

BRIEF PROFILE

Dr. Shankaragowda B.B.

MCA, M.Phil.(CS),Ph.D.(CS), MISTE

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Google Scholar link: <https://scholar.google.co.in/citations?user=NtQODNYAAAAJ&hl=en>

RESEARCH INTEREST

Image Processing, Pattern Recognition, Medical Image Analysis and Data Analytics, Data Mining.

TEACHING EXPERIENCE: 13 YEARS AND 4 YEARS 6 MONTHS IN RESEARCH.

Sl. No.	Designation	From	To
1	Lecturer	24-07-2007	31-8-2012
2	Assistant Professor	01-09-2012	Till Date

EDUCATIONAL QUALIFICATIONS:

- **Ph.D.[Computer Science]** from Department of Computer Science, Kuvempu University, Shankaraghatta, Shivamogga. Year 2019.
- **M.Phil.[Computer Science]** from Vinayaka Missions University, Salem, FC, Year 2009.
- **MCA** from Bapuji Institute of Engineering and Technology-Study Centre, Davangere, Indira Gandhi National Open University, New Delhi, FC, Year 2003.
- **PGDCA** from Bapuji Institute of Engineering and Technology, Davangere, Kuvempu University, Shankaraghatta, Shivamogga, SC, Year 1996.
- **B.Sc.[PCM]** from DRM Science College, Davangere, Kuvempu University, Shankaraghatta, Shivamogga, Year 1993.

PROFESSIONAL MEMBERSHIP:

- **Member of Indian Society for Technical Education (MISTE).**

Membership Number: **LM 53824**

SKILLS PROFILE:

- **Operating Systems: Windows 9x, Windows 10, Linux**
- **Languages: C, C++, Java, MATLAB.**
- **Networking Knowledge: TCP/IP.**

PROJECT GUIDED:

- **For MCA : 45 Students.**

PUBLICATIONS:

Research Papers Published:

Conferences/Journals	Numbers
National Conference	05
International Conference	03
International Journals	05

National Conference:

- Presented a paper titled "*Controlling remote machine through short message service using cell phone*" at National conference of Advance Multimedia processing and applications held at R.V.College of Engineering, Bangalore
- Presented a paper titled "*An ANN approach for the detection of solid breast Nodules*" at National Conference on Recent Trends Information Technology, held at Sir MVIT, Bangalore.
- Presented the a paper entitled "*An Artificial Neural Network for Digital Mammography image Analysis*" in the national conference on Information Technology for sustainable Future(NCITSF'14) held on 9th May 2014, organized by the department of Computer Science and Information Technology, Jain University, Bangalore.

- Presented the a paper entitled “Digital Mammography images feature extraction for Computer Aided diagnosis of Breast Cancer” in the National Conference on “Computer Networks and Soft Computing – MCNS-16” under TEQIP-II-1.2 from 26th – 27th February 2016 organized by the Dept. of CS&E and IS&E, Sri Siddhartha Institute of Technology, Tumkur.
- Presented a paper on the Topic Titled “ **Endoscopic Images for Computer Aided Diagnosis of Throat Cancer feature extraction**” and the Paper was selected as the Best Paper in the National Conference on Emerging Trends in Engineering & Technology and Applied Research(NCETAR-17) held on 19th May 2017, organized by M.S.Engineering College, Bengaluru at MSEC Campus.

International Conference:

- Presented a paper titled “*An Artificial Neural Network approach for Mammography images feature extraction*” at Internal Conference on Cognition and Recognition, Organizing PES college of Engineering Mandya held at B N Bahadur Management Institute University of Mysore, Mysore Karnataka, India.
- Presented a paper titled “*Computed Tomography Images for Computer Aided Diagnosis of Lungs Cancer feature extraction*” on International Conference on Recent Innovative Trends in Computer Science and Applications (ICRITCSA-2016) held on 21st and 2nd October 2016 organized by Department of Computer Applications, ISE,CSE at M S Ramaiah Institute of Technology, Bangalore.
- Presented a paper titled “A Novel Approach for the Brain Tumor detection and classification using Support Vector Machine” in 3rd International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT – 2017) Technically Sponsored by IEEE Bangalore Section held at Sri Siddhartha Institute of Technology, Tumakuru, Karnataka, India during 21st - 23rd December 2017. IEEE ISBN : 978-1-5386-1144-9; IEEE Part Number: CFP17L92-ART IEEE Conference Record #42713.

International Journals:

Research paper published in the International Journal:

- [1] **Shankaragowda B.B.** and Dr. M. Siddappa, “An Artificial Neural Network for Digital Mammography image Analysis,” *International Journal of Engineering Research and Technology(IJERT)*, Volume: 2, Issue:11, ISSN:2278-0181, pp. 22-25,2014.
- [2] **Shankaragowda B.B.**, Dr. M. Siddappa and Dr. Suresh M.,“Computed Tomography Images for Computer Aided Diagnosis of Lungs Cancer feature extraction,” *International Journal of Advanced Research in Computer and Communication Engineering(IJARCCCE)*, Volume: 5, Special Issue:2, ISSN:2278-1021, pp. 136-138, October 2016.
- [3] **Shankaragowda B.B.**, Dr. M. Siddappa and Dr. Suresh M.,“Endoscopic Images for Computer Aided Diagnosis of Throat Cancer Feature Extraction,” *International Journal of Engineering Research-Online(IJOER)*, Volume: 5, Issue:S1, ISSN:2321-7758, pp. 13-16, Jyune 2017

[4] **Shankaragowda B.B.**, Dr. M. Siddappa and Dr. Suresh M.,“ A Novel Approach for the Brain Tumor detection and classification using Support Vector Machine,” *Institute of Electrical and Electronics Engineers(IEEE)*, DOI: 10.1109/ICATCCT;2017.8389112, INSPEC Accession Number: 17858886, 2018.

[5] **Shankaragowda B.B.**, Dr. M. Siddappa and Dr. Suresh M.,“Novel Approach for Texture-Based Segmentation and Classification of Brain Tumor in MR Images” *International Journal on Future Revolution in Computer Science and Communication Engineering(IJFRCSC)*, Vol. 4, Issue 6, ISSN:2454-4248, pp. 98-100, June 2018.

ACHIEVEMENTS:

- **Best paper Award:**

Presented a paper on the Topic Titled “ **Endoscopic Images for Computer Aided Diagnosis of Throat Cancer feature extraction**” and the Paper was selected as the Best Paper in the National Conference on Emerging Trends in Engineering & Technology and Applied Research(NCETAR-17) held on 19th May 2017, organized by M.S.Engineering College, Bengaluru at MSEC Campus.

CORE SUBJECTS TAUGHT:

Problem Solving using C, Programming using Java, Introduction to Unix ,Unix and Shell Programming, Object oriented Programming with C++, Database Management Systems, Advanced Topics in Database Management Systems, MIS & E-Commerce and Operating Systems.

DISSERTATION DETAILS:

Area of Research : Image Processing

Ph.D. Title of Thesis : “ Design of Innovative methods of Segmentation and Analysis of Multiresolution Medical Images”

University : Department of Computer Science,
Kuvempu University. Shankaraghatta, Shivamogga.

CONFERENCES/SEMINAR/WORKSHOP ATTENDED:

- Attended the three day workshop on “**Web Programming**” from 25th to 27th June, 2009, organized by Department of Computer Science and Engineering, BIET, Davangere.
- Participated in two day National Workshop on “**Soft Computing**”, organized by Sri Bhagawan Mahaveer Jain College of Engineering, Bangalore on 28th and 29th January 2010.
- Attended workshop on “**Mathematics & Its Applications In Engineering**” organized by Prod-Mech Forum and Mathematics Department, held on 18th February 2010 at at Bapuji Institute of Engineering & Technology, Davangere - 577 004.
- Participated in “**Train the Trainer program**” on Soft Skills from 14th to 17th Feb. 2012 conducted by Infosys Limited, Bangalore.
- Participated on “**FEEL Teacher**” Learning and development Intervention conducted from 19 through 21 April 2013, at Bapuji Institute of Engineering and Technology, Davangere.
- Attended one day workshop on “**Research Add-ons**” on 19th March, 2014 organized at Department of Computer Science and Engineering, BIET, Davangere in association with ISTE students’ chapter, BIET, Davangere.
- Attended one day workshop on “**Android Application Development**” on 26th March 2014 organized by Department of Master of Computer Applications, MCA Forum, and in association with ISTE Student Chapters’, BIET, Davangere at Bapuji Institute of Engineering and Technology, Davangere-4.
- Attended Two days workshop on “**Insight on advanced Java with exposure to Selenium & eCommerce**” on 22nd and 23rd August 2014 organized at Department of Master of Computer Applications, MCA Forum, Bapuji Institute of Engineering and Technology, Davangere-577 004 in collaboration with Mahat Consulting, Bangalore.
- Participated in the Three days National Level workshop on “**Pattern Classifiers**” on 26th to 28th March 2015 organized by Department of P.G.Studies and Research in Computer Science, Kuvempu University, Shivammoga, Karnataka.
- Participated in the one day workshop on “**Professional application development using .NET**” on 21 August 2015 organized at Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere-577 004 in association with Bhoomi Softwares, Davangere.
- Participated in the one day workshop on “**Research Methodology**” on 28th October 2015 organized by Research & Development cell of Bapuji Institute of Engineering and Technology, Davangere-577 004.
- Participated in the one day seminar on “**Java Crystals**” on 6th April 2016 organized by MCA forum, Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere-577 004.
- Participated in the one day seminar on “**Markov Chains and its Applications**” on 22nd April 2016 organized by MCA forum and Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere-577 004.
- Participated in the one day Seminar on “**Open Source Intelligence – Network, Application & Security**” on 31st August 2016, Organized by MCA forum and Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere-577 004.

- Participated in the one day Seminar on “**Introduction to AngularJS**” on 27th February 2017, Organized by MCA forum and Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere-577004.
- Participated in the one day Workshop on “**Intellectual Property Rights**” on 6th April 2017, Organized by Research & Development Cell and Bapuji Institute of Engineering and Technology, Davangere.
- Participated in the one day Orientation Programme on “**Preparation for UGC-NET and SLET examination**” organized by MCA forum and in association with National Service Scheme(NSS), Bapuji Institute of Engineering and Technology, Davangere held on 19th April 2017.
- Participated in the two days Workshop on “ **Data Analytics using R-Tool**” on 30th and 31st August 2017, Organized by MCA Forum, Dept. of MCA and in association with ISTE Students Chapters’, BIET, Davangere at Bapuji Institute of Engineering and Technology, Davangere.
- Participated in the one day Seminar on “**Comparing & Contrasting OOP with POP**” on 9/5/2018, Organized by MCA Forum, Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere.
- Participated in the one day Seminar on “**Role of IoT in Smart Cities**” on 12th March 2019, Organized by MCA Forum, Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere.
- Participated in the five days Workshop on “Effective Teaching” from 15-07-2019 to 19-07-2019, Organized by IS&E Department, BIET, Davangere in association with National Institute of Technical Teacher’s Training & Research(NTTTR), Kolkota.
- Participated in the three days’ Workshop on “Introduction to IoT and its Prototypes” on 25th, 26th and 27th September 2019 organized by MCA forum, Department of Master of Computer Applications(MCA), Bapuji Institute of Engineering and Technology, Davangere.
- Participated in the two days online workshop on Faculty Development Program on “Recent Trends in Information Science and Technology” on 15th and 16th May 2020 through Cisco Webex Meet organized by IS&E department , BIET, Davangere in association with TCS Bangalore.
- Participated in the one day webinar on “Post COVID-19:Science & Technology” on 29th May 2020 organized by SRM University, Andhra Pradesh.

WORKSHOPS ORGANIZED:

1. One day workshop on “**Android Application Development**” on 26th March 2014 organized at Department of Master of Computer Application, MCA Forum, Bapuji Institute of Engineering and Technology, Davngere-577 004 in association with ISTE Students’ Chapter, BIET, Davangere.
2. Two days workshop on “**Insight on advanced Java with exposure to Selenium & eCommerce**” on 22nd & 23rd August 2014 organized at Department of Master of Computer Application, MCA Forum, Bapuji Institute of Engineering and Technology, Davngere-577 004 in collaboration with Mahat Consulting, Bangalore.

3. One day workshop on “**Professional application development using .NET**” on 21 August 2015 organized at Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere-577 004 in association with Bhoomi Softwares, Davangere.
4. Two days Workshop on “**Data Analytics using R-Tool**” on 30th and 31st August 2017, Organized by MCA Forum, Dept. of MCA and in association with ISTE Students Chapters’, BIET, Davangere at Bapuji Institute of Engineering and Technology, Davangere.
5. Three days’ Workshop on “Introduction to IoT and its Prototypes” on 25th, 26th and 27th September 2019 organized by MCA forum, Department of Master of Computer Applications(MCA), Bapuji Institute of Engineering and Technology, Davangere

SEMINAR ORGANIZED:

1. One day Seminar on “**Cloud Computing and ERP**” on 17th September 2014, Resource Person Rajeev Raghunath, Founder and CEO, Kramah Software India Pvt Ltd., Bangalore, organized at Department of Master of Computer Applications, MCA Forum, Bapuji Institute of Engineering and Technology, Davngere-577 004.
2. One day Seminar on “**Energy and Thermal Management in Computing devices**” on 7th March 2015, Resource Person Praveen B.P., Principal Engineer, Samsung R&D Institute India, Bangalore. Organized at Department of Master of Computer Applications, MCA Forum, Bapuji Institute of Engineering and Technology, Davngere-577 004.
3. Aptitude and Programming Test conducted on 19/08/2015 organized by MCA Forum, MCA department of Master of Computer Applications, BIET, Davangere.
4. One day seminar on “**Current trends in Computer Science and Applications**” for II and IV semester MCA students organized by MCA forum, Dept. of MCA on 24/2/2016.
5. MCA Forum organized by Group Discussion(GD) on “**Effect of Mobile and its Applications on Society**” and “**Impact of Western culture on India**” for II and IV semester Students on 2/3/2016.
6. One day seminar on “**Java Crystals**” on 6th April 2016 organized by MCA forum, Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere-577 004.
7. One day seminar on “**Markov Chains and its Applications**” on 22nd April 2016 organized by MCA forum and Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere-577 004.
8. One day Seminar on “**Open Source Intelligence – Network, Application & Security**” on 31st August 2016, Organized by MCA forum and Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere-577 004.
9. One day Seminar on “**Introduction to AngularJS**” on 27th February 2017, Organized by MCA forum and Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere-577004.
10. One day Seminar on “**Comparing & Contrasting OOP with POP**” on 9th May 2018, Organized by MCA Forum, Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere.
11. One day Seminar on “**Role of IoT in Smart Cities**” on 12th March 2019, Organized by MCA Forum, Dept. of MCA, Bapuji Institute of Engineering and Technology, Davangere.

Orientation Programme organized:

- One day Orientation Programme on “**Preparation for UGC-NET and SLET examination**” Organized by MCA forum and in association with National Service Scheme(NSS), Bapuji Institute of Engineering and Technology, Davangere held on 19th April 2017.

EXPERT LECTURE DELIVERED :

- Delivered a Seminar on “**Soft Computing and its Applications**” at Department of MCA of Bapuji Institute of Engineering and Technology, Davangere -577 004 on 17th February 2010.
- Delivered a Lecture on “**Database Management System and its Applications**” for BCA students on 28th April 2016, Thursday at Davan Institute of Advanced management studies, Davangere.
- Delivered a Lecture on “**Introduction to Internet**” for Rural Government High School Students on 27th April 2017, Thursday at Department of MCA, Bapuji Institute of Engineering and Technology, Davangere.

LABORATORY MANUALS:

- Object Oriented Programming with C++[10MCA22]
- Unix Programming [13MCA17]
- Database Laboratory[13MCA27]
- Unix Programming [16MCA28]
- Database Management Systems Laboratory [16MCA28]
- Database Management Systems Laboratory[18MCA36]
- Java Programming laboratory[18MCA26]

RESPONSIBILITIES:

- Working as MCA Forum Coordinator.
- Working as departmental BIETECH VOICE Coordinator.
- Working as Member Secretary of BIET Co-Operative Society, BIET, Davangere.
- Working as Member of Skill development Cell, BIET, Davangere.

EXTRACURRICULAR ACTIVITIES:

- Worked as an editorial member of Institute Magazine **Technowave-27 and 28** during the year 2008-09 and 2009-10.
- Involved in the preparation of report for the visit of LIC committee of Visvesvaraya Technological University for the year 2009-10.
- Handled classes for Infosys campus connect foundation program during the year 2008-09 and 2009-10.
- Worked as Internal Deputy Chief Superintendent at BIET, Davangere for conducting the VTU examinations during the year 2013-14.
- Worked as Internal Deputy Chief Superintendent at BIET, Davangere for conducting the VTU examinations during the year 2015-16.
- **Worked as International Conference Papers Reviewer:**
Three days International Conference on **“Applied and Theoretical Computing and Communication Technology on 29th to 31st October 2015** organized at Computer Science and Engineering and Information Science and Engineering and Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere-577 004 in association with IEEE section Bangaluru.
- Involved in the preparation of report for the visit of LIC committee of Visvesvaraya Technological University for the year 2016-17.
- **Worked as International Conference Technical committee member:**
2nd International Conference on **“Applied and Theoretical Computing and Communication Technology on 21st to 23rd July 2016** organized at SJB Institute of Technology, Bengaluru in association with IEEE section Bangaluru.
- **Worked as International Conference Local Organizing committee member:**
International Conference on **“Recent Innovative Trends in Computer Science and Applications on 21st to 22nd July 2016** organized at M S Ramaiah Institute of Technology, Bengaluru
- Worked as External Deputy Chief Superintendent at GMIT, Davangere for conducting the VTU examinations of June 2019 attended the duty from 10-06-2019 to 21-06-2019.
