

FACULTY ACHIEVEMENTS

Name of the staff: **Dr Shreedhara K S**

1. "Automated IT service Desk systems using Machine learning Techniques", Data Analytics and Learning, Springer Lecture Notes in Neural Networks and systems (LNNS), Vol 43, pp 331-346, DOI:10.1007/978-981-13-2514-4_28(Scopus Indexed)
2. "A Deep learning based IT service desk ticket classifier using CNN" ICTACT Journal on Soft Computing(IJSC), Vol 13, issue 1, pp 2229-6956, October 2022, DOI: 10.21917
3. "A bio-inspired Modified PSO strategy for effective web information retrieval using RCV1 dataset" International Journal of Innovative technology and exploring engineering ISSN: 2278-3075, Vol 8, issue-10, DOI: 10.35940

Awards/Prizes

1. "Eminent Engineer"- Award from Institution of engineer(I) , Bangalore chapter
2. "Letter of Appreciation"- from VTU and Kuvempu University
3. Four: "" Best research Paper Awards"" from the respective conference
4. "Academic Achievement Award" from UBDT and VTU

Sponsored Projects:

1. MODROB Project sponsored by AICTE , 5Lakhs + 12 Lakhs
2. K-FIST Level-1 Project on Health care - 20 Lakhs
3. "Campus Wide Network" for KU and associated colleges- 18.5 Lakhs

Books Published:

1. LAP LAMBERT academic publishing, Germany, " Pre-processing: A prerequisite for discovering patterns in web usage mining"
2. "Computer Graphics with OpenGL". Cengage Publishing
3. Resource material for Distance education programme of Kuvempu university for the subject "Pattern Recognition", Digital Image processing etc...

Name of the Staff: **Dr. Mohamed Rafi**

1. M. I. B. Hussain, and M. Rafi, "A Secured Biometric Authentication with Hybrid Face Detection and Recognition Model", International Journal of Intelligent Engineering and Systems , Vol.16, No.3, pp.48-61, 2023.
2. Naseer R, Dr.Mohamed Rafi " Identity Recognition of Humans in Video Surveillance System Using Cumulative Foot Pressure Images" International Journal of Application or Innovation in Engineering & Management (IJAIEEM, Volume 10, Issue 9, September 2021
3. Vasanth Kumar, Mohamed Rafi, "MSB based Face Recognition Using Compression and Dual Matching Techniques" , International Journal of Image Processing (IJIP), Volume (13) : Issue (4) : September , 2019

Awards/Prizes

1. Bharath Education Excellence Award 2022
2. VTU Avishkar Project Exhibition I Prize(25000), 2020-2021

Sponsored Projects

1. ATAL Faculty Development Program on Intelligence Schemes for Cyber Security
2. KSCST UG Sponsored project on Classification of B -Cells Lymphoblast's Versus Normal Cells in White Blood Cells

Other Achievements

- Over 175 Papers published in International Journals & Conferences and National Journals and Conferences
- Co-Author of the text book Operating System written as per syllabus of VISVESVARAYA TECHNOLOGICAL UNIVERSITY(VTU), Karnataka, India
- Co-Author of the Book Design of Efficient algorithms for Human Recognition based on Bimodal Physiological Biometric Traits
- Patent Published , Dr.Vasantha Kumara M, Dr. Mohamed Rafi, “ Bimodal Physiological biometric trait device”, Intellectual Property office. UK Design, 2023
- Patent Published Dr. Mohamed Rafi, Sarawathi H S, “ A Novel artificial Intelligence approach for an early prediction of pancreatic adenocarcinoma using Urinary biomarkers by Intelligence Property, Govt of India, 2023
- Organize and Coordinated over 56 academic programs including workshops, seminars and technical talks for students of UG, PG and Faculty members
- Serving as an expert to audit documents of Accreditations (National Board of Accreditation)NBA, India
- As a Member, Board of Studies, Dept of Computer Science & Engineering, Bangalore University.
- Serving as expert in the field of image processing, Doctor Committee, VTU Belagavi.
- Serving as expert for doctoral committee of PhD Scholars of VTU
- As a coordinator of MOOC(Massive open online courses) Program.
- Guiding 3 Ph.D. Scholars & guided 3 Ph.D , VTU, Belagavi
- As a Remote center coordinator of NMEICT Programs, IIT Bombay
- Served as Subject Expert of Computer Science & Engineering Doctoral Committee, Bangalore University
- Serving as an Academic Expert for Dept of AI& ML Dayananda Sagar College of Engineering, Bangalore
- Delivered More than 28 Technical talks in FDP /Conferences.

Name of the Staff: Smt Kavitha G

Papers Published:

1. Noise Estimation and Type Identification in Natural Science and Medical Images using Deep Learning Approaches”. Contrast Media & Molecular Imaging”, 2023

Name of the Staff : Sri Naveen Kumar B

Papers published:

1. “ A Novel method for monitoring and control green Home forming using IoT”, IJRT, Vol 9, Issue 3, 2021
2. “IoT based smart device management using MQTT services”. IJRASET, Vol 7, Issue 6 , 2019
3. “Density classification at large scale crowd using spatio-temporal local Binary Pattern”, IJRT, Vol 6, issue 2, 2019
4. “Implementation of Movie recommender system based on NEO-4J database”. IJRT, Vol 6, Issue 2, 2019
5. “Social distancing alarming system “, IJARESM, Vol 9, Issue 4, 2021

Signature of the staff: