

**Name:** Ms. RAVITARIKA MANISH JADHAV ( Ms. Ravitarika Kundan Chavan) [M.E.(ETC)]  
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**Executive summary:** (13Years 1 Months teaching experience)

- 1) Working as **Assistant Professor** in MIT College of engineering ,Chhatrapati Sambhaji Nager from 10/12/2024 to till date.
- 2) Working as Visiting Faculty (ETC Department) in Government college of Engineering, Aurangabad, Chh. Sambhajinagar from 19/07/2024 to 10/12/2024(4months, 22 days).
- 3) Working as **Adjunct Faculty**(ETC Department) in Government college of Engineering, Aurangabad, Chh. Sambhajinagar from 24/07/2023 to 03/07/2024.(24/07/2023 to 20/12/2023, 1/01/2024 to 03/07/2024)
- 4) Working as **Assistant Professor** in P.E.S. College of engineering, Aurangabad from 16/05/2014 to 31/08/2019.(4 years11months, academic).
- 5) Four months experience as **Assistant Professor** in JNEC College of engineering in Aurangabad (Jan.2013 to April 2013).
- 6) Seven years and Eight months experience as Lecturer in [E&Tc] Dept. at College AISSMS'S polytechnic, Pune-01. 24<sup>th</sup> July 2006 to 2<sup>nd</sup> July 2012, Lecturer (Regular) [E&Tc] Dept. at AISSMS'S polytechnic, Pune- 01(5 years 11 months)
  - 2004 to 31 Jan. 2005, Lecturer (academic) [E&Tc] Dept. at AISSMS'S Polytechnic, Pune-01.
  - 18 August 2003 to 20 April 2004, Lecturer (academic) [E&Tc] Dept. at AISSMS'S polytechnic, pune-01. (8 months)

#### **Qualifications: M.E. (ETC) in Signal Processing**

- Master of Engineering with specialization in Signal Processing, Pune University, MKSSS'S CUMMINS COE for women, karve Nager, and Pune in 2013 year with passed higher second class CGPA 6.67.
- Bachelor of Engineering with specialization in Electronics, S.R.T.M.University, S.G.G.S. GOV College of Engineering, Nanded in MAY/JUNE-2001 year with Passed First division with distinction 72.76%
- HSC from AURANGABAD Board, Nanded in MARCH-1995 year with Passed First division 69.33 %.
- SSC from AURANGABAD Board, Nanded in MARCH-1993 year with Passed First division 72.85 %.

**M.E Project:** Image Quality Assessment using NR & RR (**Digital Image Processing**)

## **Elective Subjects Studied:**

### **a) Post Graduate**

- |                                    |                    |
|------------------------------------|--------------------|
| 1) Digital Image Processing        | 3) Computer Vision |
| 2) Wireless & Mobile communication | 4) Multimedia      |

### **b) Under Graduate**

- |                                |                        |
|--------------------------------|------------------------|
| 1) Optical Fiber Communication | 3) VLSI Design         |
| 2) Microelectronics            | 4) Computer Networking |

## **Paper Published:**

-Paper presented in EPGCON-2013 on Image quality assessment using NR and RR based Image Processing.

## **NPTEL Courses:**

- **Python for Data science.22<sup>nd</sup> March 2025**

## **Workshops/Trainings/FDP/ Conclave :**

- “Exploring the Power of AI: Machine Learning, NLP and Computer Vision” April 7-12, 2025(one week FDP CVR COLLEGE OF ENGINEERING, Vastunagar, Telangana)
- "AI-based Vehicular Network towards 6G and IoT: Deep Learning Approaches 17-22, March 2025(6- Day FDP VIT, Vellore.)
- One Day workshop IPRs PLC On 8<sup>th</sup> March 2025, MIT Chhatrapati Sambhajinagar, Maharashtra, India.
- Research Conclave on “Recent Advancement in Science and Technology” 20<sup>th</sup> January 2025, MIT Chhatrapati Sambhajinagar, Maharashtra, India.
- AICTE Training and Learning (ATAL) Academy Faculty Development Program on IOT Integration with Embedded System at ATHARVA COLLEGE OF ENGINEERING from 06/01/2025 to 11/01/2025.
- “Inculcating Universal Human Values in Technical Education”, 5-day Online FDP All India Council for Technical Education (AICTE) from 16th December to 20th December 2024
- Completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Leveraging Cutting Edge Technologies for Sustainable Agriculture Practices at CSMSS CHH. SHAHU COLLEGE OF ENGINEERING from 02/12/2024 to 07/12/2024.
- Matlab and simulink ,Aurangabad ,7<sup>th</sup> nov,2014
- -Embedded System Workshop (STTP) at Bhivrabai Savant Polytechnic Wagholi, Pune. 2<sup>nd</sup> February to 6<sup>th</sup> February 2009
- Induction Phase –I NITTTR, Extension Centre Pune. 8<sup>th</sup> June to 19<sup>th</sup> June 2009
- One Month training at Khaperkheda Thermal Power Station, Khaperkheda, Nagpur.

**Conferences:**

- National level conference ISC 104 , 2 Jan to 8 Jan 2017
- AICTE-ISTE sponsored 19<sup>th</sup> June to 24<sup>th</sup> June 2017
- Faculty symposium on “ENGINEERING CURRICULM INNOVATIONS “an outcome based education approach by G.H.JOSHI,MR.TEWARI 29<sup>th</sup> June to 1 July 2017
- EPGCON-2011 has participated on 26<sup>th</sup> April ,2011 at Maharashtra Institute of Technology,Pune-38.

**National Level Symposium:**

(Sponsored by: AICTE NEW DELHI)

-The National level Symposium Sponsored by AICTE NEW DELHI, supported by, IETE Pune, on ‘4G TECHNOLOGY’ on 23<sup>rd</sup> and 24<sup>th</sup> February 2012 at IOIT ,Pune.

**Professional Development Activities:**

- Two days FDP on ENLIGHTENING FOR FUTURED CODING SUCCESS WITH EMOTIONAL INTELLIGENCE , 12,13 August 2017 by Mr. Kisan Watni.
- AICTE-ISTE sponsored 19<sup>th</sup> June to 24<sup>th</sup> June 2017
- Faculty symposium on “ENGINEERING CURRICULM INNOVATIONS “an outcome based education approach by G.H.JOSHI, MR.TEWARI 29<sup>th</sup> June to 1 July 2017

**Design of new course and curriculum:**

- Subject: LINEAR INTEGRATED CIRCUIT 2009, MSBTE PUNE
- Subject: Optical wireless communication beyond 5G network., GOV. College of Engineering, Chhatrapati Sambhajinagar,2024.

**Computer Knowledge-**

- Programming Languages : Programming in ‘C’, MatLab , Python in Data Science
- Proficient in basic use of computer.

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Faculty symposium on “ENGINEERING CURRICULUM INNOVATIONS “an outcome based education approach by MR.G.H.JOSHI,MR.TEWARI 29<sup>th</sup> June to 1 July 2017

### **Responsibilities:**

- Student Development Association (SDA Coordinator-ECE Department) A.Y.2024-25 Part II
- Marks verification committee member-ECE Department A.Y.2024-25 Part II
- Co-coordinator in Vishwaguru Banega Bharat Punjab Theme, Kalavihangam 2025
- TGS coordinator FY part II A.Y. 2024-2025
- Departmental Lab Audit (Total Labs=12)
- Paper setting OFC, IKS, Ethical Hacking, OWC beyond 5G network.
- To prepare NAAC 2.2.1 & 2.3.2 points for Department.
- Engineering Exploration Exhibition event management.
- Anchoring for Retirement program.
- MDM-IoT and Automation syllabus preparation.
- NBA part A, Part B preparation
- Departmental exam controller(Few days)
- FY to M. Tech syllabus design and preparation.
- CO/PO mapping documents preparation.
- Visiting Faculty data collections
- Departmental Documents preparation
- Result analysis
- Dead stock verification
- DSO & Power supply demo and check the instruments
- IRC Committee Member,2019
- Faculty coordinator for Japanese language,2019
- Class teacher 2017-2019
- Analog /Digital lab in charge
- Mentorship of FY
- FY Induction Program co-coordinator

### **Subject Taught:**

- Basics Electrical & Electronics Engineering(BEEE)
- Industrial IOT(IIOT)
- Mechatronics
- Indian Knowledge System (IKS-NEP Syllabus)
- Optical wireless communication beyond 5G network.
- Optical Fiber Communication (OFC)
- Engineering Exploration
- Digital communication
- Satellite communication.
- Linear Integrated Circuits (LIC)
- Industrial Measurement (IME)
- Audio Video Engineering.(AVE)

- Communication technique. (CT)
- Electronics Material & Components (EMC)
- Digital Electronics (DT)
- Electronics Measurement and Instrumentation (EIM)

**Key responsibilities handled:**

- STTP for students, Embedded system and VLSI by IGTR
- Engineering Exploration event manage and Judge the projects
- Attained motivational talk program
- STTP for students PLC by IGTR
- PCB WORKSHOP for students
- Student counseling and guidelines
- E-learning Dept.coordinator
- **ERP** Dept coordinator
- Teacher Guardian for SE,FE
- Under study (backlog may/June 2017)
- Assessment of answer scripts
- UPSC CIVIL SERVICES(preliminary exam.) ,invigilators
- Worked in Admission Cell Department 2018, 2019.
- Handled responsibilities of collection of registration forms.
- Coordinated cultural activities.
- Teach various Electronics Subject
- Maintain Student database