



# Dr. Sreevidya R C

## Associate Professor

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### Experience

#### Academic:

- Associate Professor, Dept. Of CSE (Data Science), RNSIT, Bengaluru, India (April 2022-Till Date)
- Associate Professor, Dept. Of CSE, BNMIT, Bengaluru, India (June 2020-April 2022)
- Assistant Professor, Dept. Of CSE, BNMIT, Bengaluru, India, (Jan 2008 – June 2020).

#### Industry and R&D

- Software Test Engineer, Potential Technologies, Bengaluru, India (2005-2008)

#### Qualification:

- Doctor of Philosophy (Ph.D), Computer Science and Engineering, Visevaraya Technological University, Belgavi, Karnataka.
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- Master of Technology, SJB Institute of Technology, Visevaraya Technological University, Belgavi, Karnataka.
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- Bachelor of Engineering, Sri Krishna Institute of Technology, Visevaraya Technological University, Belgavi, Karnataka.

#### Courses Taught:

##### Undergraduate

Engineering Technology Management, Computer Concepts and Programming, Management Engineering, Software Engineering, UNIX System Programming, Discrete Mathematical Structures, Data Structures, UNIX Shell Programming, Embedded Computing Systems, Adhoc Networks, Web 2.0 and its Rich Applications, Computer Networks, Data Communication, Programming the Web, Computer Graphics and Visualization

##### Postgraduate

Switching and Statistical Multiplexing Techniques, Advanced Computer Networks, Internet of Things, Cloud Computing

#### Areas of Research:

Wireless Sensor Networks, Internet of Things, Computer Networks, Applications of Machine Learning, and Data Science



## Patent Grants

- Invention titled “QCIU- Education Environment System: Quantum Computing Integrated Development Education Environment Using IoT- Based System”, Patent number: 2020103849 on 27th January 2021(Australian Patent).
- Invention titled “Artificial Intelligence based Cardiac Arrhythmia detection in heart patients”, Patent number: 202121010624 on 19th March 2021(Indian Patent).

## Books

- Authored a book titled “Machine Learning: Modern Concepts & Algorithms
- Authored a book titled “ Introduction to Cyber Security and Cyber Forensics

## Major Projects

- Child Safety Wearable Device
- Health Monitoring System
- Stream your Mood-SYM
- Phonoscope
- Face Detection system
- Number Plate Detection
- Smart Notice Board
- Wireless Emission Level Monitoring

## Organized Talks/Workshops

- Organized a technical talk in association with ISTE on Product Management as a career.
- Organized a technical talk in association with ISTE on Artificial Intelligence Industry Overview.
- Organized a technical talk in association with ISTE on the Scopes and Challenges of Entrepreneurship.
- Organized a two-day workshop with ISTE on Artificial Intelligence and Machine Learning in association with EICT Academy, IIT-Kanpur.
- Organized Smart Hacks 2021-22 on C/C++ Programming organized by team EICT academy-IIT Kanpur.

## Key Publications

[https://scholar.google.com/citations?hl=en&user=0r9\\_ZMQAAAAJ](https://scholar.google.com/citations?hl=en&user=0r9_ZMQAAAAJ)