



SCHOOL OF ENGINEERING AND TECHNOLOGY

AMBI, TALEGAON, PUNE

Department of Electronics & Telecommunication Engineering

Subject Basket for M. Tech (E&TC - Signal Processing)

School of Engineering and Technology

Ambi, Talegaon, Pune

M. Tech (E&TC - Signal Processing)
Programme for Academic Year 2020-21

Batch 2020 - 2022

SUBJECT BASKET

FIRST YEAR SEMESTER - I	FIRST YEAR SEMESTER - II	SECOND YEAR SEMESTER - III	SECOND YEAR SEMESTER - IV
<i>M. Tech. in E&TC Engg.</i>	<i>M. Tech. in E&TC Engg.</i>	<i>M. Tech. in E&TC Engg.</i>	<i>M. Tech. in E&TC Engg.</i>
Selected Mathematics for Signal Processing	Pattern Recognition & Machine Learning	Still Image & Video Compression	Dissertation Phase – II
Digital Image & Video Processing	Speech Processing	Multi-Dimensional Signal Processing	
Research Methodology & IPR	Program Elective-III (1)Biometrics (2)Soft Computing (3)IOT & Applications	Program Elective V (1)Optimization Techniques (2)Artificial Intelligence (3)Modelling & Simulation Techniques	
Program Elective –I (1)Computer Vision (2)Mixed Signal Processing (3)Remote Sensing	Program Elective-IV (1)Audio Processing (2)Biomedical Signal Processing (3)Multispectral Signal Analysis	Open Elective (1)Cost Management of Engineering Project (2)Fuzzy Mathematics (3)Operational Research (4)Design & Analysis of Algorithms	
Program Elective –II (1)Voice & Data Networks (2)JTFA & MRA (3)Audio Video Coding & Compression	Seminar I	Seminar II	
Audit Course-I	Audit Course - II	Dissertation Phase – I	



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Audit Course- I & II

<i>M.Tech. in E&TC Engg Signal Processing</i>
Disaster Management
Stress Management & Yoga
Constitution of India
Knowledge Management
Pedagogy Studies
English for Research Paper Writing
Environmental Studies
Renewable Energy Studies