

Dr. PANDYA VYOMAL NAISHADHKUMAR

Associate Professor (ECE)

B.E. (Electronics and Communication), M.E, Ph. D. (Electronics and Communication)



Career Highlights

10+ years of academia teaching (U.G and P.G) experience

- Sreenidhi Institute of Science and Technology (SNIST), Hyderabad, India
- ECE Department, C K Pithawalla College of Engineering and Technology, Surat, Gujarat India
- ECE Department, Dharmsinh Desai University, Nadiad, Gujarat India
- EEE Department, C U Shah College of Engineering and Technology, Nadiad, Gujarat India

Patents Filed & Awarded

1. Application No.201941008413 A , Publication Date : 05/04/2019 **Title: IOT Based Crop Disease Identification System using Optimization Techniques**

Achievements

- ✓ Established **Cisco Networking Academy (Cisco CCNA) Value added course to the students of SNIST, Since June 2018**

As a Netacad Contact/GTEC: Cisco Networking Academy & Cisco Trained Instructor; So far, where over more than 100 students have been enrolled and trained through Cisco Networking Academy.

It emphasizes concepts and skills required to design networks, while providing opportunities for practical application and hands-on experience by teaching students how to install, operate and maintain networks. It also helps the students in developing the skills which are necessary to fulfill the job responsibilities of network administrators and network engineers.

- ✓ Coordinated the Learnathon Competition **“Cisco Cybersecurity Essentials with Digital Batch”**, Organized by Cisco Networking Academy during **16th July to 31st July 2018**. From **SNIST, 288 students** got Digital Batch from Cisco Networking Academy, which includes Students from **ECE - 186, CSE- 30, ECM - 05 and IT - 52**.

Research Interests

Signal Processing,
Wireless
Communication,
Networking and IoT

Courses Taught

Digital Communication,
Cellular Mobile
Communication,
Data Communication
and Networking,
Computer Networks,
High Speed Networks,
Wireless Networks,
Wireless
Communication and
Networks, MIMO-
OFDM
Systems, Communication
Theory, Principles of
Communication

Education

PhD (ECE) -

Gujarat Technological University, Chandkheda, Gandhinagar, Gujarat, India December, 2016.

M.E. (ECS) - ECE Dept.,

Dharmsinh Desai University, Nadiad, Gujarat, India 2008-2010.

B.E. (ECE) – ECE Dept.,

Sri S'ad Vidhya Mandal Institute of Technology affiliated to Veer Narmad South Gujarat University, Surat, Gujarat, India