Sushant Satish Sawant (MTech)

Adjunct Faculty

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Maharashtra 400601

Professional Qualification:

- ➢ **Master of Technology 2014 – Specialization: Electronics System and Communication**
  National Institute of Technology, Rourkela - Odisha
- ➢ **Bachelor of Engineering, 2010 – Electronics and Telecommunication.**
  Vidyalankar Institute of Technology – Mumbai University

Short Biodata:

I have been working in the teaching field for the past 8 year and have handled students from the Engineering Background.

Patents/ Products/ Consultancy:

Major Subjects:

- ➢ Image Processing
- ➢ DT Signal Processing

Research and Scholarly Contributions:

- ➢ **M. Tech. Research**: Research topic "Compressive Measurement of Image Quality Index". The work involved in development of Image Quality Index with incorporation of the concept of SSIM with the Compressive Measurement Theory.

Software Tools:

1. MATLAB, LABVIEW, Latex

2. Python (Basic), JAVA (Basic), C/C++.

Experience:

Currently I'm working as an Adjunct Faculty in the Mechatronics Department, Terna College, Nerul. The subjects handled in the college are Machine Interface Design (Sem 6) and Industrial – Internet of Things (Sem 8). Also handling AI lab in computer department.

I also take subjects of first- and second-year students. The subjects include Engineering Mathematics, Engineering Mechanics, Basic Electronics, Control System, Analog Electronics, Structured Programming Approach and Digital Electronics. I have also experience of handling third and last year engineering students, where I have conducted lecture for Digital Image Processing, Machine Learning, Control System and Power Electronics.

Along with this I have been teaching 11th - 12th standard Science stream for the past 2-3 year, which includes IIT-JEE (Mains) curriculum.

Responsibilities Handled:

➢ Handled Artificial Intelligence Practical in the Computer Department.
➢ Worked as a Teaching Assistant in Embedded System and Real Time Lab during MTech

Declaration
I hereby declare that the foregoing information are correct and complete to the best of my knowledge.

Sushant Satish Sawant

Place: Navi Mumbai