

Avinash N Rao

#349 Srigudi, JHCS Layout Gubbala
Bangalore, Karnataka 560061
avinashnrao1991@gmail.com | 8147464724

Professional Summary

Enthusiastic and dedicated Assistant Professor with s an Assistant Professor with 2.3 years of experience, 5.2 years as a network engineer, and 2 years as a human resource executive, for a total of 9.5 years of experience, who is enthusiastic and committed, specializing in Computer network and engineering.

Adept at delivering and engaging curriculum for undergraduate students, fostering critical thinking, and promoting academic excellence. Passionate about research, with a focus on Bioinformatics and a proven track record of publishing in reputable journals. Skilled in mentoring students, collaborating with interdisciplinary teams, and contributing to departmental initiatives. Committed to creating an inclusive learning environment and advancing knowledge in both the classroom and the broader academic community.

Professional Experience**Assistant Professor**

Jyothy Institute of Technology-Bangalore

Aug 2022 – Present

- Delivered lectures on Database management systems, IOT, OOPS with C++ etc.
- Guided students in research projects and practical labs.
- Guided students in research projects and received 2 KSCST awards in the year 2023-2024
- Achieved cent percent result in most of the subjects through my career as assistant professor.
- Mentored students for industry certifications and placements.

Network Engineer

Jyothy Institute of Technology-Bangalore

[November -2017] – [July -2022]

- Designed, implemented, and maintained Clustered network infrastructure.
 - Configured and troubleshot routers, switches, and firewalls for secure connectivity.
 - Ensured network security through monitoring & vulnerability assessments through servers.
 - Configured and troubleshot NVR & DVR for CCTV cameras
 - Provided training to IT staff on networking best practices.
 - Designed, implemented, and upgraded the computer labs throughout the campus
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Education**Pursuing PhD**

Jain university
2025 – present

MTech in computer network and engineering

Dr. AIT, Bangalore

2020-2022

B.E in Electronics and communication

KSIT, Bangalore

2012-2015

Diploma in Electronics and communication

MSRP, Bangalore

2009-2012

Skills & Competencies

- DBMS
 - C++
 - IOT
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Certifications & Training

- [PGDM-Physical Design] – [RV-VLSI], [2016]
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Projects & Achievements

- I successfully led a group of students on a beach sand rover project for the KSCST proposal, which earned an award in the IoT Division. Additionally, we applied for a copyright for the project.
 - I successfully led a group of students on a REAL-TIME MULTI-GASES DETECTION AND ALERT SYSTEM project for the KSCST proposal, which earned an award in the year 23-24
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Professional Affiliations

- Member of IEEE
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Languages

- ENGLISH
 - KANNADA
 - HINDI
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