

## Sandip Institute of Technology & Research Centre, Nashik

### Department of Electronics & Telecommunication Engineering

#### Details of ICT Tools used for Teaching Learning Process (2018-2023)

S.No.	Year (BE/TE/SE/ FE)	Sem(I/II)	Subject Name	Subject Type (Theory/TW/PR/OR)	Name of ICT Tools Used
1	SE	sem-I	Data Structures	Theory	PPTs, Google Classroom, Online Resources and Tutorials
2	SE	sem-I	Data Structures	OR	Software tool Visual Studio, Google classrom, Virtual Lab, Visu Algo Visualization Tool, Online code execution Platform
3	SE	Sem I	Electrical Circuit	Theory	PPTs, Google Classroom, Online Resources and Tutorials, Simulation
4	SE	sem-I	Digital Circuits	Theory	PPTs, Google Classroom, Online Resources and Tutorials
5	SE	Sem I	Digital Circuits	PR	Virtual Lab, Simulation Software: Multisim ,Circuit Logix, Microwind .
6	SE	Sem I	Electronic Circuits	Theory	PPT, Google Classroom, NPTEL Videos, Handwritten Notes, Animation Videos
7	SE	Sem I	Electronic Circuits Lab	PR	Virtual Lab, Simulation Software: Multisim
8	SE	Sem-II	Signals &Systems	Theory	Notes on PPTS, Projector, Google classroom
9		Sem-II	Data Analytics	TW	Software, PPT, Projector, google classroom
10	SE	Sem-II	Object Oriented Programming	Theory	PPTs, Google Classroom, Online Resources and Tutorials
11	SE	Sem-II	Object Oriented Programming	OR	Software tool Visual Studio, Google classrom, Virtual Lab, Online code execution Platform
12	SE	Sem-II	Control Systems	Theory	PPT, Google Classroom, NPTEL Videos, Handwritten Notes, Simulation Software: MATLAB

13	TE	Sem-I	Computer Network	Th	Notes on PPT, Projector, Google classroom
14		Sem-I	Computer Network	PR	Software, Google classroom
15	TE	Sem-I	Database Management	Theory	PPTs, Google Classroom, Online Resources and Tutorials
16	TE	Sem-I	Database Management	OR	Software tool My SQL, Online Code Execution Platform, Google classrom, Virtual Lab
17	TE	Sem-I	Microcontrollers	PR	MPLAB, Keil, FLash Magic simulators, Google Class room, quiz, mobile application, e-datasheet of the microcontroller, video lectures, TinkerCAD simulator
18	TE	Sem-I	Microcontrollers	PR	PPT, mobile application, e-datasheet of the microcontroller, video lectures, TinkerCAD simulator, e-books
19	TE	Sem-I	Digital Communicati	Theory	PPTs, Google Classroom, Online Resources and Tutorials
20	TE	Sem-I	Digital Communicati	PR	PPTs, Google Classroom, Online Resources and Tutorials, Simulation on Matlab.
21	TE	Sem-II	Network security	Theory	PPT, Google Classroom
22	TE	Sem-II	Network security Lab	PR	Virtual Lab, Simulation Software: SSuitePicseI
23	TE	Sem-II	Power Electronics	Theory	PPT, Google Classroom, e-books
24	TE	Sem-II	Power Electronics	PR	PSIM simulator, e-datasheets, e-manuals
25	BE	Sem-I	Radiation & Microwave Theory	Theory	PPT, Google Classroom
26	BE	Sem-I	Radiation & Microwave Theory	PR	Simulation Software
27	BE	Sem-I	Cloud Computing	TH	Notes on PPT, Projector, Google classroom,
28	BE	Sem-I	Electronics Product Design	TH	PPT, Google classroom.
29	BE	Sem-II	Android Development	Theory	PPTs, Google Classroom, Online Resources and Tutorials
30	BE	Sem-II	Android Development	PR	Software tool Android Studio, Android Emulator, Online Code Execution Platform, Google classrom, Virtual Lab

31	BE	Sem-II	Fibre Optic Communication	Theory	PPT, Google classroom. NPTEL Courses
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**Name & sign of HOD**

