Meet Thakkar
Curriculum Vitae

Dept. of Computational and Data Sciences
Indian Institute of Science, Bangalore, IN
✉ *meetjitent@iisc.ac.in*
 Github   in Linkedin

Education

2024 — present	**PhD Engineering, Computational and Data Science**, *Indian Institute of Science*, Bangalore. Thesis: **Scientific AI & ML** (*tentative*) Supervisor: **Dr. Ratikanta Behera**
2020 — 2024	**Bachelor of Technology, Engineering Physics**, *Indian Institute of Technology Roorkee*, Uttarkhand. CGPA: **8.312/10**
2020	**Higher Secondary Examination**, *Shree Narayan Guru Vidyalaya*, Ahmedabad, Gujarat. Percentage: **81.2/100 %**
2018	**Secondary Examination**, *Lotus School*, Ahmedabad, Gujarat. Percentage: **86.5/100 %**

Research Experience

Indian Institute of Technology, Roorkee

May, 2023 — May, 2024	***Recurrent Quantum Neural Network***. Developed an advanced Quantum Machine Learning algorithm, the Recurrent Quantum Neural Network (RQNN) which uses the Schrödinger Wave Equation as its activation function
Advisor	**Prof. Tharun Kumar Reddy Bollu**, IIT Roorkee, IN

Projects

Indian Institute of Technology, Roorkee

Nov, 2023	***Neural Style Transfer***. Developed a model that combines the content of one image with the artistic style of another image. Leveraging transfer learning with a pre-trained convolutional neural network (VGG19) and also a custom trained CNN model for efficient feature extraction
Jan, 2023 — Apr, 2023	***Colorizing Images using conditional GANs***. Project focusing on colorizing images using conditional General Adversarial Networks (cGANs). Implementation of the pix2pix paper, which utilizes conditional GAN model for image-image translation.
Aug, 2022 — Nov, 2022	***Hand Gesture Recognition***. Project focusing on real-time hand gesture recognition using computer vision. Integrated recognized gestures to execute system commands like increasing brightness, decreasing volume.

Fellowships & Awards

2023	Recieved **Dean's Letter of Appreciation** Awarded by IIT Roorkee to Undergraduate students that have the highest increase in CGPA during a whole year of study

Academic Achievements

2020	Qualified *JEE Main 2020* with Central Rank List **532**.
2020	Qualified *JEE Advanced 2020* with All India Rank **2717**.