Department of Electronics and Telecommunication Engineering

Name	Yogesh N. Chandurkar	

Date of Birth	30/06/1975

Education Qualifications	UG	PG	PhD
	BE	M. Tech	Pursuing

Work Experience	Teaching	Research	Industry	Others
	19	4	5	--

Area of Specialization	Embedded System, Biomedical, GenAI

Courses taught	- Undergraduate Courses - Data Base Management System (TE EXTC Sem VI R2019 C) - Data Structures and Algorithms (ECMDM301 - Autonomy Model) - Data Structures and Algorithm (TE-EXTC-Sem-V R2019-C Scheme) - Skill Labs - Linux, Networking and Server Configuration (LNSC) (TE-EXTC-SemVI-R2019-C scheme) - IoT System Design (TE Honours) - Networks Theory (SE-EXTC-SemIII-R2019-C scheme) - Skill Labs - C++ and Java Programming (SE-EXTC-SemIII-R2019-C scheme) - Microcontrollers (SE-EXTC-Sem IV- R2019-C scheme) - Discrete Time Signal Processing (DTSP) (EXTC-VI) - Microcontrollers and Applications (EXTC-V, VI) - Microprocessors and Peripherals (EXTC-IV) - Mini-Project-I (EXTC-Sem V) - Mini-Project-II (EXTC-Sem VI) - Basic Networking Laboratory (FE-EXTC-Sem1-Workshop) - Electronic Hardware Workshop (TE Sem V - Rev)

- Microprocessors and Applications (TE-Electrical – Sem V - Old)
- Principles of Communication Engineering (SE Sem IV - Rev)
- Microprocessors and Microcontrollers-I (EXTC-V)
- Microprocessors and Microcontrollers-II (EXTC-VII)
- Television and Video Engineering (EXTC-VI)
- Feedback Control System (SE-Electronics-V)
- Signals and Systems (EXTC-IV)
- Postgraduate Courses
- Embedded Communication System and Design (ME-EXTC-Sem I)
- Advanced Digital Signal Processing (ME-ExtcSem I)
- Other Subjects Taught

Research guidance (Number of Students)	Under Graduate projects	64
	Masters	1.ME project guide for SH2017-18.(1) 2.ME project guide for SH2015-16.(1) 3.ME project guide for SH2013-14(1)
	Ph.D (Completed / Thesis Submitted / Ongoing)	--

External Fund Received	The proposal titled "Music Modulated Diathermy Methodologies for Pain Alleviation System" was approved by Mumbai University under the Minor Research Grant (2017-18) with a sanctioned amount of ₹30,000. The research focuses on pain management using Transcutaneous Electrical Nerve Stimulation (TENS), based on the Gate Control Theory. The study involves the design and testing of a TENS machine for patients experiencing acute and chronic pain.
Patent (Filed / published / Granted) details	----

No. of papers published in National/International Journals/Conferences	Index IC= 11, IJ=7 NC=4		

Research Publications (No. of papers in National/International Journals / Conferences and No. of Books/ Book Chapters published)	Scopus/SCI indexed journals: -- Peer reviewed / UGC journals: -- IEEE/Springer conferences: 01 Books/Book Chapters: -- Other International Conferences: 11 National Conference: 4
Projects Carried out	15 (Mentor for BE Major projects)

Other major responsibilities	1. **Sponsorship committee Convenor AY2021-22** 2. **Industry-Institute Interaction committee Convenor AY2020-21** 3. **Department Industrial visit convenor** 4. **Class teacher for FH 2020** 5. **ARC convenor** 6. **NAAC coordinator-criteria 1 from July 2020.** 7. **Member/coordinator-duties of - Micro/Loops/Oscillations.** 8. **Teacher Incharge /Member/coordinator-duties of Etamax/ Faces/ICNTE.**