Mallikarjuna S B
Associate Professor
CS&E Department, BIET,
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Objective

To be a successful Professor by inculcating advanced and innovative teaching pedagogies in the field of Computer Science and Information Technology. To be a good leader by imbibing best-in-class leadership qualities for the overall development of an educational institution.

Research Interests

- Machine Learning
- Image Processing
- Computer Network
- Automata Theory and Compiler Design

Academic Profile

Visvesvaraya Technological University, Belagavi   2016-

Perusing Ph.D., Research Centre: Computer Science & Engineering, Bapuji Institute of Engineering and Technology, Davangere under the guidance of Dr. Poornima B., Professor & Head Dept. of IS&E, BIET.

Mysore University, Mysore   1999-2000

Master of Technology (M.Tech), Computer Science and Technology, DOS in Computer Science, Manasagangothri, Mysore.

Kuvempu University, Shivamogga   1990-1994

Bachelor of Engineering (BE), Electrical and Electronics, Govt. BDT College of Engineering, Davangere

Teaching Experience

Associate Professor

Associate Professor in Computer Science and Engineering dept. from Sept. 2012 to till date

Assistant Professor and Head

Assistant Professor and Head of IS & E Department from Sept. 2009-2012.

PG coordinator for M.Tech, in Computer Science & Engineering from Sept. 2009 to Sept.2013

Assistant Professor

Assistant Professor/System analyst in CS & E dept. from March 2006 to August 2009

Lecturer

Lecturer in CS&E dept. from October 2000 to Feb. 2006.

Lecturer in Electrical and Electronics Dept. from 1995 to 1998

Professional Memberships

Indian Society for Technical Education (ISTE)- Lifetime Membership-LM35040

Corporate Experience

Worked as a Project Trainee in DSP-Group at Texas Instruments Pvt. Ltd., Bangalore from January 2000 to October 2000.

Subjects Handled

Data Structures with C, Operating Systems, Software Engineering, Object Oriented Programming with C++, System Simulation and Modeling, Microprocessors, Data Communications, Computer Networks, Java and CGI-programming, Finite automata and Formal Languages, Automata Theory and computability, Research Methodology and Compiler Design for M.Tech., MCA, MBA, B.E & BCA students.

Books/Course Materials written/published

1. Data Structures with C -Sponsored by AICTE, C-NANCE, New Delhi in 2000.

2. Object Oriented Programming with C++ -Sponsored by Tongji University, China.

3. Data Structures using C and C++ - A Study Material for BCA, BSc of Distance Education program of Kuvempu University.

List of Publications:

- S. B. Mallikarjuna[1*], Palaiahnakote Shivakumara[2], Vijeta Khare[3], N. VinayKumar[4], M.Basavanna[5], Umapada Pal[6], B.Poornima[7], "CNN Based Method for Multi-Type Diseased Arecanut Image Classification", DOI: https://doi.org/10.22452/mjcs.vol.3.no. 3.3, pp.255-265, 2021.

- [1]Bindu Ravishankar, [2]Anu Bai B, [3]Pujar Naveen Kumar, [4]Ramya Shree G T, [5]SB Mallikarjun, "Machine Learning Approach To Predict Alzheimer's Disease Using MMSE Metrics", IJSART - Volume 7,Issue 7, July 2021, ISSN : 2395-1052.

- Mallikarjuna S B[1], Nithya H L[2], "Detection of Fake Online Reviews using ML", International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 8 Issue VIII Aug 2020.

- Manjushri U A[1], Mallikarjuna S B[2], "An Integrated Approach for Weather Predictions using Machine Learning Technique", ", International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.177, Volume 7, Issue VI, June 2019.

- MS Sushma[1], SB Mallikarjuna[2], "A Keyword Recommendation of Policies to Achieve Security Using Mapreduce", International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056,p-ISSN: 2395-0072, Volume: 05 Issue: 07, July-2018 .

- Chandana L S[1], S B Mallikarjuna[2] , "Near Field Communication For HealthCare System Using Cloud", International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 04 Issue: 08, Aug -2017, p-ISSN: 2395-0072.

- Azizkhan F Pathan[1] , S. B. Mallikarjuna[2], "A Load Balancing Model Based on Cloud Partitioning for the Public Cloud", International Journal of Information & Computation Technology. ISSN 0974-2239 Volume 4, Number 16 (2014), pp. 1605-1610

- Suresha k[1] , Mallikarjuna S B[2], "Multi-Path Encrypted Data Security Architecture for Mobile Ad hoc Networks", International Journal of Research Studies in Computer Science and Engineering (IJRSCSE) Volume 1, Issue 1, May 2014, PP 52-56.

Additional Roles @BIET & Other Institutions

- Deputy warden for the BIET Boys' campus Hostel from May 2014 to April 2017
- Placement Officer for BIET Davangere from 2015 to 2018.
- Coordinator of IGNOU study centre-1311 from May 2017 to April 2021.
- Observer for VTU digital evaluation center at UBDTCE Davangere from June 2016 to August 2016.
- IGNOU counseling faculty for SC-1311 at BIET from 2000 to 2015.
- BOE member for Kuvempu and Davangere Universities for both UG and PG programs in computer science.
- Soft and Hard skills trainer of Infosys campus connect program at BIET.
- Internal deputy chief examiner of VTU examinations at BIET for more than 5 consecutive years.
- Coordinator for evaluation center of VTU examination at BIET.
- Chief coordinator for evaluation center of Kuvempu University.
- Examination coordinator for different exams like GATE, JEE and other online examinations conducted by different organizations.
- Technical Program Coordinator for DRS-IEP program at BIET, which is launched by VTU.
- Administrator for EDUSAT program at BIET, which was launched and organized by ISRO and VTU.
- Accreditation team member for the accreditation of CS&E dept., BIET, Davangere and the institute and dept. got accreditation for three years.
- NAAC team member for the CS&E dept. and during that time institute got 'A' grade.
- Worked as a project coordinator for UG and PG Computer Science and Engineering courses of VTU.
- Inspected more 30 High Schools/ Pre-University colleges under the "Mahithi Sindhu Program" as per guidelines given by Karnataka State Government.
- Worked as external Deputy Chief Examiner for the smooth conduction of UG/PG examination of VTU during 2000-01 at JNNCE, Shivamogga.

- DAVANA coordinator during 2009 and 2010, it is a cultural program conducted every academic year in BIET, Davangere.
- Worked as organizing committee member for DAVANA-VTU cultural Festival program, which was organized at BIET, Davangere.

Seminar/ Workshops Attended

- Attended software Engineering training program at iiit-Bangalore from 12-2-2001 to 25-2-2001, which was conducted by VTU.
- Attended 14th CSI Karnataka Student's convention program from 22-12-2000 to 24-12-2000 at GIT, Belgaum.
- Attended Visual Age for JAVA, software training program at BMS college of Engineering, Bangalore from 02/09/2001 to 11/09/2001, which was conducted by IBM, Bangalore
- Attended one day workshop on "Model Question Papers and Guidelines Preparation for B.E. (CS&E / IS & E) of VTU at BMS college of Engineering on 12/04/2001.
- Attended short term course on "Fuzzy Logic and its Applications to Power Systems" conducted at BIET, Davangere and sponsored by AICTE, New Delhi
- Delivered a Lecture in the short-term course "Linux - Unleash the full potentials of Linux" on Computer Networks and Network Configurations.
- SHRISHTI -2006, a state level Project Exhibition and Competition held from 18-05-2006 to 21-05-2006 held at GMIT, Davangere as Judge.
- Workshop on "Quality of Service on Internet" Held at Bapuji Institute of Engineering and Technology, Davangere from 04-07-2005 to 09-07-2005.

Extra/Co-curricular   Activities

- DAVANA coordinator during 2009 and 2010, it is a cultural program conducted every academic year in BIET, Davangere.
- Worked as organizing committee member for DAVANA-VTU cultural Festival program, which was organized at BIET, Davangere.

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