

Dr. Shruti Bhargava Choubey, IEEE , IAENG Member

Associate Professor (ECE)

B.E. (Electronics & Communication), M.Tech, Ph. D.

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Career Highlights

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

- i) Sreenidhi institute of science & Technology,Hyderabad
Jan.2017 to till date
Designation: Associate Professor
- ii) Christian College of Engineering and Technology, Bhilai
Period: August 2015 to 20 jan.2017
Designation: Associate Professor & HOD
- iii) Technocrats Institute of Technology, Bhopal
Period: July 2013 to July 2015
Designation: Assistant Professor
Responsibilities: Event coordinator, M.Tech Coordinator
- iv) Sakshi Institute of technology and Management, Guna
Period: July 2012 to June 2013
Designation: Assistant Professor & HOD
Responsibilities: Teaching, Time-Table Coordinator
- v) Technocrats Institute of Technology, Bhopal
Period: August 2007 to June 2012
Designation: Assistant Professor
Responsibilities: Teaching, Event coordinator

Patents Filed& Awarded

1. Patent application # 201941020883 - PATIENT MONITORING SYSTEM BASED ON EEG SIGNAL ACQUISITION, **Published** June 2019.

Research Interests

Medical Image Processing,
Artificial intelligence &
Computer Vision,
Image Denoising,
Deep Learning

Books and Chapters Published

Books-

1. Shruti Bhargava, Abhishek Choubey, Mini Gupta, Significance of Independent Component Analysis in Imaging, LAMBERT Publications,ISBN 978-613-8-32446-1 .
2. Shruti Bhargava Choubey ,Abhishek Choubey,rishabah singh kurmi Structural design simulation of Advanced High Performance Bus protocol,LAMBERT Publications,ISBN-978-613-9-99119-8
3. Abhishek Choubey, Shruti Bhargava Choubey, FPGA Implementation of RISC Controller, LAMBERT academic Publication 978-613-9-98319-3.

Book Chapters-

1. CSN Kaushik, Shruti Bhargava Choubey,SPV SubbaRao A Study On Neutron Star Interior Composition Explorer, Lecture Notes In Networks And Systems Springer Book Series,Pp 287-296 (Scopus Indexed)
2. Shruti Bhargava Choubey ,Abhishek Choubey,Khushboo Pachori Object Detection Using Higher Quality Optimization Techniques In Video Encoders, , Lecture Notes In Networks And Systems Springer Book Series,Pp 297-304 (Scopus Indexed)
3. A Literature Review On Quantum Experiments At Space Scale –Quess Satellite, Csn Koushik , Shruti Bhargava Choubey, Abhishek Choubey, Khushboo Pachori. Lecture Notes In Networks And Systems Springer Book Series.(Accepted, Scopus Indexed)
4. Csn Koushik , Shruti Bhargava Choubey, Abhishek Choubey, Spv Subba Rao, A Literature Review On Solid State Drives, Lecture Notes In Networks And Systems Springer Book Series. . (Accepted, Scopus Indexed)

5. Navya Reddy, V. Sumanth Varma, V. Sai Tarun Goud, Shruti Bhargava Choubey, Gesture Controlled Quadcopter For Defence Search Operations, , Lecture Notes In Networks And Systems Springer Book Series. .(Accepted, Scopus Indexed)
6. MekalaSheshank, Sai AkshithReddy , Shruti Bhargava Choubey, Fuzzy Svm Classifier For Clothes Pattern Recognition, Lecture Notes In Networks And Systems Springer Book Series. .(Accepted, Scopus Indexed)

Education

Ph.D. - ECE Dept., Dr.K.N.Modi University ,Newai ,Rajasthan,India,2015

Doctoral Dissertation –Denoising of medical Images using Hybridization of Particle Swarm Optimization & DWT.

M.Tech. - ECE Dept. –Digital Communication, Rajiv Gandhi Prodyogiki Vishwavidyalaya, Bhopal (M.P.), India, 2010

Master Thesis –Implementation of Continuous Image processing using Feed Forward Neural Networks

Bachelor of Engineering- Electronics & Communication, GEC, RGPV, India 2007

Other Qualification

Bachelor Degree in Music (B.Mus.) from Khairagarh University.

Research & Entrepreneurship Grants and Industry Consultancy

1. Shruti Bhargava Choubey Investigation on Noise detection of Real time MRI,FMRI images using Neural Networks, 80000 Rs. Funded by SreeNidhi Institute o f Science & Technology,Hyderabad.
2. Shruti Bhargava, BIONIC ARM For handicap, 100713 Rs,Funded by SreeNidhi Institute o f Science & Technology, Hyderabad.

Consultancy Project-

1. Shruti Bhargava & Abhishek choubey, Development of Intelligent Image & Video Processing Algorithm for Intelligent Video Cameras,1.45 Lakhs, Smart Bridge IOT.

No. of Journal Publications		Conference papers	FDP & Workshop attended	Teaching awards received
SCI/Scopus	Others			
13	81	14	15	3