



Sant Dnyaneshwar Shikshan Sanstha's  
**Annasaheb Dange College of Engineering and Technology, Ashta**  
Department of Electronics & Telecommunication Engineering

## List of courses

### SE ETC (AY 2017-2018)

Sr.	Course Name	Course Code
1.	Engineering Mathematics III	EM III
2.	Analog Circuits –I	AC-I
3.	Digital Electronics	DE
4.	Network Analysis	NA
5.	Transducers & Measurement	T&M
6.	Programming Languages (C, C++)	PL
7.	Analog Circuits -II	AC-II
8.	Linear Integrated Circuits	LIC
9.	Data Structure	DS
10.	Electromagnetic Engineering	EME
11.	Analog Communication Systems	ACS
12.	Circuit Simulation	CS

### TE ETC (AY 2017-2018)

Sr.	Course Name	Course Code
13.	Microprocessors & Microcontrollers	MM
14.	Control Systems	CS
15.	Signals & Systems	SS
16.	Power Electronics	PE
17.	Digital Communication	DC
18.	Simulation LAB	SL
19.	Digital Signal Processing	DSP
20.	VLSI Design	VLSID
21.	Antenna Wave Propagation	AWP
22.	Optical Communication & Network	OCN
23.	Industrial Management	IM
24.	Electronic System Design	ESD

### BE ETC (AY 2017-2018)

Sr.	Course Name	Course Code
25.	Satellite Communication	SC
26.	Embedded System	ES





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27.	Computer Communication Networks	CCN
28.	RF & Microwave Engineering	RFME
29.	Elective-I MEMS	MEMS
30.	Industrial Training	IT
31.	Project Phase-I	PP-I
32.	Video Engineering	VE
33.	Wireless Mobile Communication	WMC
34.	Digital Image Processing	DIP
35.	Elective-II ANN	EIIANN
36.	Project Phase - II	PPII

**M.Tech ETC**  
**(AY 2017-2018)**

<b>Sr.</b>	<b>Course Name</b>	<b>Course Code</b>
37.	Wireless Communication Modeling and Simulation	0ETET501
38.	Digital Data Compression	0ETET502
39.	Adaptive Signal Processing	0ETET503
40.	Advanced Embedded Systems and RTOS	0ETET504
41.	Elective-I	0ETET5**
42.	Communication System Modeling & Simulation Lab	0ETET551
43.	Adaptive Signal Processing	0ETET552
44.	Advanced Embedded System Design Lab	0ETET553
45.	Seminar-I	0ETET554
46.	Research Methodology	0ETET510
47.	Microwave Integrated Circuits	0ETET511
48.	Ad Hoc Networks	0ETET512
49.	Soft Computing	0ETET513
50.	Elective-II	0ETET5**
51.	Elective- II	0ETET5**
52.	MIC Lab	0ETET555
53.	AWSN lab	0ETET556
54.	Seminar-II	0ETET557



  
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**List of courses**  
**SY ETC**  
**(AY 2018-2019)**

Sr.	Course Name	Course Code
1.	Applied Mathematics	0ETBS201
2.	Analog Electronics - I	0ETPC202
3.	Digital Electronics	0eTPC203
4.	Circuit Theory	0ETPC204
5.	Electronic Measurement & Instruments	0ETPC205
6.	Analog Electronics-I Laboratory	0ETPC251
7.	Digital Electronics Laboratory	0ETPC252
8.	Programming Laboratory	0ETPC253
9.	EMI Laboratory	0ETPC254
10.	Principles of Electronic Communication	0ETPC207
11.	Analog Integrated Circuits	0ETPC208
12.	Electromagnetic Field Theory	0ETPC209
13.	Analog Electronics - II	0ETPC210
14.	Signals & Systems	0ETPC211
15.	Communication Laboratory - I	0ETPC255
16.	Analog Electronics - II Laboratory	0ETPC256
17.	Programming Laboratory - II	0ETPC257
18.	Mini Project - I	0ETPC258

**TE ETC**  
**(AY 2018-2019)**

Sr.	Course Name	Course Code
19.	Microprocessors & Microcontrollers	MM
20.	Control Systems	CS
21.	Signals & Systems	SS
22.	Power Electronics	PE
23.	Digital Communication	DC
24.	Simulation LAB	SL
25.	Digital Signal Processing	DSP
26.	VLSI Design	VLSID
27.	Antenna Wave Propagation	AWP
28.	Optical Communication & Network	OCN
29.	Industrial Management	IM
30.	Electronic System Design	ESD





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**BE ETC**  
**(AY 2018-2019)**

Sr.	Course Name	Course Code
31.	Satellite Communication	SC
32.	Embedded System	ES
33.	Computer Communication Networks	CCN
34.	RF & Microwave Engineering	RFME
35.	Elective-I MEMS	MEMS
36.	Industrial Training	IT
37.	Project Phase-I	PP-I
38.	Video Engineering	VE
39.	Wireless Mobile Communication	WMC
40.	Digital Image Processing	DIP
41.	Elective-II ANN	EIIANN
42.	Project Phase - II	PPII

**M.Tech ETC**  
**(AY 2018-2019)**

Sr.	Course Name	Course Code
43.	Wireless Communication Modeling and Simulation	0ETET501
44.	Digital Data Compression	0ETET502
45.	Adaptive Signal Processing	0ETET503
46.	Advanced Embedded Systems and RTOS	0ETET504
47.	Elective-I	0ETET5**
48.	Communication System Modeling & Simulation Lab	0ETET551
49.	Adaptive Signal Processing	0ETET552
50.	Advanced Embedded System Design Lab	0ETET553
51.	Seminar-I	0ETET554
52.	Research Methodology	0ETET510
53.	Microwave Integrated Circuits	0ETET511
54.	Ad Hoc Networks	0ETET512
55.	Soft Computing	0ETET513
56.	Elective-II	0ETET5**
57.	Elective- II	0ETET5**
58.	MIC Lab	0ETET555
59.	AWSN lab	0ETET556
60.	Seminar-II	0ETET557
61.	Dissertation Phase I	0ETET658
62.	Dissertation Phase II	0ETET659



*[Signature]*  
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**SY ETC**  
**(AY 2019-2020)**

Sr.	Course Name	Course Code
1.	Applied Mathematics	0ETBS201
2.	Analog Electronics - I	0ETPC202
3.	Digital Electronics	0eTPC203
4.	Circuit Theory	0ETPC204
5.	Electronic Measurement & Instruments	0ETPC205
6.	Analog Electronics-I Laboratory	0ETPC251
7.	Digital Electronics Laboratory	0ETPC252
8.	Programming Laboratory	0ETPC253
9.	EMI Laboratory	0ETPC254
10.	Principles of Electronic Communication	0ETPC207
11.	Analog Integrated Circuits	0ETPC208
12.	Electromagnetic Field Theory	0ETPC209
13.	Analog Electronics - II	0ETPC210
14.	Signals & Systems	0ETPC211
15.	Communication Laboratory - I	0ETPC255
16.	Analog Electronics - II Laboratory	0ETPC256
17.	Programming Laboratory - II	0ETPC257
18.	Mini Project - I	0ETPC258

**TE ETC**  
**(AY 2019-2020)**

Sr.	Course Name	Course Code
19.	Microcontroller and Interfacing	0ETPC313
20.	Antenna Theory and Design	0ETPC314
21.	Digital Signal Processing	0ETPC315
22.	Digital Communication	0ETPC316
23.	Feedback Control System	0ETPC317
24.	Communication Laboratory - II	0ETPC359
25.	Microcontroller Laboratory	0ETPC360
26.	Digital Signal Processing Laboratory	0ETPC361
27.	Data Structures Laboratory	0ETPC362
28.	Constitution of India	0ETMC318
29.	Embedded System Design	0ETPC319
30.	VLSI Design	0ETPC320
31.	Light Wave Communication	0ETPC321
32.	Data Communication & Networking	0ETPC322






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33.	Elective - I	0ETPE3**
34.	Communication Laboratory - III	0ETPC363
35.	Embedded System Design	0ETPC364
36.	HDL Design & Coding	0ETPC365
37.	Mini Project - II	0ETPC366
38.	Technical Communication & Skills	0ETAC327

**BE ETC**  
**(AY 2019-2020)**

Sr.	Course Name	Course Code
39.	Satellite Communication	SC
40.	Embedded System	ES
41.	Computer Communication Networks	CCN
42.	RF & Microwave Engineering	RFME
43.	Elective-I MEMS	MEMS
44.	Industrial Training	IT
45.	Project Phase-I	PP-I
46.	Video Engineering	VE
47.	Wireless Mobile Communication	WMC
48.	Digital Image Processing	DIP
49.	Elective-II ANN	EIIANN
50.	Project Phase - II	PPII



  
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**TE ETC**  
**(AY 2020-2021)**

Sr.	Course Name	Course Code
1.	Microcontroller and Interfacing	0ETPC313
2.	Antenna Theory and Design	0ETPC314
3.	Digital Signal Processing	0ETPC315
4.	Digital Communication	0ETPC316
5.	Feedback Control System	0ETPC317
6.	Communication Laboratory - II	0ETPC359
7.	Microcontroller Laboratory	0ETPC360
8.	Digital Signal Processing Laboratory	0ETPC361
9.	Data Structures Laboratory	0ETPC362
10.	Constitution of India	0ETMC318
11.	Embedded System Design	0ETPC319
12.	VLSI Design	0ETPC320
13.	Light Wave Communication	0ETPC321
14.	Data Communication & Networking	0ETPC322
15.	Elective - I	0ETPE3**
16.	Communication Laboratory - III	0ETPC363
17.	Embedded System Design	0ETPC364
18.	HDL Design & Coding	0ETPC365
19.	Mini Project - II	0ETPC366
20.	Technical Communication & Skills	0ETAC327

**B.Tech ETC**  
**(AY 2020-2021)**

Sr.	Course Name	Course Code
21.	Wireless Communication	0ETPC428
22.	Internet of Things	0ETPC429
23.	RF & Microwave Communication	0ETPC430
24.	Satellite Communication(Elective-II)	0ETPE431*
25.	Open Elective-I	0ETOE***
26.	Communication Laboratory - IV	0ETPC467
27.	PLC & Automation Laboratory	0ETPC468
28.	Mobile Application Development Laboratory	0ETPE469
29.	Industrial Training	0ETPC470
30.	Project Phase - I	0ETPC471
31.	Intellectual Property Rights	0ETMC436
32.	Image Processing	0ETPC437





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33.	Telecom Network Management	0ETPC438
34.	Wireless Sensor Networks(Elective-III)	0ETPE442*
35.	Elective-IV	0ETPE***
36.	Communication Laboratory - V	0ETPC472
37.	Image Processing Laboratory	0ETPC473
38.	Audio Video Engineering Laboratory	0ETPC474
39.	Project Phase - II	0ETPC475
40.	Professional Ethics	0ETAC447



  
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**B.Tech ETC**  
**(AY 2021-2022)**

Sr.	Course Name	Course Code
1.	Wireless Communication	0ETPC428
2.	Internet of Things	0ETPC429
3.	RF & Microwave Communication	0ETPC430
4.	Satellite Communication(Elective-II)	0ETPE431*
5.	Open Elective-I	0ETOE***
6.	Communication Laboratory - IV	0ETPC467
7.	PLC & Automation Laboratory	0ETPC468
8.	Mobile Application Development Laboratory	0ETPE469
9.	Industrial Training	0ETPC470
10.	Project Phase - I	0ETPC471
11.	Intellectual Property Rights	0ETMC436
12.	Image Processing	0ETPC437
13.	Telecom Network Management	0ETPC438
14.	Wireless Sensor Networks(Elective-III)	0ETPE442*
15.	Elective-IV	0ETPE***
16.	Communication Laboratory - V	0ETPC472
17.	Image Processing Laboratory	0ETPC473
18.	Audio Video Engineering Laboratory	0ETPC474
19.	Project Phase - II	0ETPC475
20.	Professional Ethics	0ETAC447



  
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