



D Y P A T I L
COLLEGE of
ENGINEERING & TECHNOLOGY
(AN AUTONOMOUS INSTITUTE)
KASABA BAWADA, KOLHAPUR

**D. Y. Patil College of Engineering
and Technology,**
Kasaba Bawada Kolhapur
(An Autonomous Institute)

NBA Accredited

**NAAC Accredited with 'A'
Grade**

Structure

of

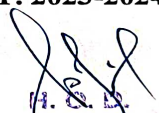
**M. Tech. in Electronics &
Telecommunication Engineering**

**Department of Electronics &
Telecommunication Engineering**

2023-24

M. Tech. E&TC Scheme of Teaching and Examination w. e. f. A. Y. 2023-2024

(As Per National Education Policy 2020)


H. S. S.
Department of Electronics & Telecommunication Engg.,
M. Tech in Electronics & Telecommunication Engg.,
D. Y. Patil College of Engineering & Technology,
Kasaba Bawada, Kolhapur-416 006.

D. Y. PATIL COLLEGE OF ENGINEERING & TECHNOLOGY, KOLHAPUR
Teaching and Evaluation Scheme from Year 2023-24
First Year M. Tech. - Electronics & Telecommunication Engineering
SEMESTER-I


Sr. No.	Course Code	Course Type	Name of the Course	TEACHING SCHEME			CRE DITS	Total Marks	Evaluation Scheme			
				L	T	P			Type	Max. Marks	Minimum Marks For Passing	
1	232ETCL501	PCC	Random Processes	3	1	-	4	100	ISE	20	20	40
									MSE	30		
									ESE	50	20	
2	232ETCL502	PCC	Embedded System Design & Linux	3	-	-	3	100	ISE	20	20	40
									MSE	30		
									ESE	50	20	
3	232ETCL503	PCC	Wireless & Mobile Communication	3	-	-	3	100	ISE	20	20	40
									MSE	30		
									ESE	50	20	
4	232ETCL504-5	PEC	Elective – I	3	1	-	4	100	ISE	20	20	40
									MSE	30		
									ESE	50	20	
5	232ETCP506	PCC	Embedded System Design & Linux Lab	-	-	2	1	25	ISE	25	10	10
6	232ETCP507	PCC	Wireless & Mobile Communication Lab	-	-	2	1	25	ISE	25	10	10
7	232ETCP508	PCC	Simulation Lab	-	-	2	1	50	ISE	50	20	20
8	232ETCP509	ELC	Seminar-I	-	-	2	1	50	ISE	50	20	20
9	232ETCL510	LLC	Stress Management by Yoga*	1	-	2	2	50	ESE	50	20	20
10	232ETCL511	HSSM	Pedagogic Studies	1	1	-	2	50	ISE	50	20	20
TOTAL				14	3	10	22	650				

NOTE:- * LLC Course - Stress Management by Yoga: ESE Examination of 50 Marks is to be conducted in online mode through MCQ by Central Examination Cell.

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Teaching and Evaluation Scheme from Year 2023-24
First Year M. Tech. - Electronics & Telecommunication Engineering
SEMESTER-II

Sr. No.	Course Code	Course Type	Name of the Course	TEACHING SCHEME			CREDITS	Total Marks	Evaluation Scheme			
				L	T	P			Type	Max. Marks	Minimum Marks For Passing	
1	232ETCL512	PCC	Pattern recognition and Machine Learning	3	-	-	3	100	ISE	20	20	40
									MSE	30		
									ESE	50	20	
2	232ETCL513	PCC	Research Methodology & IPR	3	-	-	3	100	ISE	20	20	40
									MSE	30		
									ESE	50	20	
3	232ETCL514-15	PEC	Elective – II	3	1	-	4	100	ISE	20	20	40
									MSE	30		
									ESE	50	20	
4	232ETCL516-17	PEC	Elective – III	3	1	-	4	100	ISE	20	20	40
									MSE	30		
									ESE	50	20	
5	232ETCL518	VSEC	Designing with PSoC	3	-	-	3	100	ISE	20	20	40
									MSE	30		
									ESE	50	20	
6	232ETCL519	OEC	Open Elective –I (SWAYAM /NPTEL)	3	-	-	3	100	ESE	100	40	40
7	232ETCP520	PCC	Pattern recognition and Machine Learning Lab	-	-	2	1	25	ISE	25	10	10
8	232ETCP521	ELC	Seminar II	-	-	2	1	50	ISE	50	20	20
TOTAL				18	2	4	22	675				

NOTE:- For Open Elective-I: The students are to study on their own by registering to SWAYAM /NPTEL Portal for the course which is multidisciplinary in nature (other than the course related to E & TC Stream). The student should complete the course assignments and appear the Examination conducted by SWAYAM /NPTEL. ESE Marks will be mapped as per the score mentioned on the SWAYAM /NPTEL Course completion certificate issued by SWAYAM /NPTEL.


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Teaching and Evaluation Scheme from Year 2023-24
First Year M.Tech. - Electronics & Telecommunication Engineering
Exit Courses

Sr. No	Course Code	Name of the Course	Credits	
1	232ETCP522	Cisco Certified Network Associate (CCNA)	6	Any one Online/Offline Certification Courses
2	232ETCP523	Software Testing	6	
3	232ETCP524	Internship	2	Mandatory



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D. Y. PATIL COLLEGE OF ENGINEERING & TECHNOLOGY, KOLHAPUR
Teaching and Evaluation Scheme from Year 2024-25
Second Year M. Tech. - Electronics & Telecommunication Engineering
SEMESTER - III

Sr. No.	Course Code	Course Type	Name of the Course	TEACHING SCHEME			CR EDITS	Total Marks	Evaluation Scheme			
				L	T	P			Type	Max. Marks	Minimum Marks For Passing	
1	232ETCL601	OEC	Open Elective -II (SWAYAM/NPTEL)	3	-	-	3	100	ESE	100	40	40
2	232ETCP602	ELC	Seminar-III	-	-	2	1	50	ISE	50	20	20
3	232ETCP603	ELC	Dissertation Phase - I	-	-	28	14	200	ISE	100	40	40
									ESE-POE	100	40	40
TOTAL				3	-	30	18	350				

NOTE:- For Open Elective-II: The students are to study on their own by registering to SWAYAM/NPTEL Portal for the course which is multidisciplinary in nature (other than the course related to E & TC Stream). The student should complete the course assignments and appear the Examination conducted by SWAYAM/NPTEL. ESE Marks will be mapped as per the score mentioned on the SWAYAM/NPTEL Course completion certificate issued by SWAYAM/NPTEL.


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Teaching and Evaluation Scheme from Year 2024-25
Second Year M. Tech. - Electronics & Telecommunication Engineering
SEMESTER - IV

Sr. No.	Course Code	Course Type	Name of the Course	TEACHING SCHEME			CREDITS	Total Marks	Evaluation Scheme			
				L	T	P			Type	Max. Marks	Minimum Marks For Passing	
1	232ETCP604	ELC	Dissertation Phase- II	-	-	36	18	300	ISE	100	40	40
									ESE-POE	200	80	80
TOTAL				0	0	36	18	300				

Program Electives:

Sr. No.	Elective – I	Course Code	Elective – II	Course Code	Elective – III	Course Code
1	Internet of Things	232ETCL504	Error Control Coding Techniques	232ETCL514	Wireless Sensor Networks	232ETCL516
2	Application Specific Integrated Circuit	232ETCL505	Network Security & Cryptography	232ETCL515	Multiple Input Multiple Output	232ETCL517

Note:

- 1) Tutorials and practical shall be conducted in batches with batch size of 9 students maximum.
- 2) For Seminar-I/II/III, work load will be for one student.
- 3) Dissertation Phase I & Dissertation phase II work load will be for one student.
- 4) Open Elective course (OEC) should be self-learning Online multidisciplinary and it should be completed before the end of respective semester. The course must be of minimum 8/12 weeks duration. The student must appear for Online Certification Examination and produce its certificate.
- 5) ISE: In Semester Evaluation, MSE: Mid Semester Examination, ESE: End Semester Examination


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