

**Veerappa B. Pagi**

Professor and Head,

Department of Computer Science and Engineering,

Basaveshwar Engineering College, Bagalkot

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AICTE Faculty Unique Id: 1-473879511 (AICTE Institute Id: 1-6375432)

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Scopus Id: 3517 7973 900

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ORCID Id: 0000-0001-9555-0707

Web of Science Researcher Id: [AAD-1948-2021](https://publons.com/researcher/AAD-1948-2021/)

VTU Faculty Id: 2XASPZ0009854

VTU Jnanashodha Portal Research Supervisor Registration Id: 7729

VTU Research Supervisor Id: VTU0917851

Father's Name: Basalingappa V. Pagi

Date of Birth: 10-11-1971

PAN No. : AHVPP5268R

Aadhar No. : 8617 6443 2920

Permanent Address: Plot No. S-114, Sector No. 63, Navanagar,

Bagalkot – 587 103

**Areas of Interest:** Pattern Recognition, Sound Signal Processing, Formal languages

Academic Experience: 20Years of Teaching Experience as a Lecturer at Engineering

College Level

6 Months as a Lecturer at Polytechnic Level.

**Details of Academic Experience:**

1. Presently working as Professor and Head in the Department of Computer Science and Engineering (CSE) at Basaveshwar Engineering College, Bagalkot, since 18th December 2020
2. Worked as Professor in the Department of Computer Science and Engineering (CSE) at Basaveshwar Engineering College, Bagalkot, from 12th December 2018 to 17th December 2020
3. Worked as Professor and Head, in the Department of Computer Science and Engineering (CSE) at Basaveshwar Engineering College, Bagalkot, from 2nd September 2014 to 11th December 2018
4. Worked as Professor in the Department of Computer Applications (MCA) from 20-03-2014 to 01-09-2014
5. Worked as Associate Professor in the Department of Computer Applications (MCA) at Basaveshwar Engineering College, Bagalkot from 01-04-2012 to 01-09-2014
6. Worked as Assistant Professor in the Department of Computer Applications (MCA) at Basaveshwar Engineering College, Bagalkot, from 01-10-2005 to 31-03-2012.
7. Worked as Lecturer in the department of Computer Applications (MCA) at Basaveshwar Engineering College, Bagalkot, from 06-03-1999 to 30-09-2005
8. Worked as Lecturer in the Department of Computer Sc. &Engg. at Sir. M. Visvesvaraya Institute of Technology, Bangalore, from 17-05-1995 to 26-02-1999
9. Worked as Lecturer in the department of Computer Applications (MCA), at The Oxford Polytechnic, Bangalore, from 18-11-1994 to 16-05-1995

**Academic Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Degree | **Institute/Board/University** | **Year of**  **Passing** | **Percentage**  **of Marks** | **Class**  **Obtained** |
| Ph. D. | Visvesvaraya Technological University, Belgaum, Topic: Recognition and Classification of Sound Patterns Produced by Two-Wheelers for Automated Diagnosis,  Guide: Dr. B. S. Anami | April 2014 | **--** | **--** |
| M.E.  (CSE) | B.M.S. College of Engineering., Bangalore  (Bangalore University Bangalore) | July 1997 | 74.86  (Aggregate) | First Class |
| RE.  (CSE) | Basaveshwar Engineering College, Bagalkot  (Karnataka University Dharawad) | July 1994 | 70.00  (Aggregate  65.5) | First Class  with  Distinction |
| P.U.C. | Basaveshwar Science College, Bagalkot  (P.U. Board, Bangalore) | March 1990 | 71.66 | First Class |
| S.S.L.C | Junior Technical School, Bagalkot  (KSEE Board Bangalore) | March 1988 | 74.38 | First Class |

**Projects Carried Out:**

* Image Processing for Aerial Object Acquisition, Carried out at M.E.
* Simulation of Optical Computing Algorithms, A mini-project carried out at M.E.
* Automatic Question Paper Drawer, Carried out at B.E.

**Patents:**

* + - 1. Filed a patent on “Advancements and Challenges in Unconstrained Face Recognition Technology for Biometric Identification, (Application No. 202341054700), on 14th August 2023
      2. Published a patent on “Human Activity Tracker for Low Quality Occluded Environments” (Application No. 202341075890), Filed on 7th November 2023, and Published on 15th December 2023

**Publications**

**Book:**

Krutaka Buddhimatte-An Introduction, Sachin Bhat, Veerappa B. Pagi, Vinuta L. B., Nagaveni S. A., Prasaranga VTU Belagavi, 2021

**Book Chapter**

1. 2021 Wadawadagi, R., Pagi, V. (2021). Fine-Grained Sentiment Rating of Online Reviews with Deep-RNN. In: Chiplunkar, N., Fukao, T. (eds) Advances in Artificial Intelligence and Data Engineering. Advances in Intelligent Systems and Computing, vol 1133. Springer, Singapore. https://doi.org/10.1007/978-981-15-3514-7\_52
2. 2021 Wadawadagi, R., Pagi, V. (2021). Disaster Severity Analysis from Micro-Blog Texts Using Deep-NN. In: Bhateja, V., Peng, SL., Satapathy, S.C., Zhang, YD. (eds) Evolution in Computational Intelligence. Advances in Intelligent Systems and Computing, vol 1176. Springer, Singapore. https://doi.org/10.1007/978-981-15-5788-0\_14
3. 2020 Ramesh S. Wadawadagi and Veerappa B. Pagi, Sentiment Analysis on Social Media: Recent Trends in Machine Learning, (Book Chapter) In: Arun S., Sandeep K. & Anand N. (eds). Chapter 24: Handbook of Research on Emerging Trends and Applications of Machine Learning, IGI Global, January 2020, pp. 508-527, doi: 10.4018/978-1-5225-9643-1

**List of published papers**

**International Journals**

1. 2023 Y. V. K. Durga Bhavani and V. B. Pagi, “Face Recognition System Related Challenges, Algorithms, Technologies, Datasets and Future Directions: A Critical Study”, International Journal for Innovative Engineering and Management Research (IJIEMR), , ISSN: ISSN : 2456-5083, Volume 12, Issue 03, pp. 409-425, May. 2023, DOI: [10.48047/IJIEMR/V12/ISSUE 03/58](https://www.ijiemr.org/public/uploads/paper/371021680139441.pdf). Impact factor: 7.812, Indexed in: ELSEVIER SSRN, IFSIJ, SJIFactor, doi Member of Crossref, Netliti
2. 2023 R. Wadawadagi, S. M. Hatture, V. Pagi, Learning Polarity Embedding Attention for Aspect-based Sentiment Analysis, International Journal on Artificial Intelligence Tools, vol. 32., World Scientific, <https://doi.org/10.1142/S0218213023500549>, May 2023, ISSN: 1793-6349, Impact Factor: 1.1, Indexed in UGC CARE. Scopus. Web of Science (SCIE) Q3
3. 2022 Wadawadagi, R., Pagi, V. Polarity enriched attention network for aspect-based sentiment analysis. International Journal of Information Technology, vol. 14, pp. 2767–2778 (2022). ISSN: 2511:2112 [https://doi.org/10.1007/s41870-022-01089-3 Sept. 2022](https://doi.org/10.1007/s41870-022-01089-3%20Sept.%202022), Impact factor: 3.07 Indexed in (Baidu, CLOCKSS, CNKI, CNPIEC, Dimensions, EBSCO Discovery Service, Google Scholar, INSPEC, Japanese Science and Technology Agency (JST), Naver, Norwegian Register for Scientific Journals and Series, OCLC WorldCat Discovery Service, Portico, ProQuest-ExLibris Summon, SCImago, SCOPUS, TD Net Discovery Service, UGC-CARE List (India), Wanfang) Q2
4. 2022 Bhargav, Veerappa B. Pagi,“Google Vision API for Handwritten Text Digitization System”, TELEMATIQUE, ISSN:1303-5150 ,Vol 20, pp.4766-4778, 2022, Jan 2022 Indexed in ESCI, Web of Science Group, ESCI, DOAJ, EBSCO Host, Index Copernicus, ICI Worlkd of Journals
5. 2021 Bhargav and Veerappa B Pagi, "A comprehensive Review of Kannada Handwritten Document Recognition", International journal of grid and distributed computing (IJGDC), ISSN: 2005-4262, Vol.14, issue 1, pp.461-483, 2021, **Apr 2021**
6. 2020 Wadawadagi R. S. & Pagi V. B, Sentiment analysis with deep neural networks: comparative study and performance assessment, Artificial Intelligence Review (Q1 sciMago), Vol. 53, Issue 8, pp. 6155–6195, 2020 (May 2020) Springer-Nature, Indexed in Scopus, ACM, DBLP, Impact Factor 5.942, doi: https://doi.org/10.1007/s10462-020-09845-2, ISSN: 1563-7462 **Dec 2020**
7. 2019 Wadawadagi R. S. & Pagi V. B., A multi-layer approach to opinion polarity classification using augmented semantic tree kernels, Journal of Experimental & Theoretical Artificial Intelligence (Q3 SciMago), vol. 31, no. 3, 2019, Taylor and Francis, pp. 349-367, Indexed in Scopus, ACM, DBLP, Impact Factor: 2.111 **May 2019**
8. 2019 Wadawadagi R. S. & Pagi V. B, An enterprise perspective of web content analysis research: A strategic road-map, International Journal of Knowledge and Web Intelligence, vol 6, no 2, 2019, Inderscience, pp. 51-88, Indexed in Scopus, ACM,DBLP **Nov 2019**
9. 2019 Veerappa B. Pagi, Bhargav H. K. and Ramesh Wadawadagi, "Paragraph Segmentation of Handwritten Document with Skewed Content", International Journal of Emerging Technologies and Innovative Research ([www.jetir.org](http://www.jetir.org/)), ISSN:2349-5162, Vol.6, Issue 2, page no.1104-1108, **Feb 2019**
10. 2017 V. B. Pagi, Shrutidevi Patil and Basavaraj Patil, “Content based Image Retrieval based on Colour, Texture and Shape features”, International Journal of Advanced Research in Engineering, Science and Technology (IJAREST), vol. 04, issue 06, July 2017, pp. 16-23, Impact Factor 5.301
11. 2017 V. B. Pagi and Pooja Desai, “Braille to Speech Conversion using Seam Carving Algorithm”, International Journal of Advance Research in Engineering, Science & Technology (IJAREST), vol. 04, issue 06, July 2017, pp. 10-15, Impact Factor 5.301
12. 2016 V. B. Pagi and Nivedita Baragundi, Gesture to English Letter Conversion for Sign Language, International Journal of Advance Research in Engineering, Science & Technology, e-ISSN: 2393-9877, p-ISSN: 2394-2444 Volume 3, Issue 7, July-2016, pp. 132-145, Impact Factor 5.301
13. 2016 Pavan Chitragar and V. B. Pagi, Lemon Leaf Disease Detection and its Solution, International Journal of Advance Research in Engineering, Science & Technology e-ISSN: 2393-9877, p-ISSN: 2394-2444 Volume 3, Issue 7, July-2016, pp. 66-75, Impact Factor 5.301
14. 2015 V. B. Pagi, R. S. Wadawadagi and B. S. Anami, Multiple Fault Diagnosis of Motorcycles based on Acoustic Approach, International Journal of Advanced Information in Engineering Technology (IJAIET), Vol.2, No.2, February 2015, pp. 20-28
15. 2014 Basavaraj S. Anami, Veerappa B. Pagi, ‘Acoustic signal based detection and localisation of faults in motorcycles’, IET Intelligent Transport Systems, doi: 10.1049/iet-its.2012.0193, ISSN 1751-956X, June 2014, vol. 8, issue 4, p. 345-351
16. 2014 Basavaraj S. Anami, Ramesh S. Wadawadagi and Veerappa B. Pagi, Machine Learning Techniques in Web Content Mining: A Comparative Analysis, Journal of Information & Knowledge Management, Online ISSN: 1793-6926, Vol. 13, No. 1 (2014) World Scientific, DOI: 10.1142/S0219649214500051
17. 2014 Basavaraj S. Anami and Veerappa B. Pagi, Acoustic Signal-based Approach for Fault Detection in Motorcycles using Chaincode of the Pseudospectrum and Dynamic Time Warping Classifier, IET Intelligent Transport Systems, doi: 10.1049/iet-its.2012.0086, [Volume 8, Issue 1](https://digital-library.theiet.org/content/journals/iet-its/8/1;jsessionid=b14ep40ibbnr.x-iet-live-01), February 2014, p. 21 – 27
18. 2013 Veerappa B. Pagi, Basavaraj S. Anami and Ramesh S. Wadawadagi, Acoustic Pseudospectrum based Fault Localization in Motorcycles, International Journal on Computational Sciences & Applications (IJCSA) Vol.3, No.3, June 2013, DOI:10.5121/ijcsa.2013.3307, pp. 79-89
19. 2013 Basavaraj S. Anami and Veerappa B. Pagi, Localisation of multiple faults in motorcycles based on the wavelet packet analysis of the produced sounds, Published in IET Intelligent Transport Systems, Accepted on 27th April 2013, doi: 10.1049/iet-its.2013.0037 ISSN 1751-956X, [Volume 7, Issue 3](http://digital-library.theiet.org/content/journals/iet-its/7/3), September 2013, pp. 296–304
20. 2013 Basavaraj S. Anami and Veerappa B. Pagi, Acoustic Signal based Fault Detection in Motorcycles – A Comparative Study of Classifiers, International Journal of Image, Graphics and Signal Processing, DOI: 10.5815/ijigsp.2013.1.02 Published Online October 2012 in MECS (<http://www.mecs-press.org/>), January 2013, pp. 8-15
21. 2013 Basavaraj S. Anami and Veerappa B. Pagi, ‘Fault detection and localization in motorcycles based on the chain code of pseudospectra and acoustic signals’, Journal of Mechanical Engineering and Sciences (JMES) ISSN (Print): 2289-4659; e-ISSN: 2231-8380; Volume 4, pp. 440-451, June 2013
22. 2013 Basavaraj S. Anami and Veerappa B. Pagi, ‘Acoustic signal based fault detection of motorcycles using slope vector of the estimated pseudospectrum’, International Journal of Signal Processing, Image Processing and Pattern Recognition Vol.6, No.5 (2013), pp.57-70
23. 2012 Basavaraj S. Anami, Veerappa B. Pagi, and Sangamesh M. Magi, Comparative Performance Analysis of Three Classifiers For Acoustic Signal Based Recognition of Motorcycles using Time- and Frequency-domain features’ Institution of Engineering and Technology (IET)-Intelligent Transport Systems doi: 10.1049/iet-its.2011.0162, 2012, vol. 6, issue 3, pp. 235-242
24. 2012 Basavaraj S. Anami and Veerappa B. Pagi, Multi-fault source localization in motorcycles based on wavelet packets of the sound signals, International Journal of Applied Artificial Intelligence in Engineering System (July-Dec 2012), Vol. 4, No. 2, 2012, ISSN: 0975-3176, pp. 135-150
25. 2012 Basavaraj S. Anami and Veerappa B. Pagi, Integration of Pseudospectral Segments of Sound Signals for Fault Location in Motorcycles, SERSC International Journal of Advanced Science and Technology, Vol. 47, October 2012, pp. 77-90
26. 2012 Basavaraj S. Anami and Veerappa B. Pagi, ‘Multi-stage acoustic fault diagnosis of motorcycles using wavelet packet energy distribution and ANN’, Accepted for publication in SERSC International Journal of Advanced Science and Technology (December 2012), International Journal of Advanced Science and Technology Vol. 49, December, 2012 , pp. 47-62
27. 2011 Basavaraj S. Anami, Veerappa B. Pagi, and Sangamesh M. Magi, Wavelet based acoustic analysis for determining health condition of two-wheelers, Elsevier Journal of Applied Acoustics, vol. 72, issue 7, 2011, pp.464-469

**International Conference**

1. 2019 Wadawadagi R. S. & Pagi V. B., Fine-grained Sentiment Rating of Online Reviews with Deep-RNN, Proc. of International Conference on Advances in Artificial Intelligence and Data Engineering (AIDE 2019), May 23-24, 2019, NMAMIT Nitte, Springer-Nature, Indexed in Scopus, DBLP
2. 2018 Veerappa B. Pagi, Ramesh S. Wadawadagi, Soumya Patil and Neha Kulkarni , Twitter Sentiment Analysis: Techniques and Applications, 6th International Conference on Chip, Circuitry, Current, Coding, Combustion & Composites i7C-2018, 28th - 29th November, 2018, Sri Sairam College of Engineering, Bengaluru
3. 2018 Veerappa B. Pagi and Vinod Biradar, A Survey of Navigation system for Visually Impaired using Multimedia, 6th International Conference on Chip, Circuitry, Current, Coding, Combustion & Composites i7C-2018, 28th - 29th November, 2018, Sri Sairam College of Engineering, Bengaluru
4. 2018 Ramesh S. Wadawadagi and Veerappa B. Pagi (2018), A Deep Recursive Neural Network Model for Fine-Grained Opinion Classification. In Proceedings of International Conference on Recent Trends in Image Processing and Pattern Recognition (RTIP2R-2018), 21-22 December 2018, Solapur University, Solapur, Communications in Computer and Information Science, Springer-Nature, 2019, Indexed in Scopus and DBLP
5. 2018  Veerappa B. Pagi, Bhargav H. K. and Ramesh S. Wadawadagi, Paragraph Segmentation of Kannada Handwritten Document with Skewed Content,  6th International Conference on Chip, Circuitry, Current, Coding, Combustion & Composites i7C-2018, 28th - 29th November, 2018, Sri Sairam College of Engineering, Bengaluru
6. 2018  Bhargav H. K. and V. B. Pagi A Comprehensive Review of Text Recognition from Kannada Handwritten Documents,  6th International Conference on Chip, Circuitry, Current, Coding, Combustion & Composites i7C-2018, 28th - 29th November, 2018, Sri Sairam College of Engineering, Bengaluru
7. 2017 V. B. Pagi and R. S. Wadawadagi, Opinion content extraction from Web pages using embedded semantic term tree kernels, Accepted for International Conference on Computational Intelligence and Data Engineering (ICCIDE-2017), organized by Laki Reddy Balireddy College of Engineering, Mylavaram, India, on 14, 15 July 2017
8. 2016 V. B. Pagi, R. S. Wadawadagi and B. S. Anami,Severity Analysis of Motorcycle Faults Based on Acoustic Signals, International Conference on Cognition and Recognition (ICCR 2016), Maharaja Institute of Technology, Mysore, 30-31 December 2016, (Published in  [Lecture Notes on Data Engineering and Communications Technologies (LNDECT) series of  Springer](http://www.springer.com/series/15362)), Lecture Notes in Networks and Systems 14,DOI 10.1007/978-981-10-5146-3\_5, pp. 41-54
9. 2015 V. B. Pagi, R. S. Wadawadagi and B. S. Anami, Fault Localization in Motorcycles using Wavelet Packet Energy Distribution, IEEE International Conference on Soft Computing and Network Security (ICSNS), SNS College of Technology, Coimbatore, India, 25-27 February 2015
10. 2015 V. B. Pagi, R. S. Wadawadagi and B. S. Anami, An Acoustic Approach for Multiple Fault Diagnosis in Motorcycles, IEEE International Conference on Soft Computing and Network Security (ICSNS), SNS College of Technology, Coimbatore, India, 25-27 February 2015
11. 2015 V. B. Pagi, R. S. Wadawadagi and B. S. Anami,  Empirical Study of Features and Classifiers for Fault Diagnosis in Motorcycles Based on Acoustic Signals, International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT - 2015), Bapuji Institute of Engineering and Technology, Davangere, 29-31 October 2015, DOI: [10.1109/ICATCCT.2015.7456966](http://dx.doi.org/10.1109/ICATCCT.2015.7456966), pp. 659 – 664
12. 2009 Basavaraj S. Anami and Veerappa B. Pagi, An Acoustic Signature Based Neural Network Model for Type Recognition of Two-Wheelers, IMPACT-2009, IEEE International Conference on Multimedia Systems, Signal Processing and Communication Technologies 14-16 March-2009, Aligarh, pp 28-31
13. 2005 B. S. Anami, S. A. Angadi, V. B. Pagi and M. A. Bharathi, A Knowledge Based Technique for Automatic Recognition of Traffic Signs, Proceedings of the International Conference on Cognition and Recognition, 22-23 December 2005, PES College of Engineering, Mandya, India, pp. 603-614

**National Conference**

1. 2023 Y. V. K. Durga Bhavani, Sanjeevakumar M. Hatture, V. B. Pagi, S. V. Saboji, “An Analytical Review on Traditional Farming and Smart Farming: Various Technologies around Smart Farming”, National Conference on. Recent Trends in Information. Technology. (NCRTIT-2k23 on 10th February 2023) organized by PVPSIT NRTIT-2023, ELSEVIER SSRN Indexed, IJIEMR, Volume 12, Issue 02, pp. 66-85, Feb 2023, DOI: 10.48047/IJIEMR/V12/ISSUE 02/10. (ISSN:
2. 2018 Vandana Athani and V.B. Pagi, “Kannada Character Recognition from Printed Documents”, 7th National Conference on Recent Advances in Technology and Engineeering (RATE-2018), at T. John Institute of Technology, Bengaluru
3. 2017 Priyank M. Kambagi and V. B. Pagi, “Comparative Analysis of Multimodal Biometric Authentication using Signature, Face and Voice”, National Conference on Multimedia Technologies and Communication Systems (NCMTCS-2017), at Malnad College of Engineering, Hassan, on 17, 18 March 2017
4. 2016 Mallikarjun Masarakal and Veerappa B. Pagi, “Learning Techniques in Face Recognition from Partial Image: A Comparative Analysis”, National Conference on Emerging Trends and Advances in Information Technology Department of CS & E, Adichunchanagiri Institute of Technology, Chikkamagaluru, January 29th & 30th, 2016
5. 2001 Basavaraj Anami, Basavaraj Amarapur, S. A. Angadi, V. B. Pagi and Shobha Channal, “The Invariant Moment method for leaf Image recognition based on segmentation: A Neural Network Approach, Proceedings of National conference on Document Analysis & recognition (NCDAR-2001), 13-14 July 2001, PES College of Engineering, Mandya, India, pp. 130-139

**Actively Involved in Post-graduate Projects** in the area of Image Processing

* Classification of Leaves using Neural Network, Carried out by Ms. ShobhaChannal, for VTU Belgaum
* Recognition of Pitman Shorthand Strokes using Dynamic Programming Approach", carried out by Mr. Shashidhar Kallur for M.Tech.(Computer Engg.), University of Mysore, Mysore.

**Symposium organized**

* + - 1. 2023 Symposium on Emerging Trends in Smart Systems, Convener, organized on 8th and 9th September 2023, at BEC Bagalkote

**FDP Organized**

1. 2019 Research Avenues in Information Technology (under TEQIP-III), from 3rd June to 7th June 2019 (Coordinators: V. B. Pagi, S. R. Patil and L. B. Bhajantri)

**Workshops organized**

1. 2016 CSI-Electronic System Design and Manufacturing Workshop jointly organized by BEC, CSI-Bangalore chapter, Sponsored by Govt. of Karnataka -IT & BT, and Consortium of Electronic Industries Karnataka, on 29th and 30th March 2016, for the faculty, staff and students of Bagalkot and surrounding Engineering colleges
2. 2016 ISRO Guest Lecture on “ISRO Satellite Remote Sensing Based Societal Applications on the Web”, Sponsored by TEQIP-II, on 9th September 2016 for the students of circuit branches and MBA of our college.

**Member of the organizing committee**

1. 2018 Member of the Technical Committee of National Conference on Advances in Computer Science, Engineering and Technology (ACSET-2018), organized at KLE College of Engineering and Technology, Chikodi, on 9th and 10th March 2018.
2. 2017 Member of the organizing committee of International Symposium on Green Technologies for Sustainable Development, organized at Basaveshwar Engineering College, Bagalkot, on 24th and 25th February 2017
3. 2016 Member of the technical committee of International Conference on Current Research and Applications in Electrical Sciences (ICCRAES-2016), organized on 4th and 5th October 2016, at PDA College of Engineering and Technology Gulbarga (Kalaburgi)
4. 2015 Sai Vidya Institute of Technology, Bengaluru, VTU Sponsored two days National Conference on advances in computing & Communication Technologies (NCACCT-15)on topic “Research Issues in Image Processing” during 28th and 29th April 2015
5. Worked as Member of Technical Program committee at National Conference on Advances in Computing and Communication Technologies (NCACCT-2015) organized at Sai Vidya Institute of Technology, Bengaluru, on 28th and 29th April 2015

**Faculty Development Programmes (FDPs) attended**:

1. 2024 3-day workshop on “Strategic Planning for Basaveshwar Engineering College, Bagalkote”, from 23rd to 25th January 2024
2. 2023 2-day FDP on Outcome Based Education at BEC Bagalkote, on 1st and 2nd February 2023
3. 2022 1-day Orientation Program for Translators and Reviewers on Technical Book Writing in Regional Language Kannada, on 14th December 2022, at VTU Muddenahalli
4. 2020 5-day Online FDP on Universal Human Values for DEEKSHARAMBH (Student Induction Program)" organized by NIT Patna during 23 - 27 November 2020
5. 2020 3-day Online FDP on Cybersecurity and Blockchain Technology, organized by SKSVMA CET Lakshmeshwar, from 03-07-2020 to 05-07-2020
6. 2020 5-day Online FDP on Digital Transformation in Teaching Learning Process, under TEQIP-III, through Swayam, IIT Bombay, from 16-03-2020 to 30-03-2020
7. 2017 Open Society Problems and Computing Solutions in Python, 29,30 and 31 March 2017, at Basaveshwar Engineering College, Bagalkot
8. 2016 TCS HeadStart, HoD’s meet, 25th February 2016, TCS Bengaluru
9. 2016 Managerial Capacity Enhancement, 26th to 28th September 2016, IIM Kozhikode
10. 2015 Outcome Based Education, 18th December 2015, at BEC Bagalkot
11. 2015 Management Capacity Enhancement, 16th July 2015 to 22nd July 2015, at IIM Indore
12. 2015 Empowerment through Employment, 3i Summit, 2nd March 2015, at RiiiT Mysore
13. 2013 Software Project Management, 14th December 2013, at RiiiT Mysore
14. 2013 Senior Faculty Development Program, 11th to 13th November 2013, at BEC Bagalkot
15. 2011 Linear Algebra and its applications, 24th to 28th January 2011, at JNN College of Engineering, Shimoga
16. 2010 VTU Thesis Development using Latex, 1st January 2010, at Jayachamarajendra College of Engineering, Mysore.
17. 2010 Biologically Inspired Computing, from 7th to 10th June 2010, at Shri Jayachamarajendra College of Engineering, Mysore.
18. 2009 Research Methodologies and Report Writing, on 25th to 26th May 2009, KLS Gogte Institute of Technology, Belgaum.
19. 2009 Research Issues in Information Technology, February 26-28, 2009, at Basaveshwar Engineering College, Bagalkot
20. 2008 Faculty development programme on Computer Network Simulation, 21-02-2008 to 23-02-2008, at Basaveshwar Engineering College, Bagalkot
21. 2008 Basics of Wavelets and Applications, from 13-03-2008 to 15-03-2008, at Basaveshwar Engineering College, Bagalkot.
22. 2007 Speech and Image Processing, from 23-07-2007 to 28-07-2007, at Basaveshwar Engineering College, Bagalkot.
23. 2007 Digital Image Processing & Computer Vision, 4th and 5th May 2007, at Malnad College of Engineering, Hassan.
24. 2006 Vision R & D, from 20-03-2006 to 25-03-2006, at Basaveshwar Engineering College, Bagalkot.
25. 2006 Signal Processing & Its Applications, from 9th to 11th October 2006, at Basaveshwar Engineering College, Bagalkot.
26. 2006 Mathematical Modeling for Digital Image Processing, from 09-01-2006 to 14­-01-2006, at Basaveshwar Engineering College, Bagalkot.
27. 2006 Infovision-2006- The knowledge Summit, on 28, 29 September 2006, at Hotel Le Meridian, Bangalore, organized by Confederation of Indian Industry (CII)
28. 2006 Digital Signal Processor & its applications, from 25th to 30th September 2006, at Basaveshwar Engineering College, Bagalkot.
29. 2006 Counseling Techniques, on 25th August 2006, at Basaveshwar Engineering College, Bagalkot.
30. 2006 C# and .NET, from 1st to 6th June 2006, at Basaveshwar Engineering College, Bagalkot.
31. 2006 Applied Mathematics, from 03-04-2006 to 08-04-2006, at Basaveshwar Engineering College, Bagalkot.
32. 2001 IBM iSeries 400 & As.400e, from 09-07-2001 to 21-07-2001, at Basaveshwar Engineering College, Bagalkot.
33. 2001 DB2, from 13-08-2001 to 18-08-2001, at BMSCE Bangalore.
34. 2001 Database Systems, from 19-11-2001 to 23-11-2001, at IIIT Bangalore.
35. 1999 Advanced Microprocessor & PC Training, from 18-01-1999 to 11-02-1999, at UVCE Bangalore.

**Webinars Attended:**

1. Machine Learning, 27-06-2020, Resource Person: Mr. Veerashetty Dagade, Organized by GIT Belagavi

**Other activities**

1. Participated in STEP-2018, Prabuddha Bharata, a National Conclave held at VTU Belagavi, on 1st and 2nd December 2018

**Delivered talks as a Resource Person at:**

1. 2023 GPT Bagalkot, “Universal Human Values”, on 10th July 2023, as part of Induction Program to 1st year Diploma students
2. 2021 GPT Bagalkot, “Bridging the gap between Industry and Academia”, on 4th March 2021, during AICTE - ISTE Sponsored Online Refresher Programme on “Preparation of Lab Manual & Project Evaluation”
3. 2020 RYMEC Ballari, “Applications of Data Science”, on 14thJanuary 2020, at RYMEC Ballari, during AICTE Sponsored Two Weeks Faculty Development Program on Hands on Practice of Python with Data Science, conducted on 13th Jan 2020 to 25th Jan 2020
4. 2019 GPT Bagalkot, “Research-Current Scope and Trends”, on 2nd November 2019, during CCTEK-One week STTP training program on “Research Methodology”, organized by GPT Bagalkot from 2nd December 2019 to 6th December 2019
5. 2015 “Research Methodology and Issues in CSE”, at BLDEA’s VachanaPitamaha Dr. PGH Institute of Technology, Vijayapur, FDP on Research Methodology and Issues,8th-12thJune 2015
6. 2015 “Open Research Issues in Image Processing”, at SaiVidya Institute of Technology, Bengaluru, on 29th April 2015, during VTU Sponsored two days National Conference on advances in computing & Communication Technologies (NCACCT-15)on topic “Research Issues in Image Processing” during 28th and 29th April 2015
7. 2015 “Image Processing Applications to Agriculture”, on 29th January 2015, at Navodaya Institute of Technology, Raichur, during one week Faculty Development Programme on “Digital Image Processing and its Applications”, from 27th to 31st January 2015
8. 2013 SECAB Institute of Engineering and Technology, Bijapur, on “Teaching – Perspectives and Challenges”, on 28th December 2013
9. 2012 KLE Institute of Technology, Hubli, on “Career Opportunities for MCA graduates”, on 16-10-2012
10. 2008 Basaveshwar Science College, Bagalkot, on “Artificial Intelligence and Expert Systems” in 2008
11. 2007 University of Agricultural Sciences, Dharwad, on “Image Processing applications in Agriculture”, on 20-09-2007
12. 2000 “8087 Architecture and Programming”, BVVS Polytechnic Bagalkot, during AICTE-ISTE sponsored STTP on “Microprocessors – Programming and Applications”, held from 15th to 27th November 1999

**Additional responsibilities:**

* Worked as Head of the Department of Computer Science and Engineering since 2nd September 2014 to 11th December 2018.
* Worked as Head of the Department of Computer Applications (MCA) from 22nd December 2007 to 1st September 2014
* Worked as member of various committees in Basaveshwar Engineering College, Bagalkot, including Graduation Souvenir Committee, MPCC committee, Academic Council, Examination Reforms Committee and Chairman of Board of Studies in MCA and CSE departments.
* Worked as Coordinator of BVVS-IIPS (International Institute of Professional Studies), for two years, at Basaveshwar Engineering College, Bagalkot.
* Worked as Founder Secretary, GANAK, Forum ofCSE Students, for one year at Sir M.V.I.T., Bangalore.
* Worked as Residential Warden, VIT Men's Hostel-II, for two years at Sir M.V.I.T., Bangalore.
* Worked as In-charge Head, Dept. of Computer Applications (MCA) from 22-12-2007 to 01-09-2014
* Deputed to deliver a series of lectures on Object Oriented Analysis and Design and Operating Systems for M. Sc. (Computer Science) students of Basaveswhwar Science College, Bagalkot, during January 2016.

**Ph. D. candidates under my supervision**

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| --- | --- | --- | --- | --- |
| Sl.No | Candidate Name | Candidate USN | Year of Registration | Research Topic |
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| 1 | Ramesh S. Wadawadagi | 2BA15PEJ08 | 2015 | Development of an integrated framework for web content analysis |
| 2 | Y. V. K. Durga Bhavani | 2BA21PCS05 | 2021 | Human Activity Detection, Recognition and Prediction for Crime Scene Analysis |
| 3 | Raju A. Nadaf | 2BA21PCS03 | 2021 | Text Classification by Zero Shot Learning for Sentiment Analysis |

**As a Chief Guest:**

1. 2019, TCE-Hackathon, on 9th May 2019, at Tontadarya College of Engineering, Gadag
2. 2019, Freshers’ day celebration and inauguration of Sports and Cultural Activities to BCA students of SJPN Trust’s BCA College, Nidasoshi, on 27th July 2019

**Awards Recognition and Achievements:**

1. Recognized for Outstanding Contribution in Reviewing for Elsevier journal “Measurements”, February 2017
2. Best paper presentation award on “Bharathadalli Muktha ThamthrAmsha – OnduavalOkana”, on 9th Kannada Science Conference held at Basaveshwar Engineering College, Bagalkot, 15th to 17th September 2012
3. Participated as a judge during Srishti 2007, organized by Basaveshwar Engineering College, from 4th to 7th May 2007
4. Worked as a Member of a Research Registration Expert Committee in CSE for PhD/MSc(Engg) by Research, during 2018-19
5. Worked as a Member of Board of Studies for CSE department of PDA College of Engineering, Kalaburagi, during 2018-19
6. Chairman of Board of Studies in CSE of BEC Bagalkot, from 2014 to 2018
7. Member of Academic Council from 2007 to 2018
8. Member of Governing Council from 2019 to till date
9. Worked as member of Board of Examiners of VTU for one year 2009-10
10. Worked as member of Board of Studies in MCA, of VTU Belgaum from 2010 to 2013
11. Two projects under my guidance were selected by KSCST during 2004
12. Evaluated the thesis of Ph. D. for Shivaji University Kolhapur, MS University Thivrunelveli, Bhartiyar University Coimbatore and St. Peters University Chennai