



Dayananda Sagar Academy of Technology & Management

(Autonomous Institute under VTU)

Affiliated to **VTU**
Approved by **AICTE**
Accredited by **NAAC** with **A+** Grade
6 Programs Accredited by **NBA**
(CSE, ISE, ECE, EEE, MECH, CV)

Faculty Name	Dr.Kavitha C	
Academic Designation	Professor	
Educational Qualification	Ph.D	
Experience	28.5 Years	
Date of Joining	9th March 2026	
Official Email ID	drkavitha-cse@dsatm.edu.in	

Educational Details

Ph.D. (Computer Science & Engineering), Visveswaraya Technological University, Belagavi Karnataka area of "Ad Hoc Sensor Networks", 2010.

- M.E. (Computer Science & Engineering), B.M.S. College of Engineering, Bangalore University, 1997.
- M.S. (Software Systems), Birla Institute of Technology and Sciences, Pilani, Rajasthan, 1996.
- B.E. (Computer Science & Engineering), Bangalore Institute of Technology, Bangalore University-1992.

Professional Experience

- Dean & Head, Department of Computer Science & Engineering, RNS Institute of Technology, Bengaluru from 12th September 2024 to 15th January 2026.
- Professor & Head, Department of Computer Science and Engineering, Dayananda Sagar Academy of Technology and Management, Bengaluru, from 1st September 2022 to 9th September 2024.
- Professor, Department of Computer Science and Engineering, Dayananda Sagar Academy of Technology and Management, Bengaluru, from 3rd September 2020 till August 31st 2022.
- Professor (Guest Faculty) Birla Institute of Technology and Sciences, Pilani, Professional Development Centre, Bengaluru, from August 2019 to August 2020.
- Professor and Head, Department of Computer Science & Engineering, Global Academy of Technology, Bengaluru, from 15th June 2016 to May 2019.
- Professor and Head, Department of Information Science & Engineering, BNMIT, Bengaluru from June 2015 to June 2016.
- Professor, Department of Computer Science & Engineering, BNMIT, Bengaluru, from November 2010 to May 2015.

- Department of Computer Science and Engineering, RVCE : from 2005 to October 2010 worked as an Assistant Professor, from 2002 to 2005 worked as a Senior Lecturer, from 1997 to 2002 worked as a Lecturer - Total 13 years in RVCE.

Publications (Total 65)

Significant latest publications:

- Dr Kavitha C, Shruthi K R, “Reinforcement Learning Based Approach for Underwater Environment to Evaluate Agent Algorithm”, Wireless Personal Communications, Wireless Personal Communications, Volume 145, Issue 1-2, Pages 93 – 111, <https://doi.org/10.1007/s11277-025-11845-w>, Published: 11 November 2025, **ACM Digital Library, Q2**, SJR 0.532, Impact factor 2.2
- Dr Kavitha C, Pushpa G, Manjunath G S, “Trinetra- A Vision Therapy Application to Aid People with Low Vision”, International Journal of Intelligent systems and applications in engineering, Vol 13, No. 1, **Scopus**, Elsevier, 2025, **Q3**
doi : <https://ijisae.org/index.php/IJISAE/article/view/7776>.,
- Dr Kavitha C, Sakshitha A, “Evolving with the threat: Dynamic and Adaptive Firewalls using Deception and Active Threat Hunting”, International Conference on Digital Technology and Engineering, 16th-17th October 2025, Bengaluru, **Springer**.
- Dr. Kavitha C, M. Poonia, M. Ahmed, M. Meghana and N. Naveed, "Interactive Screens Using Hand Gestures and Microcontroller," 2024 4th International Conference on Data Engineering and Communication Systems (ICDECS), Bangalore, India, 2024, pp. 1-6, published in **IEEE Xplore**
doi: 10.1109/ICDECS59733.2023.10502515
- Dr. Kavitha C, K. R. Shruthi, "Reinforcement learning-based approach for establishing energy-efficient routes in underwater sensor networks," 2022 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT), Bangalore, India, 2022, pp. 1-6, doi: 10.1109/CONECCT 55679.2022.9865724, Published in **IEEE Xplore**

Courses Participated:

- NPTEL course on “Demystifying Networks”, September 2025, **top 5%**.
- Six days Short Term Training program on “Essentials of Computer Science: basics of Quantum”, organized by NIT Warangal, 18th-23rd August 2025.
- Completed ATAL FDP on “Building Services in Smart City through IoT-Edge -Fog- Cloud Federation”, conducted by NIT Warangal from 9th December to 14th December 2024.
- Participated in “Building Enterprise Architecture Excellence (BEAE) on 11th to 16th November 2024, conducted by RVCE & Initiate Work Group, New Delhi.

Conference Attended

Achievements:

- NPTEL course on “Demystifying Networks”, September 2025, **top 5%**.

Academic Activity

Guided five Research Scholars under VTU and awarded Ph.D

Contact Details

Dr.Kavitha C
Professor, Department of CSE, DSATM.