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GM UNIVERSITY

P. B. Road, Davanagere – 577 006 KARNATAKA | INDIA

GMU - Faculty & Staff Profile Templet



Contact

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Prof. Firoz Khan

Head & Asst. Professor

Faculty

Faculty of Engineering and Technology

School / Program

Faculty of Engineering and Technology/

B.Tech. in Computer Science and Engineering

Faculty Introduction (Five to Six Lines)

Firoz Khan is an accomplished academician with **16 years of teaching experience** in Computer Science. He holds an **M.Tech in Computer Science** and is currently pursuing **research in Cybersecurity, Edge-Cloud Platforms, and Data Science**. His expertise spans across **Cybersecurity, Python, Java, DBMS, and Cryptography**, with a strong focus on building secure and intelligent computing systems. Passionate about integrating emerging technologies into education, Firoz Khan has guided numerous student projects and research initiatives, fostering innovation and practical learning. His ongoing work contributes to advancing secure data processing and cloud-edge intelligence in modern computing environments.

Qualifications

(Ph.D.) (Cybersecurity, Edge – Cloud Platform)

VTU, Belgaum

M. Tech. (Computer Science)

VTU, 2012

BE (ISE)

Experience

Teaching

- 16 Years

Industry



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Research

- • Cybersecurity and Data Privacy
- • Edge-Cloud Computing and IoT Integration
- • Data Science and AI-driven Security Systems

Training Program Attended

- Cybersecurity by Splunk in 2024
- Atal FDP on “ Cybersecurity essentials”, 2022.

Research Interest

- • Cybersecurity and Data Privacy
- • Edge-Cloud Computing and IoT Integration
- • Data Science and AI-driven Security Systems

Awards & Achievements

- • Best Paper Award – International Conference by IFERP, GMIT (2021).
- • Best Paper Award – International Conference by SFE, Mangalore (2019).
- • Best Faculty and Best Research Scholar recognitions.

Publication / Patents

Patent - Firoz Khan, “Self Power Generation Intelligent Electric Vehicle,” Patent Filed: 26 Nov 2020

- • Firoz Khan et al., “Heart Disease Prediction using Logistic Regression Algorithm,” Grenze International Journal of Engineering and Technology, Vol. 7(1), 2021.
- • Firoz Khan et al., “Low Cost Intelligent Child Safety Wearable IoT Device for India,” IJRTE, Vol. 9(1), 2020.
- • Firoz Khan et al., “Monitoring of Elderly/Blind Patients Health Remotely Through Wearable Sensors,” IJERCS, 2020.
- • Keerthi Prasad G, Imran Khan, Naveen R. Chanukotimath, and Firoz Khan, “Online Handwritten Character Recognition System for Kannada using PCA Approach,” IEEE Proc. WICT-12, 2012.

Administrative Responsibilities

- Department Head
- Lead Coordinator
- Asso. Director of SDTCD

Workshops / FDPs / Seminars Attended

- Faculty Development Programme on “Advances in Robotics and Automation,” 12–16 Feb 2025, organized



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by the Department of Robotics & Automation, GM University.

- International Hackathon organized jointly with BPA Labs, Czech Republic, Aug 2021.

Workshops / FDPs / Seminars Organized

- Faculty Development Programme (FDP) on “Advances in Robotics and Automation” Date: 12th – 16th February 2025
Organised by: Department of Robotics & Automation, GM University

Projects Guided

- UG Projects
- PG Projects

Funded Projects / Grants Received

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Any Other Contributions