

# Kishore Babu Nampalle

## Indian Institute of Technology Roorkee

Roorkee, Haridwar dist., Uttarakhand State, India

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🌐 <https://www.linkedin.com/in/kishore-babu-nampalle-2a5402a8>

🌐 <https://github.com/kishorebabun>



## Education

Program	Institution/Board	Year
<a href="#">Ph.D.</a> (Computer Science & Engg.)	Indian Institute of Technology Roorkee Roorkee, India	2018-ongoing
<a href="#">M.Tech.</a> (Computer Science & Engg.)	Indian Institute of Technology Roorkee Roorkee, India	2015-17
<a href="#">B.Tech.</a> (Computer Science & Engg.)	Sri vidyanikethan engineering college Tirupati, India	2008-12
<a href="#">Intermediate</a> (M.P.C)	Krishna Reddy's Sri Chaitanya College Tirupati, India	2006-08
<a href="#">S.S.C</a>	A.P.R.S Gyarampalli Piler, India	2000-06

## Course Work

- Course: Database management system(DBMS), Advanced DBMS, Digital Logic design (DLD), Object Oriented Programming, Machine Learning, AI.
- Lab: Programming Languages in C, C++, Java, Python

## Technical Skills

- Programming Language: C, C++, Java, Python
- Database System: Mysql
- Web Technology: HTML, XML
- Operating System: Windows, Linux

## Positions of Responsibility

- *Worked as an assistant professor in Vignan's Deemed to be University (20-06-2017 to 18-12-2018). [Teaching, as a faculty advisor, Counselor for students.](#)*
- [Teaching Assistant \(Ph.D.\)](#) in CSE Department, IIT Roorkee (January,2019-Ongoing).
- [Reviewer for International Conference on Computer Vision & Image Processing \(CVIP\).](#)

## Workshops

- Certified by International Centre for theoretical physics (ICTP)for participation and completion of online Youth in High-dimensions: Machine Learning, Highdimensional Statistics and Inference for the New Generation 29 Jun - 03 Jul 2020. [ICTP certification](#)
- Attended IEEE International Conference on Image Processing on 25 – 28 October, 2020 Abu Dhabi, UAE (Virtual). [Certificate of participation in ICIP 2020.](#)
- Attended Fourth International Conference on Computer Vision & Image Processing (CVIP 2019) held in jaipur, Rajasthan , India.
- Participated in conducting the Workshop (virtual) on Digital Image Processing and its Applications (DIPA-2020) at NIT Arunachal Pradesh, India.

## Achievements/Awards

- Received the Honorarium from District collector for securing the Highest marks in S.S.C Public Examination.
- Awarded with a Certificate for participating in Ethical Hacking as an active participant.
- Awarded with a Certificate for merit in scoring in General Knowledge &Talent Test.
- Got merit scholarship for the achievement in securing first rank in Secondary School Examination in district level from Indian Bank.
- Received Alumni Funds from Indian Institute of Technology Roorkee to Present my Research paper in International Conference.
- Received Microsoft research funds from IIT Roorkee to attend IEEE International Conference.

- o Got US visa with 10 years validity i.e valid upto January 15,2030.
- o Attended and Presented (Offline) my research paper in 14th IEEE International Conference on Semantic Computing (ICSC 2020), which was held on Feb 3-5, 2020 in San Diego, California, USA.
- o Receiving M.H.R.D fellowship from Govt. of India.

## Visits

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### o National Visits:

1. Attended CVIP International conference, MNIT, Jaipur (Rajasthan)
2. Participated in conducting the Workshop (virtual) on Digital Image Processing and its Applications (DIPA-2020) at NIT Arunachal Pradesh, India

### International Visits:

1. Attended (Offline) ICSC international conference, California, Sandiago,USA.
2. Attended ICTP certification course (Virtually), Italy.
- 3.Attended IEEE International Conference on Image Processing at Abu Dhabi, UAE (Virtual)

## Publications

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1. Nidhi Saxena, **Kishore Babu Nampalle**, Balasubramanian Raman: Semantic segmentation of multispectral images using res-seg-net model, Proceedings of IEEE 14th International Conference on Semantic Computing (ICSC), February 3-5, 2020, San Diego, California, USA. **(Published)**

2. **Kishore Babu Nampalle**, Raman B.: An efficient approach for skin lesion segmentation using dermoscopic images: A deep learning approach. Proceedings of 5th IAPR International Conference on Computer Vision and Image Processing, December 4-6, 2020, pp. 430-439, Springer. **(Published)**

3. **Kishore Babu Nampalle**, Raman B. An efficient multi-functional deep learning model for effective medical image classification using skin lesion database, Proceedings of IEEE 5th International Conference on Multimedia Information Processing and Retrieval (MIPR), August 2-4, 2022 (pp. 425-429), IEEE. **(Published)**

4. Goyal, P., Raj, A., Kumar, P. and **Kishore Babu Nampalle**, 2022, August. Automatic Evaluation of Machine Generated Feedback For Text and Image Data, Proceedings of IEEE 5th International Conference on Multimedia Information Processing and Retrieval (MIPR), August 2-4, 2022, (pp. 413-418), IEEE. **(Published)**

5. **Kishore Babu Nampalle**, Shriansh Manhas and Balasubramanian Raman, Medical image security and authenticity via dual encryption, Applied Intelligence, Springer, April 2023. **(Published)**

6. **Kishore Babu Nampalle**, Anshul Pundhir, Pushpamanjari Ramesh Jupudi and Balasubramanian Raman, Towards Improved U-Net for Efficient Skin Lesion Segmentation, Multimedia Tools and Applications, Springer, April 2023. **(Under Revision)**

7. **Kishore Babu Nampalle**, Pradeep Singh, Vivek Narayan Uppala, and Balasubramanian Raman, Transcending Grids: Point Clouds and Surface Representations Powering Cross-Domain Imaging, IEEE Transactions on Biomedical Engineering, Dec 2023. **(Under Review)**

8. **Kishore Babu Nampalle**, Pradeep Singh, Shubhi Srivastava, Vivek Narayan Uppala, and Balasubramanian Raman, Medical Imaging Diagnostics via Anisotropic Diffusion in a Resource-Efficient Federated Learning Model, IEEE Transactions on Emerging Topics in Computational Intelligence, Dec 2023. **(Communicated)**

## Others

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o Hobbies: Travelling, Self Learning, Playing games  
Place: IIT Roorkee, Uttarakhand (India)

o Languages: Telugu, English, Hindi.  
(Kishore Babu Nampalle)