



Ms. Shejina V

Assistant Professor

Department of Information Technology

College of Engineering Vadakara

Mobile: 9496380653

Email: vshejina@gmail.com

Qualifications:

- B.Tech in Information Technology
- M.Tech in Software Engineering

Experience:

- Working as Assistant Professor in College of Engineering Vadakara since 03/07/2012.
- Worked as Assistant Professor in College of Engineering ,Thalassery for 2 years
- Worked as Lecturer in Jyothi Engineering College for 5 years
- Total service: 16years

Areas of Interest:

- Artificial Intelligence
- Machine Learning
- Data structures & Algorithm Analysis
- Programming languages

Positions held:

- Secretary, Alumni Association from 22/04/2014 onwards
- Member of Training & Placement cell during 2020-2021, 2018-2019
- Class Advisor of B.Tech 2017-2021, 2015-2019 batch and 2012-16 batch
- Central Computing Facility(Website and CMS)convenor during 2017-2018
- Canteen Committee Convenor during 2017-2018
- HoD in charge of IT dept during Januray 2015-December 2016
- Academic Council member during Januray 2015-December 2016
- Anti-ragging cell member during Januray 2015-December 2016
- Member of College Development Council during Januray 2015-December 2016

Subjects Taught:

- Artificial Intelligence, Neural Networks, Operating Systems, Systems Software, Automata theory and formal languages, Compiler Design, Computer graphics and multimedia, Data structures and algorithms, Design and Analysis of Algorithms, Object oriented Programming(C++ and JAVA), Programming in C, Digital system Design, Internetworking with TCP/IP, Computer Networks, Distributed Computing , Database Management systems, Software Project Management, Cloud Computing, E-commerce
- Operating Systems lab, Data structures Lab, Algorithm Analysis lab, C lab, C++ lab, JAVA lab, Web application Development lab

Projects Guided:

- Handwritten Equation Solver using CNN, 2020-21
- Animal Identification using Score Level Fusion ,2019-20
- Rail road car wheel inadequacy detector, 2018-19
- Power Management and Billing System, 2018-19

- Raspberry Pi based Security System for Automotive Theft Detection,2016-17
- A number of projects in the area Machine Learning,Artificial Intelligence,Web Application Development etc

Publications:

- Shejina V, “Handwritten Equation Solver using CNN”,paper presented in 2nd National Conference on Novel & Challenging Issues and Recent Innovations in Engineering and Information Science conducted by College of Engineering Kidangoor on 15th & 16 July 2021
- Shejina V,” Raspberry Pi based Security System for Automotive Theft Detection”, International Journal of Science & Research (IJSR) ISSN: 2278-0181,National Conference RCIP 2017
- Shejina V,” Automotive Theft Detection Using Face Recognition”, International Journal of Research in Engineering & Technology (IJRET) ISSN: 2319-1163, Volume: 05 Special Issue: 19 | NCDS-2016 | Oct-2016.
- Shejina V,”Face Recognition using Feed Forward Back Propagation Neural Networks”, paper presented in National Conference on Soft Computing (NCSOFT 2010),CUSAT
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Training Programmes Organised:

- Webinar on “Mobile Call/GSM Network” for S8 and S6 students under Alumni Association,College of Engineering Vadakara on 26th January 2021.
- One day Workshop on “**Compiler Design**” , for S6 students on 29th May 2021, organized by Department of Information Technology, College of Engineering, Vadakara under TEQIP Phase- II.
- Two day National Conference on “Recent Trends in Computational Intelligence And Image Processing (RCIP -17) on 22nd and 23rd February 2017 organized by College of Engineering Vadakara at Hyson heritage ,Calicut
- High Intensity Training Program on “**Developing Mobile Applications Using Android**” from 29 th August 2016 to 28 th September 2016 (20 days) organized by Department of Information Technology, College of Engineering Vadakara under TEQIP Phase- II.

- National Level Faculty development Programme on “**DATA MINING AND ITS APPLICATIONS**” scheduled from 4th to 9th April 2016 organized by Department of Information Technology, College of Engineering Vadakara under TEQIP Phase- II.
- One day Workshop on 3DMAX on 15th July 2016 for S6 students organized by Department of Information Technology, College of Engineering Vadakara under TEQIP Phase- II.

Training Programmes Attended:

- Two day National Conference on “**National Conference, Advances in Computing Communication Signals Energy and Technology, ACCSET'21** conducted on 26th and 27th May 2021 at College of Engineering Vadakara.
- FDP on “Block Chain & Cyber Security “organized by Department of Computer Science & Engineering, College of Engineering Vadakara under TEQIP Phase- II from 16/03/2021 to 20/03/2021(5 Days)
- FDP on “Deep Learning Using Python “organized by Govt. Engineering College Kozhikode from 13/01/2020 to 18/01/2020(6 Days)
- FDP on “Team Building, Motivation and Creativity “organized by NITTR, Chandigarh 16/01/2017 to 20/01/2017 (5 Days)
- FDP on “Formal languages and Automata theory “organized by Department of Computer Science & Engineering, College of Engineering Vadakara under TEQIP Phase- II from 06/02/2017 to 11/02/2017(5 Days)
- Two day National Conference on “Recent Trends in Computational Intelligence And Image Processing (RCIP -17) on 22nd and 23rd February 2017 organized by College of Engineering Vadakara at Hyson heritage , Calicut
- FDP on “Free and Open Source Technologies “organized by College of Engineering Vadakara under TEQIP Phase- II from 17/10/2016 to 21/10/2016 (5 Days)
- Two day National Conference on “Recent Trends in Computational Intelligence And Image Processing (RCIP -16) on 22nd and 23rd February 2017 organized by College of Engineering Vadakara in collaboration with Calicut University
- FDP on “Advanced Networking “organized by College of Engineering Vadakara under TEQIP Phase- II from 19/10/2015 to 23/10/2015 (5 Days)

- FDP on “Recent Trends & Techniques in Digital Image Processing” organized by College of Engineering Vadakara under TEQIP Phase- II from 30/11/2015 to 5/12/2015 (6 Days)
- FDP on “Administering Network Components & Infrastructure Servers” organized by College of Engineering Vadakara under TEQIP Phase- II from 23/11/2015 to 27/11/2015 (5 Days)
- FDP on “Data Mining and its Applications ” organized by College of Engineering Vadakara under TEQIP Phase- II from 4/4/2016 to 9/4/2016(6 days)
- FDP on “Image Computing Applications ” organized by NIT Calicut under MHRD-AICTE from 11/06/2013 to 15/06/2013(5 days)
- Two week workshop on “Data base Management systems ” organized by IIT Bombay under MHRD from 21/05/2013 to 31/05/2013
- FDP organised by Teaching Learning Centre ,IIT Madras
- FDP on Technology Enabled Teaching and Learning at IIM Kozhikode

Professional Body Memberships:

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