Somaiya Vidyavihar University

Name: Ninad Dileep Mehendale	**E-mail: ninad@somaiya.edu**

Contact No: +919820805405			
Department/Section: Electronics Engineering			
College: K J Somaiya College of Engineering			
DOJ Somaiya:6/8/19	Career Experience: 16Yrs	Industry Experience:11 Yrs	Teaching Experience: 15 Yrs
Present Academic Designation: Associate Professor		Present Administrative Designation: In-Chrage STRIDE and IA lab	

Area of research/specialization and Courses Delivered

Research domain/interests/areas
    1. ARVR
    2. Signal and Image Processing
    3. Machine learning
Courses Delivered
    1. Image Processing
    2. 3D printing technology

Recognition as a teacher by any University	UG: No	PG: No	Ph.D : Yes
Details of Recognitions 1. Somaiya Vidyavihar University Letter No. SVU/DRO/PhDGL/22-23/010			

Education

Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D	Ph.D. in Technology	IIT Bombay	Indian Institute of Technology Bombay	2018	9.62/10
PG	M.Tech. In EXTC	NMIMS	MPSTME	2009	3.92/4
UG	B.E. in EXTC	Mumbai	K.J.Somaiya College of Engineering	2007	72.76
Diploma	Diploma in IE	MSBTE	V.P.M.`s Polytechnics	2004	81.92

Notable Experience Details

Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	KIT, Germany	Scientist	April 2018	April 2019	1
2.	D.J.Sanghvi College of Engineering	Lecturer	July 2008	January 2013	4.5

Research Accomplishments and Projects

No of students pursuing Ph.D as on date: 03	No of students completed Ph.D as on date: 00
No of students completed PG thesis / Project work as on date:00	No of students / groups completed UG projects as on date:17
Publications Total: 37	Number of Peer review Journal papers: 23	Number of Conference papers: 14

Details of Publications: can be found at https://drninad.weebly.com/publications.html
International Journals
1. Shelke, A., Mehendale, N. A CNN-based android application for plant leaf classification at remote locations. Neural Comput & Applic (2022)National Journals
2. Gupta, Akshi, Navdeep Rana, Binil Jacob, Ninad Mehendale, Debjani Paul, and Prasad Perlekar. "Effect of temperature on the growth characteristics of motile and non-motile Escherichia coli MG1655 colonies on hard agar." Indian Journal of Physics (2022): 1-6.

Conferences
1. Mehendale, N., Kumari, S., Naik, P., Mitra, D., & Paul, D. (2020). A microfluidic device to measure the shear elastic modulus of single red blood cells. In Proceedings of the 24th International Conference on Miniaturized Systems for Chemistry and Life Sciences (MicroTAS 2020) (pp. 821-822)

Books/Book Chapters
1. Patel, Rutwik and Mehendale, Ninad. "Deep Learning on medical images to combat a pandemic", In Computational Intelligence for Managing Pandemics, pp. 231 - 258. DeGruyter, 2021.

Patents/Copy Rights
1. Nil

No of Research / consultancy / projects completed:2 Rs: 2,00,000/-	No of Research / consultancy / projects on-going:1 Rs: 6,00,000/-	No of Research / consultancy / projects on applied as on date:2 Rs:30,00,000/-

Details of Research / consultancy / projects:
Completed
1. LiDAR cap for the blind with text-to-speech (TTS) navigation system
On-going
1. Sewage cleaning robot
Applied
1. Autonomous Solar Electric Vehicle

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered
Attended 　　1. High impact teaching mission 10x by Wipro
Organized 　　1. Sensors and Machine learning at KJSCE date: June 2020
Delivered 　　1. Industry 4.0 and smart manufacturing at KJSCE date 2 to 4th Feb 2023

Notable Key Scholastic Achievements	
1.	Gold Medalist from NMIMS at M.Tech.
2.	Ratan Tata Scholarship for being Diploma Topper

Notable Positions and Responsibility	
1.	Chief Research Scientist at NRL
2.	Scientist at IMT

Date: 08 / 02 / 2023　　　　　　　　　　　　　　**Signature of Faculty Member**