

FACULTY PROFILE



NAME: VIDYA H A

Designation: Assistant Professor

Department of Computer Science and Engineering

Date of Joining: 17-11-2021

Length of Professional Experience: 13 Yrs

Personal and Contact Details

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Google Scholar: <https://scholar.google.com/citations?user=kCFQIbUAAAAJ&hl=en>

Scopus: 59370151200

Research: Artificial Intelligence, Machine Learning, Deep Learning

Academic Details

M. Tech (CSE), Sri Siddhartha Institute of Technology, SAHE, Tumkur, Karnataka, 2011.

B. E. (CSE), Kalpataru Institute of Technology, Tiptur, Visvesvaraya Technological University, Bengaluru, 2009.

Work Experience

Worked as Assistant Professor from 13-10-2011 to 16-11-2021 at Channabasaveshwara Institute of Technology, Gubbi, Tumkur.

Working as Assistant Professor from 17-11-2021 to till date at Kalpataru Institute of Technology, Tiptur.

Research and Article Publications

Vidya H A, Narasimha Murthy M S, Thara D K, "Harnessing deep learning for medicinal plant research: A comprehensive study", International Journal of Electrical and Computer Engineering, Vol. 15, No. 1, February 2025, pp. 908-920, ISSN: 2088-8708, DOI: <https://doi.org/10.11591/ijece.v15i1.pp908-920>

Vidya H A, Narasimha Murthy M S, Thara D K, "Leveraging Deep Learning for Identification of Medicinal Plant Species", International Conference on Data Science and Network Security, EISBN: 979-8-3503-7311-0, 2024, DOI: 10.1109/ICDSNS62112.2024.10690945.

Vidya H A, Narasimha Murthy M S, Supritha N, "The Scope of Artificial Intelligence in Agriculture and Healthcare Sectors: A Comprehensive Review", Advanced Engineering Science, Volume 54, Issue 2, ISSN: 2096-3246, 2022.

Sandhya P N, Vidya H A, "SAGE: Profiling and Optimization in Formal Methods", International Journal of

Sciences: Basic and Applied Research, Volume 15, Issue 1, pp. 590-604, ISSN: 2307-4531, 2014.

Vidya H A, "Radar Imaging of Concealed Targets", International Journal of Computer Science and Information Technologies, Vol. 5(4), pp. 5192-5196, ISSN: 0975-9646, 2014.

Achievements

FACULTY DEVELOPMENT PROGRAMS

FDP on "Deep Learning and Gen AI Applications" organized by Electronics and ICT Academy IIT Roorkee in association with BNM Institute of Technology, Bengaluru held from 20-01-2025 to 25-01-2025.

FDP on Next-Gen AI: Innovations in Machine Learning, Deep Learning, and Generative Models at ST. Joseph's College of Engineering & Technology, Palai from 13-01-2025 to 18-01-2025.

Ten Day Faculty Development Program on "Essentials of Cyber Security in Blockchain Technologies" held from 19-2-2024 to 29-02-2024 organized by Information Science and Engineering, Vidyavardhaka College of Engineering, Mysuru.

Faculty Development Program on "Deep Learning Case Studies" held between 25-10-2023 and 31-10-2023 at Christ (Deemed to be University), Yeshwanthpur Campus, Bangalore in Association with Tata Consultancy Services.

One Week AICTE-VTU Joint Teachers Training Programme on "Introduction to Python Programming and its Applications" from 19-06-2023 to 23-06-2023 Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur(D)-562101.

One Week AICTE-VTU Joint Teachers Training Programme on "Fundamentals of Data Science and Analytics" from 05-06-2023 to 09-06-2023 Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur(D)-562101.

Five Days online National Level Workshop on "Cyber Security and Forensics" from 02-05-2023 to 06-05-2023 Organized by the Department of Information Science and Engineering, Kalpataru Institute of Technology, Tiptur.

One Week FDP on "Machine Learning and Data Analytics using MATLAB" organized by Kalpataru Institute of Technology from 24-04-2023 to 29-04-2023.

One Week Online AICTE-VTU Joint Teachers Training Programme on "Robotics and Artificial Intelligence" from 24-04-2023 to 28-04-2023 Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur(D)-562101.

One Week AICTE-VTU Joint Teachers Training Programme on "Introduction to Web Programming" from 27-03-2023 to 31-03-2023 Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur(D)-562101.

Five-Day Online National-Level Workshop on "Deep Learning and its Applications" from 06-03-2023 to 10-03-2023 organized by the Department of Computer Science and Engineering, Kalpataru Institute of Technology, Tiptur.

5-Day Online Faculty Development Program on "Importance of Data Science in Machine Learning and its Applications" organized by the Department of Computer Science and Department of Information Science and Engineering from 06-02-2023 to 10-02-2023 at RV Institute of Technology and Management, Bengaluru.

AICE-ISTE approved Orientation/Refresher Programme on "Design Thinking" held during 07-03-2022 to 12-03-2022 organized by Visvesvaraya Technological University, Mysuru, Karnataka.

One Week AICTE-VTU Joint Training Programme for Teachers on "An Overview of Teaching in Innovation and Design Thinking" from 06-12-2021 to 10-12-2021 Organized by VTU Human Resource Development Centre (VTU-HRDC), Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur(D)-562101.

Professional Membership

The Institution of Engineers (India), M-1682045



(VIDYA H A)