

Curriculum Vitae

Mrs. Vidya K,
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Date of Birth: 27-10-1986. Age: 38 Years

EDUCATION QUALIFICATION:

- **M.Tech:** Completed M.Tech in Computer Science and Engineering at Maharaja Institute of Engineering and Technology, Mysore.
- **B.E:** Completed BE in Information Science and Engineering at GSSS Institute of Engineering and Technology for Women, Mysore
- **PUC:** Completed Pre University Education from Karnataka Pre-University Board in Sadvidya Composite Pre-University College, Mysore.
- **SSLC:** Completed SSLC from Karnataka Secondary Education Examination Board in Chirst the King Convent School, Mysore.

WORK EXPERIENCE:

- Currently working as a Lecturer in **BCA Department at S.R.Nagappa Shetty Memorial College of applied Sciences**, Shivamogga from 2024 to present.
- Working as Procurement Engineer at **HighRes Biosolutions ,USA** (Remote from India) from 2025 to present.
- Worked as Assistant Professor in **Department of MCA, Jawaharalal Nehru National College of Engineering**, Shivamogga from 2015 to 2017.

MEMBERSHIP:

- Life Member of “**The Institution of Engineers**” ,Mysore.

ACADEMIC RESPONSIBILITIES:

- Active member of the Placement Committee, coordinating placement activities, student training programs.
- Active member of Cultural Committee, organizing and managing college cultural events, competitions and student engagement activities.

WORKSHOPS/SEMINARS ATTENDED:

- Attended five days online FDP on “Agentic AI for Smart Healthcare and Medical Technologies held from 1st to 5th September 2025.
- Attended five days Faculty Development Program on “Outcome Based Education NBA” at JNNCE from 23rd to 27th January 2017.
- Attended five days “Python Programming Workshop” from 9th to 13th June 2017 at JNNCE.
- Attended 3 days workshop on IOT at JNNCE.

SOFTWARE PROFICIENCY

- Languages : C, C++, Java, JavaScript.
- Python and SQL.
- Operating System : Windows 7, Windows XP, Linux and others.

SUBJECTS UNDERTAKEN

- C, C++, Java, Data Structures, Python.
- Software engineering, Analysis and Design of Algorithms.
- Cyber Security, Data Mining, Mobile Applications.

ERP and ENTERPRISE SYSTEMS

- Microsoft dynamics 365(D365)
- SAP (Training Completed at HighRes Biosolutions, USA)
- Utilizing Microsoft Dynamics 365(D365) and SAP for Procurement and Supply chain operations.

RESEARCH/PROJECT :

M. Tech: 2012-14.

Place: MIT, Mysore.

Title: Transfer Reliability and Storage Congestion Control Strategies in Opportunistic Network

Abstract: Opportunistic networks are a class of mobile ad hoc networks (MANETs) where contacts between mobile nodes occur unpredictably and where a complete end-to-end path between source and destination rarely exists at one time. Proposed system ensures efficient and reliable end-to-end delivery of messages from source to destination and storage congestion control in opportunistic networks. Potential mechanisms for transfer reliability service, is hop-by-hop custody transfer and end-to-end return receipt. Congestion control strategies in opportunistic networks are closely related to the number of message copies distributed throughout the network that is single copy forwarding strategy and multi copy forwarding strategy. In our project we are using only single copy forwarding strategy. In single copy forwarding strategy, every time a node successfully forwards a message to the next relay node or destination, the forwarding node deletes the message in its storage. Thus, at any instant only one copy of the message exists in the network.

B.E.:2004-2008

Place: C.F.T.R.I, Mysore.

Title: Web Service for Enterprise Level Messaging

Abstract: The project will develop and deploy a few generic services which could be made use by other developers either in the same laboratory or other sister organizations elsewhere in the country. The project help in streamlining various computing projects along with scalability with robust growth resulting in improved services to end users.

PAPER PUBLISHED:

Vidya K, Hemanth S. R., ROUTING AND CONGESTION CONTROL STRATEGIES IN OPPORTUNISTIC NETWORKS: A SURVEY in International Journal For Technological Research In Engineering . Volume 1, Issue 11, July-2014.

The above information is true to the best of my knowledge.

Vidya K