Assistant Professor		Regular	Yes		
12	Dr. Shinde Kishor Rajendrakumar	XXXXXXXX90J	M.E. and Ph.D.	Shri JYT University	Electronics & Communication Engineering	11/06/2018	8	Assistant Professor	Assistant Professor		Regular	Yes		
13	Dr. Amit Pandey	XXXXXXXX27C	M.E. and Ph.D.	Nirma University, Ahmedabad	Control Systems	05/07/2024	1.11	Assistant Professor	Assistant Professor		Regular	Yes		
14	Mr. Sarade Shrenik Suresh	XXXXXXXX95Q	M.E.	Shivaji University, Kolhapur	Electronics	12/06/2023	0.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
15	Mr. Dineshkumar P	XXXXXXXX97A	M.E.	Anna University, Chennai	High Voltage Engineering	03/07/2023	2.11	Assistant Professor	Assistant Professor		Regular	Yes		No

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

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 Department1 No. of PG Programs in the Department0

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	132	99	33
UG1.C	99	33	33
UG1.D	33	33	33
UG1: Electronics and Telecommunication Engineering	264	165	99
DS=Total no. of students in all UG and PG programs in the Department	264	165	99
AS=Total no. of students of all UG and PG programs in allied departments	0	0	0
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 264	S2= 165	S3= 99
DF=Total no. of faculty members in the Department	14	11	7
AF= Total no. of faculty members in the allied Departments	0	0	0
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 14	F2= 11	F3= 7
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= 18.86	SFR2= 15.00	SFR3= 14.14
Average SFR for 3 years	SFR= 16.00		

C3. Faculty Qualification

- Faculty qualification index (FQI) = $2.5 \times [(10X + 4Y)/RF]$ 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	$FQ = 2.5 \times [(10X + 4Y) / RF]$
2025-26(CAY)	5	9	13.00	16.54
2024-25(CAYm1)	2	9	8.00	17.50
2023-24(CAYm2)	1	6	4.00	21.25

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = $1/9 \times$ 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 = $2/9 \times$ 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 = $6/9 \times$ 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 RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	1.00	1.00	3.00	1.00	9.00	12.00
2024-25	1.00	0.00	2.00	1.00	6.00	10.00
2023-24	1.00	0.00	1.00	1.00	3.00	6.00
Average	RF1=1.00	AF1=0.33	RF2=2.00	AF2=1.00	RF2=6.00	AF2=9.33

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.

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Ajinkya Dixit	Founder	Aerobotix Techsolutions, Kolhapur	Getting started with Arduino and IoT	60.00
2	Mr.Tushar Inamdar	Director	Squarewave Technologies, Satara	Industrial Automation	60.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr. Y.S. Rao	Director	Go-Green Technologies, Mumbai	Cyber Physical System Design and Case Study on IOT Applications	60.00
2	Mr.Tushar Inamdar	Director	Squarewave Technologies, Satara	Basic Delta PLC Programming & Logic Solving Skills	60.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Arif Shaikh	Director	SKILL AND CAREER DEVELOPMENT TRAINING PROGRAM	Arduino Microcontroller, IOT and PCB Design	60.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	0	2	0
2	No. of peer reviewed conference papers published	8	1	3
3	No. of books/book chapters published	1	0	0

C7. Sponsored Research Project

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

(CAYm1)

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) i.e. 15,25,000=15.25
Mr.J.H Patel	Dr. S. S. Itraj	Electronics & Telecommunication	Voice Activated Smart Home Automation System	Go Green Technologies, Mumbai	6 Months	0.50
Dr. Amruta U Mohite	Mr. Sandeep R Nalage	Electronics & Telecommunication	Automatic Hydroponic Farming Syatem	Pristine Technology,Thane, Mumbai	6 Months	1.00
Mr. Sandeep R Nalage	Mrs. Sandhya S Nalage	Electronics & Telecommunication	Automatic Curtain operating system using IoT	Hotel Vedantaa, Mahabaleshwar	6 Months	0.50
						Amount received (Rs.):2.00

(CAYm2)

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) i.e. 15,25,000=15.25
Dr. Amruta U Mohite	Mr. J.H.Patel	Electronics & Telecommunication	EV Charging Station	NMOS System & Semiconductor Limited,Pune	6 months	0.50
						Amount received (Rs.):0.50

(CAYm3)

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) i.e. 15,25,000=15.25
Dr.S.S.Itraj	Mr.J.H.Patel	Electronics & Telecommunication	Bluetooth Based LED Matrix Display Board	Aerobotix, Kolhapur	6 Months	0.50
						Amount received (Rs.):0.50

Total Amount (Lacs) Received for the Past 3 Years: 3.00

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)

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) i.e. 15,25,000=15.25
Dr.Itraj S.S.	Mr. J.H.Patel	Electronics & Telecommunication	Self charging Electric Bike	Go Green Technologies,Mumbai	6 Months	1.50
Dr. Amruta U Mohite	Mr. Sandeep R Nalage	Electronics & Telecommunication	Autonomous Delivery Robot	Aerobotz,Aashita,Sangali	6 Months	0.50
Mr. Sandeep R Nalage	Dr.Amruta U Mohite	Electronics & Telecommunication	IoT based water management system	Hotel vedantaa,Mahabaleshwar	6 months	1.00
Mr. Sandeep R Nalage	Mrs. Sandhya S Nalage	Electronics & Telecommunication	Bluetooth Based Alphabet Educational System	Teachknow Pvt. Ltd. Satara	6 Months	3.00
Mr. Sandeep R Nalage	Dr. Amruta U Mohite	Electronics & Telecommunication	Solar Grid Design and Solar Layout	S Unlimited, Satara	6 Months	4.00
Mr. Sandeep R Nalage	Dr. Amruta U Mohite	Electronics & Telecommunication	Attendance Monitoring System	New English School Nune	6 Months	1.00
Dr. Amruta U Mohite	Mr. Sandeep R Nalage	Electronics & Telecommunication	Attendance Monitoring System	Sadhana English Medium school satara	6 Months	1.00
Mr. Sandeep R Nalage	Mrs. Sandhya S Nalage	Electronics & Telecommunication	Attendance Monitoring System	Global English Medium School, Umbraj	6 Months	1.00
						Amount received (Rs.):13.00

(CAYm2)

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) i.e. 15,25,000=15.25
Mr. J.H Patel	Mrs. Ketaki Idade	Electronics & Telecommunication	Smart Water Management System Using Raspberry Pi	Aerobotix.Kolhapur	6 Months	1.00
Dr.Itraj S.S.	Mr. Shrenik Sarade	Electronics & Telecommunication	IoT Based Shutter Security System	Nilesh Electrical Mahabaleshwar	6 months	1.00
Dr. Amruta U Mohite	Mr. J.H Patel	Electronics & Telecommunication	Lawn grass cutting system	Hotel vedantaa,Mahabaleshwar	6 months	0.50
Dr. Amruta U Mohite	Mr. Shrenik Sarade	Electronics & Telecommunication	Automatic Garden light system	Hotel vedantaa,Mahabaleshwar	6 months	0.50
						Amount received (Rs.):3.00

(CAYm3)

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) i.e. 15,25,000=15.25
Dr. Amruta U Mohite	Mr. J.H.Patel	Electronics & Telecommunication	ML Based House Price Prediction	Aerobotix,Kolhapur	6 Months	0.25
						Amount received (Rs.):0.25

Total amount (Lacs) received for the past 3 years: 16.25

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)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Prof. Patel J. H.	Web Application on Home	6 Months	0.20	0.20	Working Prototype
Dr. Itraj S.S.	Predictive Analysis of Different Parameters In Vehical By Respberry Pi Pico	6 Months	0.30	0.30	Working Prototype
Dr. Mohite A.U.	Intelligent Solor - Based Battery Automation and Gas Fire Aire Alert System With GSM	6 Months	0.30	0.30	Working Prototype
Prof. Idate K.V	Smart Health Care Application For Real Time Hospital Bed Management	6 Months	0.25	0.25	Working Prototype
Prof. Pandit V. A.	Collision Avoidance Safety System	6 Months	0.30	0.30	Working Prototype
Mr.Dinesh kumar P.	IOT Based Smart Agriculture Monitoring System	6 Months	0.30	0.30	Working Prototype
Prof. Idate K.V	Enhance Vehicle Safety And Accident Prevention System	6 Months	0.40	0.40	Working Prototype
			Amount received (Rs.): 2.05		

(CAYm2)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Mrs. Ketaki Widade	Robotics Car	6 Months	0.30	0.30	Working Prototype
Dr.S.S.Itraj	Spy Robo using Raspberry Pi	6 Months	0.50	0.50	Working Prototype
Dr.S.S.Itraj	Smart Wireless Electric Vehicle charging System	6 Months	0.40	0.40	Working Prototype
			Amount received (Rs.): 1.20		

(CAYm3)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Dr. K..R Shinde	Animal Repeller System	6 Months	1.00	0.60	Working Prototype
Dr. K..R Shinde	Automatic Fogging System	6 Months	0.50	0.50	Working Prototype
Mr.N.V Deshmukh	Face Recognition Based Attendance System	6 Months	0.50	0.50	Working Prototype
Dr. S. S. Itraj	Solar Powered Grass Cutter	6 Months	0.75	0.50	Working Prototype
			Amount received (Rs.): 2.75		

Total amount (Lacs) received for the past 3 years : 6.00

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	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Analog Electronics Lab	20	Cathode Ray Oscilloscope, Digital Storage Oscilloscope, Function Generator, Dual Power Supplies, Digital Multi-	16 Hrs	Mrs. Medha Kadale	Lab Technician	Diploma ENTC

2	Digital Electronics	20	Digital IC Tester, Digital MSI Trainers, DSO, Function Generator with frequency counter, Dual DC Power Supply, Logic Family Trainer kit	16 Hrs	Mrs. Medha Kadale	Lab Technician	Diploma ENTC
3	Communication and Microwave Lab	20	Analog communication Trainer's kit, Digital Communication Trainers kit, DSOs, Dual Power Supply, Function generator, Spectrum analyzer, Microwave test bench, Antenna Trainer	16 Hrs	Mrs. Depali M Kangude	Lab Technician	Diploma ENTC
4	Embedded System Lab	20	Intel 8085, Microprocessor kits, 8051 Micro Controller kits, ARM Development Boards	22 Hrs	Mrs. Depali M Kangude	Lab Technician	Diploma ENTC
5	DSP & VLSI Lab	20	Texas Instruments DSP ProcessorTMS320C6748trainer, (15/12th, 16GB RAM, 500GB SSD, 2GB Graphics, LED Monitor, Tower Cabinet, USB, K/B, Mouse), FPGA, CPLD	16 Hrs	Mrs. Nayan Ingale	Lab Technician	Diploma Computer
6	Project & Research Lab	20	DSP Processor Trainer (TMS320C6748), FPGA & CPLD Trainers, DSO, Function Generator, Dual Power Supply, Analog IC Trainer, Logic Family Trainer, ARM Development Boards	20 Hrs	Mrs. Nayan Ingale	Lab Technician	Diploma Computer

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Analog Electronics Lab	➤ Display of laboratory safety guidelines and emergency instructions. ➤ Display of emergency contact details ➤ Regular inspection and maintenance of computer register ➤ Electrical safety measures (earthing, MCB/ELCB, safe wiring) ➤ First aid box facility and periodic checking ➤ Fire extinguisher availability and maintenance ➤ Clean and organized laboratory environment ➤ Periodic laboratory safety audit ➤ Availability of equipment manuals ➤ Adequate ventilation and lighting facilities
2	Digital Electronics Lab	➤ Display of laboratory safety guidelines and emergency instructions. ➤ Display of emergency contact details ➤ Regular inspection and maintenance of computer register ➤ Electrical safety measures (earthing, MCB/ELCB, safe wiring) ➤ First aid box facility and periodic checking ➤ Fire extinguisher availability and maintenance ➤ Clean and organized laboratory environment ➤ Periodic laboratory safety audit ➤ Availability of equipment manuals ➤ Adequate ventilation and lighting facilities
3	Communication and Microwave Lab	➤ Display of laboratory safety guidelines and emergency instructions. ➤ Display of emergency contact details ➤ Regular inspection and maintenance of computer register ➤ Electrical safety measures (earthing, MCB/ELCB, safe wiring) ➤ First aid box facility and periodic checking ➤ Fire extinguisher availability and maintenance ➤ Clean and organized laboratory environment ➤ Periodic laboratory safety audit ➤ Availability of equipment manuals ➤ Adequate ventilation and lighting facilities
4	Embedded System Lab	➤ Display of laboratory safety guidelines and emergency instructions. ➤ Display of emergency contact details ➤ Regular inspection and maintenance of computer register ➤ Electrical safety measures (earthing, MCB/ELCB, safe wiring) ➤ First aid box facility and periodic checking ➤ Fire extinguisher availability and maintenance ➤ Clean and organized laboratory environment ➤ Periodic laboratory safety audit ➤ Availability of equipment manuals ➤ Adequate ventilation and lighting facilities
5	DSP & VLSI Lab	➤ Display of laboratory safety guidelines and emergency instructions. ➤ Display of emergency contact details ➤ Regular inspection and maintenance of computer register ➤ Electrical safety measures (earthing, MCB/ELCB, safe wiring) ➤ First aid box facility and periodic checking ➤ Fire extinguisher availability and maintenance ➤ Clean and organized laboratory environment ➤ Periodic laboratory safety audit ➤ Availability of equipment manuals ➤ Adequate ventilation and lighting facilities
6	Project & Research Lab	➤ Display of laboratory safety guidelines and emergency instructions. ➤ Display of emergency contact details ➤ Regular inspection and maintenance of computer register ➤ Electrical safety measures (earthing, MCB/ELCB, safe wiring) ➤ First aid box facility and periodic checking ➤ Fire extinguisher availability and maintenance ➤ Clean and organized laboratory environment ➤ Periodic laboratory safety audit ➤ Availability of equipment manuals ➤ Adequate ventilation and lighting facilities

D3. Project Laboratory/Research Laboratory

--

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= $((NS1*0.8) + (NS2*0.2)) / RF$
2023-24(CAYm2)	360	18	13	10	69
2024-25(CAYm1)	630	32	23	17	68
2025-26(CAY)	720	36	26	13	65

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 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Infrastructure Built-Up	30000000	26042957	6000000.00	5508853.00	2000000	1663226	9000000	8783711
Library	2000000	1570577	4000000.00	3507644.00	4625000	4380718	2400000	1926275
Laboratory equipment	55000000	50830475	12000000.00	10058901.30	20500000	19353131	21000000	19241282
Teaching and non-teaching staff salary	180000000	171094843	120000000.00	113450135.00	72500000	71594729	60000000	56965519
Outreach Programs	1500000	1347107	15000.00	10363.00	0	0	0	0
R&D	2000000	1895080	1300000.00	1091590.00	200000	0	0	0
Training, Placement and Industry linkage	4000000	3584809	2500000.00	2007776.00	800000	667404	500000	423800
SDGs	4075000	3810692	2205000.00	1891082.00	590000	369300.8	455000	161785
Entrepreneurship	1925000	1809603	1120000.00	964428.90	210000	198854.3	245000	87115
Others, specify	67350000	56751142.14	38035000.00	34023171.92	34140000	29978245.86	16805000	15340412.67
Total	347850000	318737285.14	187175000.00	172513945.12	135565000	128205608.96	110405000	102929899.67

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 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
-------	---------------------	---------------------------------	---------------------	---------------------------------	---------------------	---------------------------------	---------------------	---------------------------------

Laboratory equipment	2500000	2341904.55	2560000.00	2200000	4000000	3833276	2000000	1748754.57
Software	200000	128290	150000	100000.00	100000	75000	75000	50000
SDGs	750000.00	692853.09	396900.00	340394.76	100000.00	63308.71	65000	23112.14
Support for faculty development	700000.00	676646.00	425000.00	420911.00	240000.00	228872.00	80000.00	75048.00
R & D	375000.00	344560.00	234000.00	196486.20	45000.00	38250	85000	45278
Industrial Training, Industry expert, Internship	750000.00	651783.45	450000.00	361399.68	140000.00	114412.11	75000	60542.86
Miscellaneous Expenses*	60595000.00	46316196.57	29935560.00	27822716.25	19436000.00	18253831.97	13105000	11796813.81
Total	65870000.00	51152233.66	34151460.00	31441907.89	24061000.00	22606950.79	15485000.00	13799549.38