Faculty Name: Dr.Vinodpuri Rampuri Gosavi

Designation: Associate Professor

Mail ID: vinodpuri.gosavi@sitrc.org,

Contact No: +91-9158585792

BIO

I, Dr. Vinodpuri Rampuri Gosavi is an Associate Professor in the Electronics & Telecommunication (E&TC) Department at Sandip Foundation's , Sandip Institute of Technology and Research Centre (SITRC), Nashik, an Autonomous Institute affiliated with SPPU. I hold Ph.D. in Electronics and Telecommunication,with over 21⁺ years of teaching experience. Iserved as an approved Ph.D Research Supervisor . I hold patents on innovative technologies such as "Automated Code Synthesis using Deep Learning Techniques" and an "Energy Management Method for Fast E-Vehicle Charging Stations." Internationally, I hold patents for "An Automatic Speech Emotion Recognition System" in South Africa and a design grant in the UK for an "Intelligent Biometric Attendance Recorder", and design grant in India for "A Clod Based student Attendance Device".

As an author, I have published books including "Database Management System," "Artificial Intelligence and Machine Learning: Building the Future,""Biomedical Image Processing using Neural Network","Artificial Intelligence and Machine Learning :Challenges and Impact on Healthcare"and" Machine Learning using Python "contributed to academic book chapters with IGI Global with title "Machine Learning Innovation in Embedded System and NB-IoT Devices", and recently submitted a chapter to Springer Nature on "AI applications in next-generation communication systems"

I am certified in "Python for Data Science" by IBM and have completed a 12-month certification in Data Science with Inside AIML, Pune, along with a recent Google certification in "Introduction to Generative AI." I am dedicated to advancing research and contributing meaningful developments within my field.My research focuses on Digital Image Processing, Artificial Intelligence, and Machine Learning. I have published more than 40 research papers in national and international journals and has received multiple best paper awards at conferences. I have presented our research internationally in ECE, Paris, France and NUS, Singapore

Qualification:

1. PhD (Electronics & Telecommunication Engineering)

2. M.E.(Electronics Engineering)

3. BE (Electronics and Telecommunication Engineering)

4. Master of Business Administration (MBA) specialization in HR.

5. Master in Data Science.

6. PG Diploma in Computer Application (C-DAC)

Paper Publications details:

- International Journal: 32

- International Conference: 09

- National Conference: 05

- Book Chapters: 02

- Patents: 05

- Copyright : 02

Experience: Teaching experience:21 Years11 Months

Subjects:

Taught / Teaching the courses at UG level :

- Artificial Intelligence &Machine Learning

- Big Data Analytics

- Core JAVA

- Semiconductor Devices and Circuits.

- Database Management System.

- Python Programming

- Electromagnetic Engineering.

- Electronics Circuit Design and Technology.

- Analog Devices and Circuits

List of Courses Taught/Teaching at PG level

- Image Processing and Computer Vision

- Advanced Digital Communication.

- Optimization Techniques.