



KAUSHALKUMAR HASMUKHRAI TANDEL

Lecturer in EC

Electrical Engineering Department,
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EDUCATIONAL QUALIFICATION

M-Tech in Electronics and Tele-communication (Wired and wireless communication) 2014-2016
College of Engineering, Pune – Savitribai Phule Pune University

B.E. in Electronics and communication
Government Engineering College, Surat - Gujarat Technological University, Ahmedabad 2009-2013

WORK EXPERIENCE

Lecturer at Government Polytechnic for Girls, Surat. - November-2016 - November-2019

Lecturer at Government Polytechnic, Valsad - December-2019 - Present

TECHNICAL SKILLS AND KNOWLEDGE

- **PCB Design Softwares** : KiCAD, EAGLE
- **Schematic Design and Simulators** : Psim, Multisim, Proteus
- **Programming knowledge**: Basic Embedded C programming , Assembly language programming for 8085 uP, 8051 uC, Arduino Integrated Development Environment
- **Other Softwares**: MATLAB, Scilab, Keil Microvision, Computer Aided Design

SUBJECTS TAUGHT

- Microprocessor and Controller Applications
- Digital Electronics and Digital Instruments
- Computer Application & Graphics
- Electronic Networks
- Electronic component and Circuits
- Energy Conservation and Hazard Management
- Electronics Components And Circuits CDT
- Microcontroller
- Mobile Communication
- Computer Aided Electrical Drawing And Simulation
- Basics of Computer & Information Technology
- Maintenance Of Electronics Equipments

TRAINING AND WORKSHOP

- “MATLAB for Electrical and Electronics Engineers” by NITTTR BHOPAL - online during 12-07-21 to 16-07-21 (1 Week)
- “Accreditation for diploma engineering programmes” - NPTEL MOOC Training during 14-09-2020 to 09-11-2020 (1 Week)
- “COMPREHENSIVE ONLINE INTELLECTUAL PROPERTY RIGHTS” by DTE - online during 07-06-20 to 14-9-2020 (2 Weeks)
- “Unlimited digital advanced yearlong academic method of learning” by DTE - online during 28-07-2020 to 18-08-2020 (1 Week)
- “Microelectronics: Devices to circuits” - NPTEL MOOC Training during 29-07-19 to 18-10-19 (2 Week)
- “Scilab software” at NITTTR BHOPAL during 15-07-19 to 19-07-19 (1 Week)
- “Beyond the classroom towards excellence” at IITE, Gandhinagar during 06-08-18 to 11-08-18 (1 Week)
- “INDUCTION PHASE 2” at NITTTR Regional Centre, Ahmedabad during 25-02-19 to 08-03-19 (2 Weeks)
- “INDUCTION PHASE 1” at NITTTR BHOPAL during 21-08-17 to 01-09-17 (2 Weeks)

PORTFOLIOS (Current Portfolios)

- Institute CCTV Co-coordinator
- Institute CWAN Co-coordinator
- Institute Microsoft Teams Committee member
- Department MIDSEM Exam Committee member
- Department NBA 2.2.2 Criteria Coordinator

RESEARCH PROJECTS GUIDED

NIL

PUBLICATION

NIL

Journal Papers

NIL

Conferences Papers

NIL

ACADEMIC PROJECTS GUIDED

- Smart Billing Trolley
- IoT based home appliance control system
- Single Phase Inverter using UPS Technique
- Timetable and Event Reminder (ongoing)

PATENT FILED

NIL

PROFESSIONAL INSTITUTION MEMBERSHIPS

NIL

EXPERT LECTURES

NIL

AWARDS

NIL