Curriculum Vitae of Dr. Shankaragowda B.B.

Dr. Shankaragowda B.B.
Associate Professor &
Head of the Department (HOD),
Department of MCA,
BIET, Davangere-577004

Name	:	Dr. Shankaragowda B.B.
Designation	:	Associate Professor & Head of the Department(HOD)
Official Address	:	Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere-577 004, Karnataka, India.
Permanent Address	:	#1890/12, "Dhatri", LIC Colony, 4th Main, Near Nutana College. Davangere-577 004.
Date of Birth	:	20-07-1972
Mobile No.	:	6360846860
E-Mail ID	:	bsgowda2007@gmail.com bs_gowda@yahoo.com
Google Scholar ID	:	https://scholar.google.co.in/citations?user=NtQODNYAAAAJ&hl=en
Research ID	:	AAK-2704-2021
Scopus ID	:	57202986520
ORCID ID	:	0000-0002-7848-2180
VIDWAN- ID	:	https://bietdvg.irins.org/profile/207844
Membership	:	MISTE Number: LM 53824
Aadhaar No.	:	4651 8712 1072
PAN No.	:	ANDPB5545M

OBJECTIVE:

To impart excellence in education, to motivate and inspire the student fraternity to face the challenges for their growth. To develop the goal-oriented career in my specialized areas using the skills acquired for the development of the department, Institute and Society.

RESEARCH INTEREST:

Digital Image Processing, Artificial Intelligence, Pattern Recognition, Data Mining, Deep Learning.

ACADEMIC QUALIFICATIONS:

Ph.D. in Computer Science:		
Year of Award	:	2019
Specialization	:	Image Processing
Title of the Thesis	:	" Design of Innovative methods of Segmentation and Analysis of Multiresolution Medical Images"
University	:	Kuvempu University. Shankaraghatta, Shivamogga.
M.Phil. in Computer Science:		
Year of Award	:	2009
Specialization	:	Computer Science
Title of the Thesis	:	A Novel Way of Data Migration
University	:	Vinayaka Missions University(VMU),Salem
Master of Computer Applications (MCA):		
Year of Award	:	2003
Title of the Project Work	:	Distributed Computing System for Graphical Applications.
University	:	Indira Gandhi National Open University (IGNOU), New Delhi.
Post Graduate Diploma in Computer Applications (PGDCA):		
Year of Award	:	1996
Title of the Project Work	:	Appearing list of B.E. students.
University	:	Kuvempu University, Shankaraghatta ,Shivamogga.
Bachelor of Science (B.Sc.):		
Year of Award	:	1993
Discipline	:	Bachelor of Science (B.Sc.)
Specialization	:	PCM
University	:	Kuvempu University, Shankaraghatta, Shivamogga

TEACHING EXPERIENCE: 17 YEARS 6 MONTHS

Sl. No.	Designation	From	To	Total		Institute
				Years	Moths	
1	Lecturer	24-07-2007	31-8-2012	5	1	Department of MCA, BIET, Davangere
2	Assistant Professor	01-09-2012	10-02-2022	9	5	Department of MCA, BIET, Davangere
3	Associate Professor	11-02-2022	Till Date	3	0	Department of MCA, BIET, Davangere
Total experience		24-07-2007	12-07-2024	17	6	

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 , Operating Systems, Internet of Things (IoT), Data warehouse and Data mining.

PG PROJECT GUIDED:

PG Course	Number of Students
Master of Computer Applications (MCA)	90

Ph.D. STUDENTS GUIDING:

Sl. No.	Name of Research Student	Title of thesis	Registration Year
1	Yashodha Puttappa Ganji	Scalable and adaptive Multi Label Classification for medical data Using Enhanced and Non-iterative and Deep Learning Techniques	2024
2	Shruthi M T	Leveraging Transfer Learning for Enhanced Breast Cancer Detection with Vision Transformers	2024

VISITING FACULTY:

I worked as visiting faculty for the department of Bachelor of Computer Application (BCA) in the Smt. Parvathamma Shamanur Shivashankarappa School of High Tech Education (PSSSHE), Davangere-577 004.

PUBLICATIONS:

RESEARCH PAPERS PUBLISHED:

Conferences/Journals	Numbers
National Conference	05
International Conference	05
International Journals	47

NATIONAL CONFERENCE:

1. 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

2. 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.

3. 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.

4. 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 Feburary 2016 organized by the Dept. of CS&E and IS&E, Sri Siddhartha Institute of Technology, Tumkur.

5. 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:

1. 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.

2. 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.

3. 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.

4. Presented a paper titled *"RFID Based Contactless Attendance Monitoring System"* in the 2nd International Conference on Emerging Trends in Science, Engineering and Management (ICETSEM-2021) organized by department of Electronics and

Communication Engineering, GM Institute of Technology, Davangere, Karnataka, India held on 15th and 16th July 2021.

5. Presented a paper titled *"Face recognition-Based car ignition system"* in the 2nd International Conference on Emerging Trends in Science, Engineering and Management (ICETSEM-2021) organized by department of Electronics and Communication Engineering, GM Institute of Technology, Davangere, Karnataka, India held on 15th and 16th July 2021.

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(IJARCCE)*, 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, June 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, pp.90-93,Conference 2017, EEE Xplore: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(IJFRCSCE), Vol. 4, Issue 6, ISSN:2454-4248, pp. 98-100, June 2018.

[6] **Dr.Shankaragowda B.B.,** "Brain Tumor Detection, Feature Extraction and Classification from Magnetic Resonance Image (MRI) using Ensemble Classifier," International Journal of Innovative Science and Research Technology, Vol. 6, Issue 2,pp.294-300 February 2021.

[7] **Dr.Shankaragowda B.B.** and Karibasavaraj J.," Location Based Crop Recommendation System using Machine Learning Model ," International Journal of Scientific Research Engineering and Management(IJSREM), Vol. 6, Issue 4,pp.1-5, DOI:10.55041/IJSREM12299, April 2022.

[8] **Dr.Shankaragowda B.B. and** Karibasavaraj J**.,** "Real Time Visual Monitoring System for Driver Drowsiness Detection", International Journal of Creative Research Thoughts", Vol. 10, Issue 4,pp.b659-b666 April 2022.

[9] Ashwini M N **and Dr. Shankaragowda B B**, **"Recommendation of Crops Based on season and Productivity Using Decision Tree",** International Journal for Research in Applied Science and Engineering Technology(IJRASET),Volume 10,Issue VII , July 2022.

[10] Chandana K and Dr. Shankaragowda B.B, "IoT Based Automated Medical Rack System", International Journal of Scientific Research in Engineering and Management(IJSREM),Volume 06 ISSN NO: 2582-3930, July 2022.

[11] Lavanya P.R. and Dr. Shankaragowda B.B. "The Text Mining System for Formless Data to Structured Table Data", International Journal of Scientific Research in Engineering and Management (IJSREM),Volume 6, ISSN no: 2582-3930,July 2022.

[12] Likith C Lakkol and Dr. Shankaragowda B B "Face Recognition based body Temperature Logging Robot for Isolation wards" International Research Journal of Modernization in Engineering Technology and science (IRJMETS),Volume 4, 1SSN NO: 2582-5208, July 2022.

[13]Ramya P.V. and Dr. Shankaragowda B.B., "Group Photo based attendance tracking System", International Journal of Scientific Research in Engineering and Management(IJSREM),Volume 6, ISSN NO: 2582-3930, June 2022.

[14] Renuka B N. and Dr. Shankaragowda B.B., "Plant Recognition for drug Industry", International Journal of Scientific Research in Engineering and Management(IJSREM),Volume 6, ISSN NO:2582-3930, June 2022.

[15] Sahana M K and Dr.Shankaragowda B B, "AI Enabled Drowsiness Detection and Accident Avoidance System, International Journal of Scientific Research Engineering and Management(IJSREM),Volume:06 Issue:06|June 2022

[16] Shaik Abrar Ahamed and Dr. Shankaragowda B.B., "Leaf Disease Detection and Spray Pesticide Robot using Image Processing". International Journal for research in applied science and engineering technology(IJRASET). Volume 10, Issue VII, July 2022

[17] Tousif Ulla Sharif and Dr. Shankaragowda B B, "Brain Tumor Classification System Using Data Analysis". International Research Journal of Modernization in Engineering Technology and Science (IRJMETS). Volume 04,Issue 07, July 2022.

[18] Dr.Shankaragowda B B and Hardik B., "Silkworm Pupa gender classification using Transfer learning Approaches", GIS Science Journal Volume 10, issue 7 July 2023.[18]

[19] Dr. Shankaragowda B B and Jeerla Basavaraj Nanditha.,"Student Academic Performance Analysis using Machine Learning", International Journal of Scientific Research in Engineering & Management, Volume 7 Issue 7, July 2023.

[20] Dr.Shankaragowda B B and Kalpana M.,"Prediction of Kidney Stones Using Machine Learning", International Journal of Scientific Research in Engineering & Management, Volume 7 Issue 7, July 2023.

[21] Dr.Shankaragowda B B and Karthik V Karanam.,"A Survey paper on Plant disease identification using Machine Learning", International Journal of Scientific Research in Engineering & Management, Volume 7 Issue 7, July 2023.

[22] Dr.Shankaragowda B B and Kavyashree M.,"Analysis of Stock market data analysis for guidance to investors", International Journal of Scientific Research in Engineering & Management, Volume 7 Issue 7, July 2023.

[23] Dr. Shankaragowda B B and Keerthi B.S.,"House price prediction using Machine Learning", International Journal of Scientific Research in Engineering & Management, Volume 7 Issue 7, July 2023.

[24] Dr.Shankaragowda B B and Kotru Swamy S.M.,"Wild Plant produce Ediblity prediction", International Journal of Scientific Research in Engineering & Management, Volume 7 Issue 7, July 2023.

[25] Dr.Shankaragowda B B and Kruthika R.B.," A study on machine learning model for hospital

review using sentimental analysis", International Journal of Scientific Research in Engineering & Management, Volume 7 Issue 7, July 2023.

[26] Dr.Shankaragowda B B and Latha K.B., "Computer Vision based Food Recognition with Nutrition Analysis", International Journal of Scientific Research in Engineering & Management, Volume 7 Issue 7, July 2023.

[27] Dr. Shankaragowda B B and Mahesh B.P., "Forecasting Natural gas price using Machine Learning", GIS Science Journal, Volume 10 Issue 7, July 2023.

[28] Dr.Shankaragowda B B and Mamatha N.V., "Rice grain Classification using AI", GIS Science Journal Volume 10, Issue 7, July 2023.

[29] Dr.Shankaragowda B B and Maruthi B.M., "Cows Lumpy virus detection using Deep Learning", International Journal of Scientific Research in Engineering & Management, Volume 7 Issue 7, July 2023.

[30] Dr. Shankaragowda B B and Megha S Holur.,"Forecast Plant development and yield", International Journal of Scientific Research in Engineering & Management, Volume 7 Issue 7, July 2023.

[31] Dr. Shankaragowda B B and Mohammed Tahir B., "Electricity theft detection using Machine Learning", International Journal of Scientific Research in Engineering & Management, Volume 7 Issue 7, July 2023.

[32] Dr. Shankaragowda B B and Nagasjree H.G.,"Loan Default Prediction using Machine Learning Techniques", International Journal of Scientific Research in Engineering & Management, Volume 7 Issue 7, July 2023.

[33] Afthab Mahaboba and Dr. Shankaragowda B B, "Intelligent Sales Prediction" International Journal of Scientific Research in Engineering and Management(IJSREM), Volume 8, Issue: 07, ISSN:2585-3930, July – 2024.

[34] Ajay H K and Dr.Shankaragowda B B, "Air Quality Prediction and Monitoring using Machine Learning Algorithm and Sensors", International Journal of Scientific Research in Engineering and Management((IJSREM), Volume 8, Issue: 07, ISSN:2585-3930, July – 2024.

[35] Ajay S and Dr. Shankaragowda B B, "Prediction of Used Car Prices using Machine Learning Techniques", International Journal of Scientific Research in Engineering and Management((IJSREM), Volume 8, Issue: 07, ISSN:2585-3930, July – 2024.

[36] Akash E and Dr. Shankaragowda B B, "AI Based student learning system", International Journal of Scientific Research in Engineering and Management((IJSREM), Volume 8, Issue: 07, ISSN:2585-3930, July – 2024.

[37] Akshatha and Dr. Shankaragowda B B, "Data Duplication using file checksum" International Journal of Scientific Research in Engineering and Management((IJSREM), Volume 8, Issue: 07, ISSN:2585-3930, July – 2024.

[38] Akashtha D N and Dr. Shankaragowda B B, "Edge AI Based forest fire detection system", International Journal of Scientific Research in Engineering and Management((IJSREM), Volume 8, Issue: 07, ISSN:2585-3930, July – 2024.

[39] Amogh a Joshi and Dr. Shankaragowda B B, "Criminal fact detection", International Journal of Scientific Research in Engineering and Management((IJSREM), Volume 8, Issue: 07, ISSN:2585-3930, July – 2024.

[40] Akitha K M and Dr. Shankaragowda B B, "NLP Based news Analysis System", International Journal of Scientific Research in Engineering and Management((IJSREM), Volume 8, Issue: 07, ISSN:2585-3930, July – 2024.

[41] Arpitha K V and Dr. Shankaragowda B B, "Deep Learning Based Autism Disease Detection", International Journal of Scientific Research in Engineering and Management((IJSREM), Volume 8, Issue: 07, ISSN:2585-3930,July – 2024.

[42] Dr. Shankaragowda B.B., "Future Scholar Prediction", International Journal of Scientific Research in Engineering and anagement((IJSREM), Volume 8, Issue: 07, ISSN:2585-3930, July – 2024.

[43] Dr.Shankaragowda B B, "AI Based Arecanut Classification system",International Journal of Scientific Research in Engineering and Management((IJSREM), Volume 8, Issue: 07, ISSN:2585-3930, July – 2024.

[44] Bharath Patil and Dr.Shankaragowda B B, "Emotion Recognition by Textural Tweets Classification Using Voting Classifier LR-SGD", International Journal of Scientific Research in Engineering and Management((IJSREM), Volume 8, Issue: 07, ISSN:2585-3930, July – 2024.

[45] Dr.Shankaragowda B B, and Bhavana G R "Detection of Parking Disease Through Machine Learning", International Journal of Scientific Research in Engineering and Management((IJSREM), Volume 8, Issue: 07, ISSN:2585-3930, July – 2024.

[46] Bhavani C N and Dr.Shankaragowda B B, "Melanoma Detection and Classification using Deep Learning", International Journal of Scientific Research in Engineering and Management((IJSREM), Volume 8, Issue: 07, ISSN:2585-3930, July – 2024.

[47] Dr.Shankaragowda B B. and Bindhu M C "Deep Learning Based skin cancer classification system",International Journal of create research thoughts (IJCRT), July – 2024.

GRANTS:

Sl. No.	Title of the project	Funding agency	Duration	Amount sanctioned	Status
1	Deep learning based face skin cancer classification system	KSCST	2022	5000	Completed

AWARDS:

- 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.

- Presented a paper on the Topic Titled **" Deep learning based face skin cancer classification system"** and the Paper was selected as the **Best Paper** in the National Conference on Emerging Trends in Technology and Computer Applications (NCTTCA-24) held on 3rd July 2024, organized by Department of MCA, Bapuji Institute of Engineering and Technology, Davanagere.

International Conference:

Worked as reviewer of 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.

National Conference:

Worked as reviewer of National Conference manuscripts ESAMI-2024 organized by Dept. of MCA, JNNCE on 6th July 2024.

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.

PROFESSIONAL AFFILIATION:

BoE Member/Chairman: MCA (Composite) Board

MCA(Board)/University	Position	Period
Board of Examiners(BoE) in MCA(Composite) Board under Visvesvaraya Technological University, Belagavi.	Member	2021-22
Master of Computer Applications (MCA) of Bapuji Institute of Engineering and Technology (Autonomous)	Chairman	2024-25 and 2026-27

BoS Chairman: MCA Board

MCA(Board)/University	Position	Period
Master of Computer Applications (MCA) of Bapuji Institute of Engineering and Technology (Autonomous)	Chairman	2024-25 and 2026-27

SEMINAR/WORKSHOP/WEBINAR ORGANIZED:

Seminar/Workshop/ Webinar etc organized	Total Numbers
National Conference	01
Seminar	14
Workshop	06
Webinar	01
Orientation Programme	01

National Conference: Worked as organizing chairman.

Dr. Shankaragowda B B., worked as organizing chairman of the national conference on Emerging Trends in Technology and Computer Applications, NCETTCA-24, at the Department of MCA, BIET, Davanagere-577004.

Seminar organized: Worked as Co-ordinator

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., Banglaore, 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.
12. One day Seminar on **"Artificial Intelligence in Robotics & Home Appliances"** , organized by MCA Forum, Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere held on 18th March 2021.
13. One day seminar on **"Cyber Security"** on 13th November 2021 organized by MCA forum, Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere.
14. One day seminar on **"Soft Computing"** on 17th August 2022 organized by MCA forum, Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere.
15. One day seminar on "Best Practices for New Education Policy (NEP) -2020 in Higher Education Institutions by NAAC" on 21st February-2023.

Workshop organized: Worked as Co-ordinator

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, Davagnere.
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-577 004.
6. One day workshop on "Hands on Artificial Intelligence for IoT" on 16th December 2021 organized by MCA forum, Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere.
7. One day Workshop on "Android Applications" on 22nd December 2022 organized by MCA forum, Department of MCA, Bapuji Institute of Engineering and Technology, Davangere.

Faculty Development Program: Worked as convener

1. Three days Faculty Development Program on "Python and its Applications" from 12-06-2023 to 14-06-2023 organized by MCA forum, Department of MCA, Bapuji Institute of Engineering and Technology, Davangere.
2. Three days Faculty Development Program on "Exploring OpenCV using Python" from 2nd to 4th December 2024 organized by MCA forum, Department of Master of Computer Applications(MCA), BIET, Davanagere.

Webinar organized: Worked as Co-ordinator

- Webinar on "IoT made easy" organized by MCA Forum, Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere conducted on 28th June 2021.

Orientation Programme organized: Worked as Co-ordinator

- 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.

SEMINAR/WORKSHOP ATTENDED:

1. Attended the three day workshop on **"Web Programming"** from 25th to 27th June, 2009, organized by Department of Computer Science and Engineering, BIET, Davangere.
2. 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.
3. 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.
4. Participated in **"Train the Trainer program"** on Soft Skills from 14th to 17th Feb. 2012 conducted by Infosys Limited, Bangalore.
5. Participated on **"FEEL Teacher"** Learning and development Intervention conducted from 19 through 21 April 2013, at Bapuji Institute of Engineering and Technology, Davangere.
6. 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 studetns' chapter, BIET, Davangere.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.

15. 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.
16. 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, Davagnere.
17. 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.
18. 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, Davagnere.
19. 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.
20. 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.
21. Participated in the five days Workshop on "Effective Teaching" from 15-07-2019 to 19-07-2017, Organized by IS&E Department,BIET, Davangere in association with National Institute of Technical Teacher's Training & Research(NTTTR), Kolkota.
22. 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.
23. 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.
24. Participated in the one day webinar on "Post COVID-19:Science & Technology" on 29th May 2020 organized by SRM University, Andhra Pradesh.
25. Participated in Knimbus Webinar on "Effective Utilization of Research Publication through knimbus Digital Library held on 25th June 2020. Organized by JIT Davangere.
26. Participated in the Wbinar on "DevOps" organized by Department of Master of Computer Applications, PESCE, Mondya on 18th July 2020.
27. Participated online Webinar on "The Power of You" on 21st July 2020 organized by Department of Computer Science and Engineering, AMC Engineering College, Bengaluru.
28. Participated in Online Faculty Development Program on Online Teaching and Learning Tools from 22nd – 24th July 2020 organized by the Department of Master of Computer Applications, Dr. Ambedkar Institute of Technology, Bengaluru.
29. Participated in the Webinar "Effective ways of writing research article" delivered by Prof. Shobhana Narasimhan JNCASR, Bengaluru and organized by SRM University –AP held on 25th July 2020.

30. Paticipated One Week Online Faculty Development Programme on "Trends in Data Science", Organized by Department of Master of Computer Applications, JNN College of Engineering, Shivamogga, Karnataka, in association with The Institution of Electronics and Telecommunication Engineers(IETE) conducted form 10-08-2020 to 14-08-2020.

31. Participated in the Webinar on "Awareness on Cyber Crime: Prevention and Detection" on 15th December, 2020 organized by Visvesvaraya Technological University, "Jnana Sangama", Belagavi.

32. Participated in the Webinar on "Awareness Webinar on outcome Based Education & Accreditation for Engineering Colleges & Deemed to be Universities in Karnataka" on 16th February 2021 organized by Visvesvaraya Technological Univeristy, e-Learning Center,Mysuru, Belagavi.

33. Participated in the Seminar on "Artificial Intelligence in Robotics & Home Appliances" , organized by MCA Forum, Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere held on 18th March 2021.

34. Participated in the Webinar on "Computer Ethics & Human Values" organized by Department of Master of Computer Applications(MCA), JNN College of Engineering, Shivamogga, Karnataka, conducted on 29th May 2021.

35. Participated in the Webinar on "IoT made easy" organized by MCA Forum, Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere conducted on 28th June 2021.

36. Participated in Three-Day Faculty Development Program on "IoT Applications using Phython" jointly organized by Department of MCA, CSE, ISE and AI & ML, RNS Institute of Technology, during 22nd – 24th September 2021.

37. Participated in talk on " How to Select Relevant Journal To Publish in & Science Direct Platform Demo organized by Manipal University on Wednesday 27th October, 2021.

38. Participated in Workshop on "Assessment Reforms and Practices under NEP-2020" organized by Visvesvaraya Technological University, "Jnana Sangama", Belagavi on 29th October 2021.

39. Participated in one day seminar on "Cyber Security" on 13th November 2021 organized by MCA forum, Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere.

40. Participated in the online user awareness program on Springer Nature e-resources organzed by VTU consortium and Springer Nature on 25th November, 2021.

41. Participated in one day workshop on "Hands on Artificial Intelligence for IoT" on 16th December 2021 organized by MCA forum, Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere.

42. Participated in one day seminar on "Soft Computing" on 17th August 2022 organized by MCA forum, Department of Master of Computer Applications, Bapuji Institute of Engineering and Technology, Davangere.

43. Participated in one day Workshop on "Android Applications" on 22nd December 2022 organized by MCA forum, Department of MCA, Bapuji Institute of Engineering and Technology, Davangere.

44. Participated in Faculty Development Programme on Research Avenues in DS and ML the from 2nd to 6th January, 2023, organized by Department of Master of Computer Application, National Institute of Engineering, Mysuru.

45. Participated in Two days workshop on "Skill for quality research and publicatins" on 8th and 9th September 2023, organized by in association for the Advancement of Science(KAAS) & IQAC – BIET, Bapuji Institute of Engineering and Technology, Davanagere.
46. Participated in National Conference on "Emerging Trends in Technology and Computer Applications" on 3rd July 2024, organized by Department of Master of Computer Application, Bapuji Institute of Engineering and Technology, Davanagere.
47. Participate in three days workshop on 3D Animation and VFX using Autodesk Maya and Adobe Photoshop on the 13th,14th and 16th of December 2024, organized by Department of Master of Computer Application, Bapuji Institute of Engineering and Technology, Davanagere.

EXPERT LECTURE DELIVERED:

1. 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.
2. 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.
3. Delivered a Lecture on **"Introduction to Internet"** for Rural Government High School Students on 27th April 2017,Thrusday at Department of MCA, Bapuji Institute of Engineering and Technology, Davangere.

RESPONSIBILITIES IN THE INSTITUTE:

1. Working as Secretary of BIET-Co-operative Society.
2. Worked as member of Skill Development cell.
3. Working as Head of the "Community Engagement and Social Responsibility committee".
4. Working as member of Joint Board of Studies(JBoS) of BIET Autonomous, Davanagere.

RESPONSIBILITIES IN THE DEPARTMENT:

1. Worked as departmental BIETECH Voice Co-ordinator.
2. Worked as departmental ISTE Co-ordinator.
3. Worked as departmental Forum Co-ordinator.
4. Worked as departmental Scholarship e-attested officer.
5. Working as departmental National Assessment and Accreditation Council [NAAC] Criteria-3 Co-ordinator .
6. Worked as departmental DQAC Co-ordinator.
7. Worked as Internal Deputy Chief Superintendent at BIET, Davangere for conducting the VTU examinations during the year 2013-14.
8. Worked as Internal Deputy Chief Superintendent at BIET, Davangere for conducting the VTU examinations during the year 2015-16.

9. 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.
10. Working as Director of LIC Colony Hitaraksana Samithi (Regd,), Davangere-577 004.
11. Worked as Internal Deputy Chief Superintendent at BIET, Davangere for conducting the VTU examinations during the year 2013-14.
12. Worked as Internal Deputy Chief Superintendent at BIET, Davangere for conducting the VTU examinations during the year 2015-16.
13. 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.
14. Working as Director of LIC Colony Hitaraksana Samithi (Regd,), Davangere-577 004.

CO-CURRICULAR 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.
- Involved in the preparation of report for the visit of LIC committee of Visvesvaraya Technological University for the year 2016-17.
- Handled classes for Infosys campus connect foundation program during the year 2008-09 and 2009-10.
- Prepared the following 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[20MCA27]

RESEARCH PLAN:

Research plan for next 5 years:
- To work on Image processing, Artificial Intelligence and Deep learning.
- To publish more journal articles in Science Citation Index (SCI) Journals.
- To get research grants form funding agencies like AICTE/DST/VGST and other funding agencies.
- To supervise research students at the university levels.

(Dr. Shankaragowda B.B.)
Date: 25-01-2025   Associate Professor & HOD
Department of MCA

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