



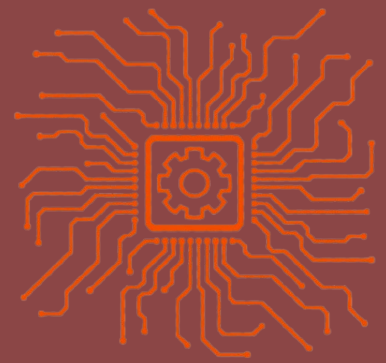
KARMAVEER BHAURAO PATIL POLYTECHNIC, SATARA

**Department
of
Electronics & Telecommunication
Engineering**

**2025-26
INFORMATION
BROUCHER**

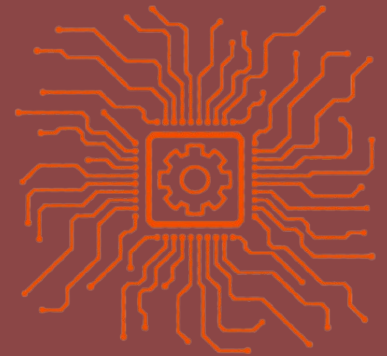


VISION



To develop skilled Electronics and Telecommunication technocrats with societal and ethical values through quality technical education that meets the industry needs.

MISSION



M1: To provide technical knowledge and skills utilizing recent engineering tools and techniques.

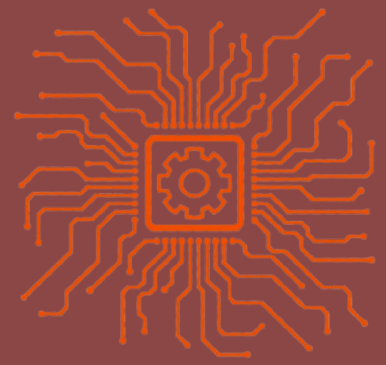
M2: To motivate students for current industrial and societal requirements through industry-institute cooperation.

M3: To promote ethical and professional principles in students, so making them socially responsible.

M4: To encourage students for lifelong learning and assist them to provide career in Electronics and Telecommunication Engineering.



ABOUT DEPARTMENT

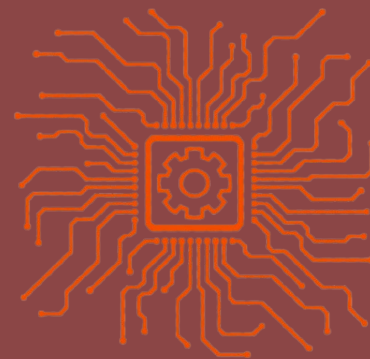


Karmaveer Bhaurao Patil Polytechnic, Satara (formerly Karmaveer Bhaurao Patil College of Engineering and Polytechnic, Satara) started functioning from the year 1983 with three courses Construction Technology, Digital Electronics and Production Technology. With growing demand for Telecommunication Engineering worldwide, the Digital Electronics course was changed to Electronics and Telecommunication Engineering in year 2006. As per industry demand, curriculum of Electronics and Telecommunication Engineering has greater emphasis on understanding of facts, fundamental concepts and technology subjects. The industry and society demands are fulfilled by experienced, qualified & motivated faculty, staff and laboratories of department. Department aspires the overall development of the student through various co-curricular and extracurricular activities. Students are cultivated through industry expert lectures, seminars, workshop, skill development programs and industrial visits. Students are also encouraged to organize and participate in various events such as project competition, technical paper presentation, quiz competition, social activities, sports etc.

- **Year of Establishment : 2006**
- **Intake Capacity : 60**
- **DTE Code : 6406**
- **MSBTE Code : 0041**
- **Affiliated to : Maharashtra State Board of Technical Education, Mumbai (MSBTE)**



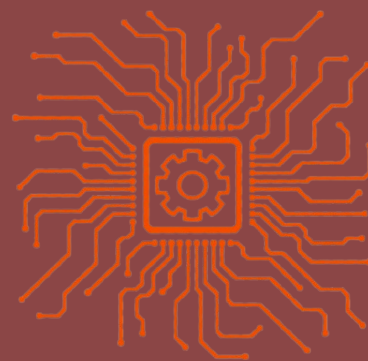
MSBTE MONITORING RATING



Academic Year	MSBTE Departmental Rating
2021-22	Very Good
2022-23	Excellent
2023-24	Excellent



CURRICULUM - FY EJ



SEMESTER : FIRST

Scheme Print

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme														Total Marks
						Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week		Paper Duration (hrs.)	Theory				Based on LL & TL				Based on Self Learning					
						CL	TL	LL					FA-TH	SA-TH	Total	Practical		FA-PR	SA-PR	SLA						
																Max	Min				Max	Min	Max	Min		
(All Compulsory)																										
1	BASIC MATHEMATICS	BMS	AEC	311302	6	4	2	-	2	8	4	3	30	70	100	40	-	-	-	-	25	10	125			
2	COMMUNICATION SKILLS (ENGLISH)	ENG	AEC	311303	0	3	-	2	1	6	3	3	30	70	100	40	25	10	-	-	25	10	150			
3	BASIC SCIENCE	PHYSICS	BSC	DSC	311305	4	2	-	2	1	10	5	1.5	30	70*#	100	40	25	10	25@	10	25	20	250		
							2	-	2	1							25	10	25@	10	25					
4	FUNDAMENTALS OF ICT	ICT	SEC	311001	0	1	-	2	1	4	2	-	-	-	-	-	25	10	25@	10	25	10	75			
5	YOGA AND MEDITATION	YAM	VEC	311003	1	-	-	1	1	2	1	-	-	-	-	-	25	10	-	-	25	10	50			
6	ENGINEERING WORKSHOP PRACTICE (ELECTRONICS GROUP)	EWP	SEC	311007	2	-	-	4	-	4	2	-	-	-	-	-	50	20	50@	20	-	-	100			
7	ENGINEERING GRAPHICS (Electronics, Computer and allied branches)	EGP	DSC	311008	2	2	-	4	-	6	3	-	-	-	-	-	50	20	50@	20	-	-	100			
Total					15	14	2	17	7	40	20		90	210	300		225		175		150		850			

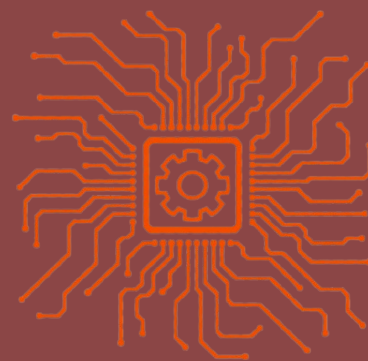
SEMESTER : SECOND

Scheme Print

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme						Credits	Assessment Scheme														Total Marks
						Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week	Paper Duration (hrs.)						Based on LL & TL				Based on Self Learning						
						CL	TL	LL					Theory				Practical		SLA								
													FA-TH	SA-TH	Total		FA-PR	SA-PR									
															Max	Min		Max		Min	Max	Min					
(All Compulsory)																											
1	APPLIED MATHEMATICS	AMS	AEC	312301	2	3	1	-	-	4	2	3	30	70	100	40	-	-	-	-	-	-	-	100			
2	BASIC ELECTRONICS	BEL	AEC	312314	0	4	-	4	-	8	4	3	30	70	100	40	50	20	25@	10	-	-	175				
3	ELEMENTS OF ELECTRICAL ENGINEERING	EEE	SEC	312315	0	3	-	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175				
4	ELECTRONIC MATERIALS.& COMPONENTS	EMC	DSC	312316	0	3	-	2	1	6	3	1.5	30	70*#	100	40	25	10	-	-	25	10	150				
5	PROFESSIONAL COMMUNICATION	PCO	SEC	312002	0	-	-	2	-	2	1	-	-	-	-	-	25	10	25@	10	-	-	50				
6	SOCIAL AND LIFE SKILLS	SFS	VEC	312003		-	-	-	2	2	1	-	-	-	-	-	-	-	-	-	50	20	50				
7	ELECTRONICS WORKSHOP PRACTICE	EWP	SEC	312008		-	-	4	2	6	3	-	-	-	-	-	25	10	25@	10	25	10	75				
8	PROGRAMMING IN 'C' LANGUAGE	CPR	SEC	312009	0	2	-	2	2	6	3	-	-	-	-	-	25	10	25@	10	25	10	75				
Total					2	15	1	16	8	40	20		120	280	400		175		125		150		850				



CURRICULUM - SY EJ



SEMESTER : THIRD

Scheme Print

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme														Total Marks
						Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week		Paper Duration (hrs.)	Theory				Based on LL & TL				Based on Self Learning					
						CL	TL	LL					FA-TH	SA-TH	Total	Practical		FA-PR	SA-PR	SLA						
																Max	Min			Max	Min	Max	Min			
(All Compulsory)																										
1	DIGITAL TECHNIQUES	DTE	DSC	313303	0	3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175			
2	ANALOG ELECTRONICS	ATE	DSC	313324	0	3	-	4	1	8	4	3	30	70	100	40	25	10	25#	10	25	10	175			
3	CIRCUITS & NETWORKS	CKN	DSC	313325	0	3	-	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175			
4	PRINCIPLES OF ELECTRONIC COMMUNICATION	PEC	DSC	313326	1	3	-	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175			
5	ESSENCE OF INDIAN CONSTITUTION	EIC	VEC	313002	0	1			1	2	1	-	-	-	-	-	-	-	-	50	20	50				
6	BASIC PYTHON PROGRAMMING	BPP	AEC	313011	0	2	-	2	-	4	2	-	-	-	-	-	25	10	25@	10	-	-	50			
7	ELECTRONIC MEASUREMENTS & INSTRUMENTATION	EMI	AEC	313012	0	2	-	2	2	6	3	-	-	-	-	-	50	20	25@	10	25	10	100			
Total					1	17	0	16	7	40	20		120	280	400		175		150		175		900			

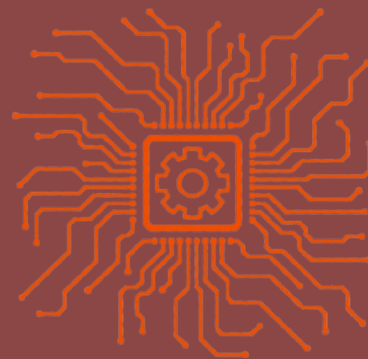
SEMESTER : FOURTH

Scheme Print

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme														Total Marks
						Actual Contact Hrs/Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week		Paper Duration (hrs.)	Theory				Based on LL & TL				Based on Self Learning					
						CL	TL	LL					Practical				Based on Self Learning									
													FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA					
															Max	Max	Max	Min	Max	Min	Max	Min	Max	Min		
(All Compulsory)																										
1	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY	EES	VEC	314301	2	3	-	-	1	4	2	1.5	30	70#	100	40	-	-	-	-	25	10	125			
2	DIGITAL COMMUNICATION SYSTEMS	DCS	DSC	314326	0	4	-	4	2	10	5	3	30	70	100	40	50	20	25#	10	25	10	200			
3	CONSUMER ELECTRONIC SYSTEMS	CEL	DSC	314327	0	3	-	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175			
4	MICROCONTROLLER & APPLICATIONS	MAA	DSE	314328	0	3	-	4	1	8	4	3	30	70	100	40	25	10	25#	10	25	10	175			
5	BASIC POWER ELECTRONICS	BPE	DSC	314363	0	3	-	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175			
6	ELECTRONIC EQUIPMENT MAINTENANCE & SIMULATION	MEE	SEC	314009	0	-	-	4	-	4	2	-	-	-	-	-	25	10	25@	10	-	-	50			
Total					2	16	0	18	6	40	20		150	350	500		150		125		125		900			



CURRICULUM - TY EJ

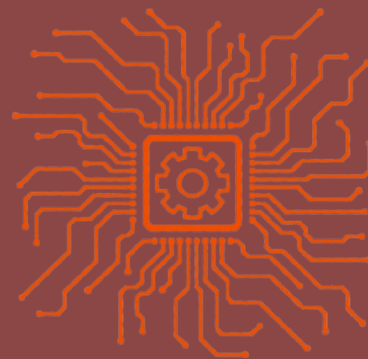


SEMESTER : FIFTH														Scheme Print													
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme															
						Actual Contact Hrs./Week		Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week	Paper Duration (hrs.)		Theory				Based on LL & TL				Based on Self Learning		Total Marks					
						CL	TL					FA-TH	SA-TH	Total	Practical				SLA								
															FA-PR	SA-PR	Max	Min									
																				Max	Min		Max	Min			
(All Compulsory)																											
1	EMBEDDED SYSTEM	ESY	DSC	315338	0	5	-	2	2	9	3	3	30	70	100	40	25	10	25#	10	25	10	175				
2	MOBILE & WIRELESS COMMUNICATION	MWC	DSC	315339	0	5	-	2	2	9	3	3	30	70	100	40	25	10	25#	10	25	10	175				
3	ENTREPRENEURSHIP DEVELOPMENT AND STARTUPS	ENDS	AEC	315002		1	-	2	-	3	1	-	-	-	-	-	50	20	25@	10	-	-	75				
4	SEMINAR AND PROJECT INITIATION COURSE	SPi	AEC	315003		-	-	1	2	3	1	-	-	-	-	-	25	10	25@	10	25	10	75				
5	INTERNSHIP(12 WEEKS)	ITR	INP	315004		-	-	-	-	0	10	-	-	-	-	-	100	40	100#	40	-	-	200				
other (Any - One)																											
6	ADVANCE POWER ELECTRONICS	APE	DSE	315340		4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150				
	IOT APPLICATIONS	IAU	DSE	315341	0	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150				
	MICROWAVE ENGINEERING & RADAR SYSTEM	MAR	DSE	315342	0	4	-	2	-	6	2	3	30	70	100	40	25	10	25#	10	-	-	150				
Total					0	15	0	9	6	30	20		90	210	300		250		225		75		850				

SEMESTER : SIXTH																								
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					National Learning Hrs/Week	Credits	Assessment Scheme											
						Actual Contact Hrs./Week		Self Learning (Activity/ Assignment /Micro Project)	Paper Duration (hrs.)	Theory			Based on LL & TL				Based on Self Learning		Total Marks					
						CL	TL			FA-TH			SA-TH	Total	Practical		SLA							
															FA-PR	SA-PR								
																		Max		Min	Max	Min		
(All Compulsory)																								
1	EMERGING TRENDS IN ELECTRONICS	ETE	D6C	Course Code Will be Created After Locking Scheme		3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125	
2	MANAGEMENT	MAN	A6C	315301	1	3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125	
3	OPTICAL NETWORKING AND SATELLITE COMMUNICATION	ONS	D6C	Course Code Will be Created After Locking Scheme	0	4	-	4	2	10	5	3	30	70	100	40	25	10	25#	10	25	10	175	
4	COMPUTER NETWORK & DATA COMMUNICATION	CND	D6C	Course Code Will be Created After Locking Scheme	0	4		4	2	10	5	3	30	70	100	40	25	10	-	-	25	10	150	
5	CAPSTONE PROJECT	CPE	INP	Course Code Will be Created After Locking Scheme		-	-	2	2	4	2	-	-	-	-	50	20	50#	20	50	20	150		
other (Any - One)																								
	DRONE TECHNOLOGY	DRT	D6E	Course Code Will be Created After Locking Scheme	2	4	-	2	2	8	4	3	30	70	100	40	25	10	25#	10	25	10	175	
				Course Code Will be Created After Locking Scheme																				
6	VLSI APPLICATIONS	VLS	D6E	Course Code Will be Created After Locking Scheme		4	-	2	2	8	4	3	30	70	100	40	25	10	25#	10	25	10	175	
	AUTOMATION & PLC	ATP	D6E	Course Code Will be Created After Locking Scheme	0	4	-	2	2	8	4	3	30	70	100	40	25	10	25#	10	25	10	175	
Total						1	18	0	12	10	40	20		150	350	500	125		100	175		900		



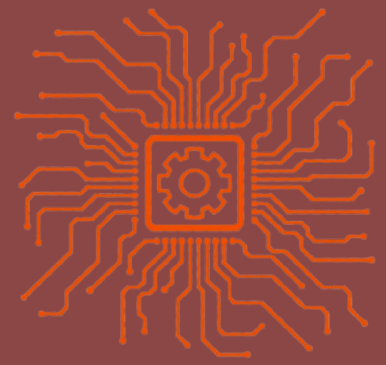
OUR FACULTY MEMBERS



Sr. No.	Name	Designation	Qualification	Experience in Years
1	Mrs. Jadhav S. M.	HOD	M. Tech. Electronics	16
2	Mrs. Patil S. S.	Lecturer	M. E. Electronics	18
3	Mrs. Khadtare D. A.	Lecturer	M. E. Electronics	4
4	Mrs. Ghorpade B. A.	Lecturer	M.E. E & TC	6
5	Mrs. Ghorpade P. P.	Lecturer	B. E. Electronics	9
6	Mr. Mohite P.B.	Lecturer	B. E. Electronics	1
7	Mr. Deshmukh R.N.	Lecturer	M. Tech. E & TC	1
9	Mr. Shinde S.N.	Lab. Assistant	M.Sc.	1



OUR LABORATORIES



Analog Electronics Lab



**Communication and
Advanced Communication
Lab**



Electronics Workshop Lab



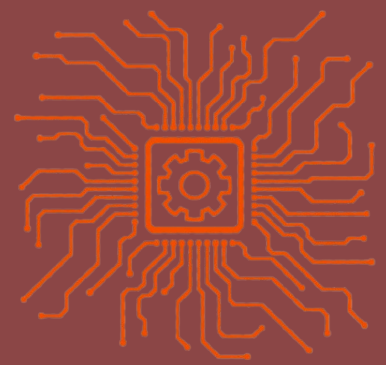
**Microcontroller and
Computer Center Lab**



Measurement and Control Lab



DEPARTMENT ACTIVITIES



Tree Plantation



Teacher's Day



Student-Parents Meet



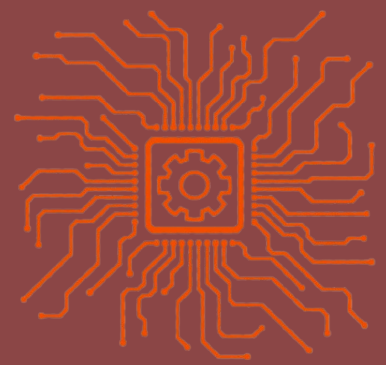
Engineers Day



Guest Lecture on Drone Technology & Automation



DEPARTMENT ACTIVITIES



PolyQuest 2K25



Blood Donation Camp



**Guest Lecture on
Career Guidance with DIPEX**



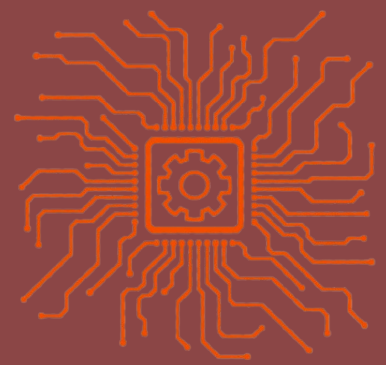
Two Days Workshop on Robotics & IOT



Electronic Diwali



INDUSTRIAL VISIT



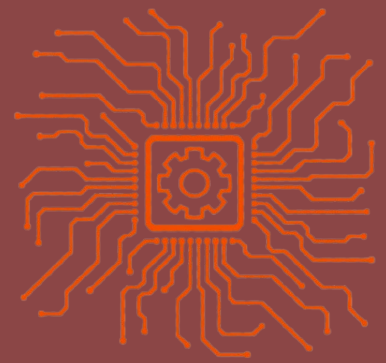
**Industrial Visit is organised at
“Industry Acadmia Meet & Star up Ecosystem Expo”**



**Industrial Visit is organised at
“M.E. Instruments”, Devrukh, Dist. Ratnagiri**



FACULTY ACHIEVEMENTS



Head of Department Mrs. S.M. Jadhav honored by The Best Teacher Award at the occasion of Teacher's Day at 5th September, 2024.



Mrs. S. S. Patil successfully published a Paper at 6th International Conference on Engineering and Technology (ICET-2025) on 3rd and 4th April 2025 at Trinity College of Engineering and Research, Pune and at UGC Care Journal (Indian Journal of Technical Education).



Mrs. D. A. Khadtare successfully published a Paper at 6th International Conference on Engineering and Technology (ICET-2025) on 3rd and 4th April 2025 at Trinity College of Engineering and Research, Pune and at UGC Care Journal (Indian Journal of Technical Education).



Mr. P. B. Mohite successfully published a Paper at International Journal of Creative Research Thoughts.

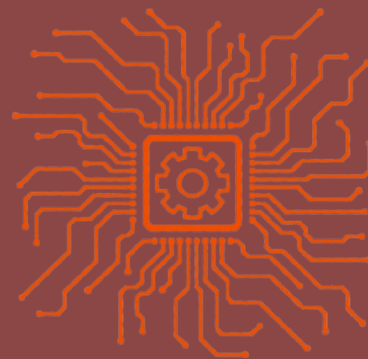




Third year students of the department participated in the State Level Project Exhibition cum Competition “ DIPEX -2025 ”



STUDENTS ACHIEVEMENTS



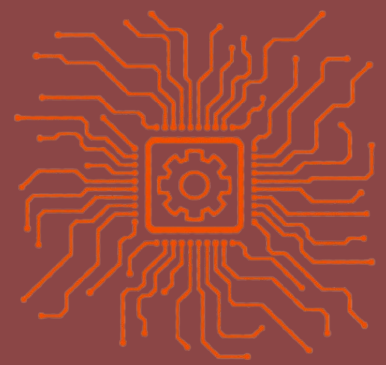
Students participated Attended Events / Competitions

Sr. No.	Name of Student	Class	Program Name	Conducted By
1	Tejas Gulab Gole	TYEJ	Attended 2 Days Placement Preparation Program	IIP in association with IIT Bombay
2	Tejas Gulab Gole	TYEJ	Participated in Trouble Shooting Event at discovery 224	Annaaheb Dange College of Engineering and Technology, Ashta
3	Tejas Gulab Gole	TYEJ	Participated in Circuit Builder Event at discovery 224	Annaaheb Dange College of Engineering and Technology, Ashta
4	Ayush Patil Aniruddha Kadam	SYEJ	Quiz Competition	Arvind Gawali College of Engineering, (Polytechnic), Satara
5	Anjum Shaikh Bhakti Sonmale Kirti Ithape Shreya Navale	TYEJ	Published a Paper	International Journal of Creative Research Thoughts.
6	Mayur Katekar Anjum Shaikh Siddhant Rawool Riya Patil	TYEJ	Project and Poster Exhibition	Bharati Vidyapeeth College of Engineering, Pune
7	Shriya Chavan Ishwari More Naziya Shaikh	TYEJ	Project Competition	Symbiosis Institute of Technology, Pune



MSBTE WINTER - 2024

EXAM TOPPERS



**TYEJ
Toppers
Winter- 2024**

Congratulations

JADHAV SHRUTIKA PRAVIN
86.00%

JADHAV SNEHAL SANDIP
84.74%

HINGMIRE KSHITIJ SURYAKANT
84.42%

**SYEJ
Toppers
Winter- 2024**

Congratulations

DHOTRE ADITYA AVINASH
87.33%

SAMRUDDHI SANTOSH CHAVAN
83.78%

KANASE VEDANT AJITKUMAR
82.89%

**MSBTE Exam Winter 2024
FYEJ TOPPERS**

Congratulations

01 MISS SAE RAVINDRA DHUMAL
84.94%

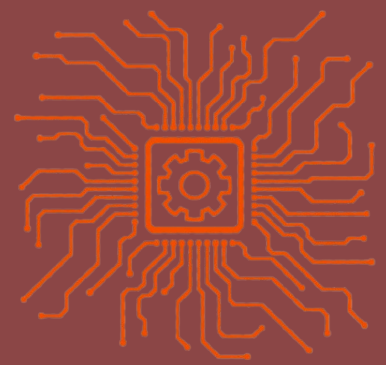
02 MISS JANHAVI LEELADHAR KOLEKAR
79.77%

03 MISS SRAVANI GHANSHYAM SUTAR
79.29%

Mr. N.B. Devi
I/c Principal



PLACEMENT RECORD



Rayat Shikshan Sanstha's

Karmaveer Bhaurao Patil Polytechnic, Satara

Department of Electronics & Telecommunication Engineering



Batch
2024-25

Hearty Congratulations!!

For Being Selected in
Cummins India Ltd.



Archana Sarnobat



Tejas Gole



Naziya Shaikh



Neha Ghanwat



Kirti Ithape



Madhura Pawar



Bhakti Sonmale



Shrikant Nawadkar



Shrutika Jadhav



Shriya Chavan



Janhvi Pol



Gayatri Bhoite

Hearty Congratulations!!

Batch
2024-25

For Being Selected in

Tata Motors Pvt.Ltd.



Rameshwari Jadhav



Shrutika Jadhav



Snehal Jadhav



Janhvi Pol



Naziya Shaikh



Shriya Chavan

Batch
2024-25

Hearty Congratulations!!

For Being Selected in

**Mahle Anand Filter
System Pvt Ltd**



Vaishnavi Jadhav

Congratulations!!!

For Being Selected in
John Deere India Pvt. Ltd.

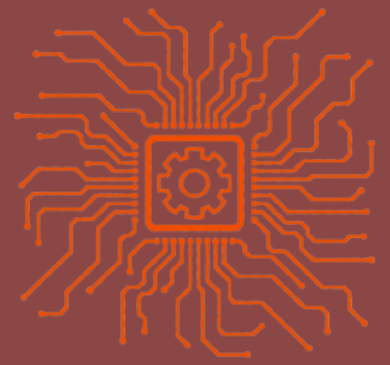
Batch
2024



Kshitij Rokade



THANK YOU



**Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil
Polytechnic, Satara**

**At- Panmalewadi, Post- Varye,
Satara**

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Website: www.kbppoly.edu.in

E-Mail: kbppoly0041@gmail.com

