

# Curriculum Vitae

**Dr. Shivanand S Gornale,**

M. Sc., M.Phil., Ph.D.(Computer Science)

**Professor of Computer Science**

**Director, School of Mathematics and Computing Sciences.**

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**Web of Science Researcher-ID:** AAI-6603-2020



## **CAREER OBJECTIVE:**

I am seeking a challenging position with a reputed organization that is rapidly expanding, adopting and offers good advancement potential in academics, research and development. I would like to be a position with a strong emphasis on Academics, Research and Development.

## **PERSONAL INFORMATION**

<b>Name</b>	<b>: Shivanand Sharanappa Gornale</b>
<b>Designation</b>	<b>: Professor of Computer Science</b>
<b>Mailing Address</b>	<b>: Dr. Shivanand S Gornale</b> Professor of Computer Science, School of Mathematics and Computing Sciences, Rani Channamma University, Vidya Sangama, PB-NH4- Belagavi -591 156–Karnataka
<b>Residence Address</b>	<b>: Dr. Shivanand Sharanappa Gornale</b> R/o Siddapur Wadi. Post Jaigoan, Tq. Bhalki, Dist Bidar-Karanataka- BHALKI-585 328.
<b>Date of Birth</b>	<b>: 1<sup>st</sup> July-1971</b>
<b>Passport Details</b>	<b>: Passport No: 54312401, Expiry Date: 25<sup>th</sup>, June-2028.</b>
<b>Languages known</b>	<b>: English, Hindi, Kannada, Marathi</b>

## **EDUCATIONAL QUALIFICATION**

- ❖ **Ph.D. (Computer Science)** University of Pune, Pune-Maharashtra India. Ph.D. Research topic is, "Development of Compression technique for Noisy Image: A Multi-Wavelet approach" Under the guidance of Dr. K.V. Kale-2009
- ❖ **M.Phil. (Computer Science)**, Manonmaniam Sundarnar University (MSU), Thirunelveli, Tamil Nadu-India- 2003. Dissertation: "Application of power lines in PC-to-PC Communication, their Problems and Solutions"
- ❖ **M.Sc. (Computer Science)**, Dr. Babasaheb Ambedkar Marathwada University Aurangabad, Maharashtra-India -1995
- ❖ **B.Sc. (Physics, Mathematics and Electronics)**, Gulbarga University Gulbarga, March/April 1993

## TEACHING EXPERIENCE AND RESEARCH EXPERIENCE

### Teaching Experience:

- Working as **Professor of Computer Science**, School of Mathematics and Computing Sciences, Rani Channamma University, Vidya Sangama, NH4-Belagavi –Karnataka from **04.09.2016** to till date
- Worked as **Associate Professor of Computer Science**, School of Mathematics and Computing Sciences, Rani Channamma University, Vidya Sangama, NH4-Belagavi –Karnataka from **04.09.13** to **03-09-16**
- Worked as Asst. Professor and Coordinator, Post Graduate Department of Computer Science, Government College (Autonomous), Mandya –Karnataka ( Affiliated to University of Mysore) from **26.02.2008** to **03.09.2013**
- Worked as Asst. Professor and Head, Vidyapratishtan's' Institute of Information Technology (VIIT), Baramati Pune-Maharashtra (Affiliated to University of Pune and AICTE, New Delhi) from **01-08-2006** to **20-02-2008**
- Worked as a Lecturer and Head, Department of Computer Science, Channabasaveshwar Degree College Bhalki (Affiliated to Gulbarga University Gulbarga) From **26-07-1995** to **31-07-2006**.

### Research experience:

- Completed Minor Research Project sanctioned by UGC New Delhi entitled “Study of Fingerprint image de-noising techniques through Decimated and Un-decimated Wavelet Transform (WT). (Ref.No. UGC/MRP(s)/0286/08-09/KAMY022) (completed)
- Working as Mentor on Project Under Women Scientist Scheme-B(WOS-B) entitled “Detection and Analysis of Osteoarthritis in Knee X-ray images using Machine Vision”, By DST, New Delhi for 03 Years- 2017-18 to 2019-2020 (22,10,000/- Completed)
- Doing research work in Image Processing and pattern recognition for Biometric, Medical Imaging application and Networking (Since 1999).

### Research Area of Interest:

- Image Processing, Computer Vision, Image Data Compression, Wavelets, Information Communication Technology, Biometrics Data Analysis

### Research Guidance:

- Recognized Research Guide for **Ph.D. in Computer Science** School of Mathematics and Computing Sciences, Rani Channamma University, Vidya Sangama, PB-NH4- Belagavi -591 156–Karnataka
- Recognized Research Guide for **Ph.D. in Computer Science and Engineering**, Jain University, Bangalore.
- Recognized research guide for M.Phil in Computer Science of Alagappa University, Karaikudi Tamil Naidu 12 students awarded degree under my guidance. [http://www.alagappauniversity.ac.in/downloads\\_pdf/mphil\\_computer\\_guide.pdf](http://www.alagappauniversity.ac.in/downloads_pdf/mphil_computer_guide.pdf)
- **05 Ph.D. Students awarded.**
- Guided Two Projects for AVISKAR-2007 Research Festival, University of Pune.
- Guided more than 75 Projects for M.Sc., MCA and M. Tech. in Computer Science/ Computer Applications under University of Pune, University of Mysore, Gulbarga University Gulbarga and Rani Channamma University, Belagavi.
- Presently **02 Ph.D. students are working** under my supervision Rani Channamma University, Belagavi in the area of Digital Image Processing, Pattern Recognition and Computer Networking

### Teaching Experience in other Institutions:

- From 04-12-2000 to 31-04-2001, as a part time Lecturer in **Post Graduate Diploma in Computer Application (P.G.D.C.A) Course**, Karnataka Commerce College, Bidar (Affiliated to Gulbarga University).

## ACHIEVEMENTS AND AWARDS

- ✚ Presented paper in IEEE sponsored International Conference on 4th International Conference Computer Graphics, Imaging and Visualization (CGIV-07) 14, 15 - 17 August 2007, **Bangkok, Thailand**,
- ✚ Nominated for “Best Teacher Award” for the academic year 2006-2007 under University of Pune, Pune (Maharashtra)India
- ✚ “Vidyabhushan” Award 2010, by INSA (Indian NET-SET Association, Amravati), Maharashtra-India

## INTERNATIONAL/NATIONAL CONFERENCE/WORKSHOP/SEMINAR PARTICIPATED

### INTERNATIONAL CONFERENCE

1. Attended **International Conference** on “ICT in Education and Development” organized by AISECT Bhopal (M.P) India from December 16-17-18, 2004.
2. Attended **International Conference** on Systemic, Cybernetics, and Informatics ICSCI-2006-Hyderabad-India from 4th –8th Jan-2006.
3. Attended three days **IEEE-International Conference** on Signal and Image Processing (IEEE-ICSIP-06) 7-9th Dec 2006, Hubli Karnataka.
4. Attended **International Conference** on Systemic, Cybernetics, and Informatics ICSCI-2007-Hyderabad-India from 3th –7th Jan-2007.
5. Attended the **IEEE-International Conference** on Computer Graphics Imaging and Visualization (CGIV-07) 15-17th, August 2007, Bangkok Thailand.
6. Attended the **IEEE-International Conference** on Advances in Computer Vision and Information Technology (IEEEACVIT-07) 28-30th November, 2007, Aurangabad (MS)-India
7. Attended the **International Conference** on “Managing Next Generation Software Applications-08(MNGSA-2008) 05-06-December 2008 –Coimbatore- India.
8. Attended the **IEEE Sponsored International Conference** on Advances in Computer Vision and Information Technology (IEEE-ACVIT-09) 16th 19th December, 2009, Department of Computer Science & IT Dr. Babasaheb Ambedkar Marathwada University, Aurangabad-Maharashtra-India
9. Attended and chaired the session in third **International Conference** on Cognition and Recognition (ICCR)-2011 Organized by the Department of Computer Science University of Mysore- India 09-10<sup>th</sup>, Dec-2011.
10. Attended and chaired the session in **International Conference** on Multimedia Processing Communication and Computing Applications organized by the Department of MCA on 13th-15th Dec-2012, PESIT, Bangalore-India
11. Attended and Chaired the session on “Symposium on network Security and Computer Vision” at **103<sup>rd</sup> Indian Science Congress** held at University of Mysore, Mysore on 03-7<sup>th</sup> Jan-2016
12. Attended and Chaired the Session in First **International Conference on Recent Trends in Image processing and Pattern Recognition(RTIPR)**, 16-17<sup>th</sup> December-2016 organized by Post Graduate Department of Computer Science, Karnataka Commerce College Bidar, Karnataka.
13. Attended and Chaired the Session in **International Conference on Cognition and Recognition (ICCR-2016)** on 30th and 31st of December, 2016 in MIT Mysore-Karnataka.
14. Attended and Chaired the Session in **International Conference on Recent Trends in Computer Science, Engineering and Technology (ICRACSET-2017)** on 3<sup>rd</sup> Feb-2017, MGM's Dr. G Y Patrekar College of Computer Application and Information Technology-Aurangabad-Maharashtra-India
15. Attended International Conference on eITBM-2018 at VIIT, Baramati, 12<sup>th</sup> to 13<sup>th</sup> Feb-2018 Maharashtra-India.
16. Attended **East Asia Regional Conference of International Biometric Society-2108** to be held at Department of Medical Biometrics and Informatics(Biostatics), JIPER, Pondichery scheduled on 16th and 17th Feb-2018.
17. Attended and Chaired the Session in 3<sup>rd</sup> Biennial International Conference on **Recent Trends in Image Processing and Pattern Recognition(RTIP2R)**, Jan, 3-4<sup>th</sup>, Jan-2020, Organized by Department of Computer Science & IT Dr. Babasaheb Ambedkar Marathwada University, Aurangabad-Maharashtra-India

## NATIONAL CONFERENCE

18. Attended a **National conference** on "Language Engineering" Conducted by University of Hyderabad, Hyderabad. From 13th - 15th December -2002.
19. Attended a **National conference** on "Computer Communication & Security" Jointly conducted by Dr. B.A. Marathwada University Aurangabad & IETE Aurangabad from 4th -5th Jan- 2004.
20. Attended **National Conference** on "e-Learning Challenges and Opportunities in the Indian context" Organized by Computer Society of India (CSI) and BBCIT Hyderabad -India on 29-10-04 to 30-10-04.
21. Attended **National Conference** on "Geometry, Analysis, Fluid Mechanics and Computer Applications" Organized by the Dept. of Studies in Mathematics and Computer Science, Kuvempu University, Shankaraghatta Karnataka, India on 9th, 10th and 11th Dec-2004.
22. Attended Two days **National Conference** on "Advancement in Information Technology and Internet Security", SIBAR Pune Maharashtra -India 4-5 Jan, 2008.
23. Attended two days **National seminar** on "Image Processing and Pattern Recognition" conducted by Karnataka Arts, Science and Commerce College, Bidar Karnataka during 15th-16th Feb-2010
24. Attended Two days **National Conference** on "Recent Trends in Computer Application" Conducted by Department of Management Science, DR BAMU Aurangabad-(MS) during 17th-18th Feb-2010
25. Attended **98th Indian Science Congress** organized by SRM University Chennai from 03-01-2011 to 07-01-2011
26. Attended **99th Indian Science Congress** organized by KIIT University Bhubaneswar from 03-01-2012 to 07-01-2012
27. Attended one day UGC Sponsored **National conference** on "Managerlization-2012", organized by Department of MBA and MCA Dr. BAMU, Aurangabad Sub-campus Osmanabad-Maharashtra on 18-02-2012.
28. Attended and chaired the session in **National Conference** on "Computer Networks and soft Computing NCNS-12 organized by the Department of Computer Science Engineering on 6th and 7th Nov-2012,SIT,Tumkur
29. Attended and chaired the session in UGC Sponsored **National Conference** on "Core Competency in Computing" organized by the Post Graduate Department of Computer Science on 22nd and 23rd Feb-2013, JSS College Ooty Road Mysore.
30. Attended and chaired the session at **National Conference** on Recent Trends in Computer Science and Applications and Computational Mathematics" 20<sup>th</sup> and 21<sup>st</sup> Dec-2013, Indira College, Pune-Maharashtra.
31. Attended UGC sponsored **National conference** on "Machine Learning and Pattern Recognition "held on 1<sup>st</sup> and 1nd Feburary-2014, C. B. College, Bhalki, Dist Bidar-Karnataka.

## WORKSHOP/SEMINAR

32. Attended a One-day **Workshop** on "Effective Teaching Skills " conducted by Rotary Club Bidar, Bidar on 14th Oct-2000.
33. Attended a one day **workshop** on "Preparation of the B.Sc./B.Com/B.A (Computer Science/ Computer Applications) Syllabus under semester scheme" on 07-08-2003, at Gulbarga University Gulbarga
34. Attended a **One-day Seminar** on " Vocationalization of Higher Education " and interface meeting regarding Career Oriented Program at undergraduate level by University of Madras on 11th -14th, Feb-2004.
35. Attended a **workshop** on "E-Education" Organized by Department of Computer Science and IT and Department of Library and Information Science and University Library, Dr. Babasaheb Ambedkar Marathwada University Aurangabad, Aurangabad on 16th Sept.2004
36. Participated a Three-day **National Seminar** on "Role of NSS in the formation of youth in the New Millennium" Jointly conducted by Gulbarga University Gulbarga (NSS), State NSS Cell, and Department of information, Tourism & Youth Services Government. Karnataka, Bangalore from 7th Jan to 9th Jan-2005 at Gulbarga University Gulbarga.
37. Attended a **workshop** on "Embedded System and Its applications" Organized by Department of Computer Science and IT Dr. Babasaheb Ambedkar Marathwada University Aurangabad, Aurangabad and IETE Aurangabad Sub center Aurangabad on 7th March, 2006

38. Attended a One-day **Workshop** on “MCM Syllabus Orientation Program ” Conducted by VIIT, Baramati(MS)-India on 2nd September-2006
39. Attended Two days **workshop** on “Software Project Management” at PVG Engineering College, Pune-Maharashtra –India on 22nd -23rd, June, 2007.
40. Attended **Six days workshop** on “Computational Neuroscience” conducted by SIBACA, Pune Sponsored by University of Pune and CSIR New Delhi from 23-06-2008 to 29-06-2008.
41. Attended one day workshop on **Faculty development workshop and Orientation programme** on 24<sup>th</sup> October 2013 at Rani Channamma University, Belagavi- Karnataka.
42. Attended two days National Seminar on” Women Empowerment During 21<sup>st</sup> Century in India”, on 22<sup>nd</sup>-23<sup>rd</sup> November- 2013 sponsored by ICSSR New Delhi at Rani Channamma University, Belagavi-Karnataka.
43. Attended Two days workshop on “**Web Technology**” at S.B Arts and KCP Science college, Bijapur jointly organized Rani Channamma University, Belagavi on 25<sup>th</sup> and 26<sup>th</sup> November-2013.
44. Attended One Day UGC Sponsored National Workshop on Recent Developments in **Digital Image Processing and Pattern Recognition-2014**, organized by Dept. of Computer Science, Gulbarga University, Gulbarga on 30th May 2014.
45. Attended UGC Sponsored National Conference on “**The Role of Information and Communication Technology in the Higher Education of Rural Areas**”, organized by Department of Physics and Computer Science, at Maharashtra Mahavidyalaya, Nilanga on 8-9<sup>th</sup> August-2014
46. Attended and chaired the session in one day seminar on “**E-Resources for Teaching, Learning and Research (ERTLR-2014)**” on 03.11.2014 in the PG Department of Computer Science, Karnataka Commerce College, Bidar- Karnataka in association with Spoken tutorial project IIT, Mumbai.
47. Attended one day National Workshop on “New Innovations in Cloud Computing for Big Data” on 19<sup>th</sup> December-2015 organized by IQAC and PG Department of Computer Science, Karnataka Commerce College, Bidar- Karnataka in association with Manjrasoft, Australia
48. Attended one day workshop on “**A Precursor for Quality Assessment**”, on 17<sup>th</sup> March- 2016 at Rani Channamma University, Belagavi- Karnataka.
49. Attended one day workshop on “**Curriculum Design: Outcome Based Educational Model**”, on 6<sup>th</sup> April- 2016 at Rani Channamma University, Belagavi- Karnataka Jointly organized in collaboration with Higher Education Council, Govt. of Karnataka.
50. Attended one day workshop on “**Recent Advances in Optical Communication Networks**”, on 29<sup>th</sup> May-2017 at Higher Education Council, Govt. of Karnataka.
51. Attended one day National Symposium on “**Industry-Academia Research Meet on Data Science**”, Vivekananda College, Aurangabad-Maharashtra in collaboration Society of Data Science-India on 02-03-2019.
52. Chief Guest for ALCHEMY-2019-National Level **Mega-IT Fest** Organized by People Tree Education Society’s College of BCA, Belagavi on 15-03-2019
53. Attended one day workshop on “**Awareness Programme on NAACs Assessment and Accreditation Process for Affiliated Colleges of Karnataka University and Rani Channamma University, Belagavi**”, held on 27<sup>th</sup>, Sept-2019 at NAAC office Bangalore.
54. Resource Person, One Day State Level Seminar on **Cloud Computing** organized by Arts, Commerce, Science and BCA College, Harurgeri- Karnataka on 13-10-2019.
55. Attended 05 days on line certification program on “**Artificial Intelligence**” conducted by Agimus Technologies PVT Ltd, Bangalore from 4<sup>th</sup>, May-2020 to 8<sup>th</sup>, May-2020

## TRAINING PROGRAMES AND COURSES PARTICIPATED

### a) Orientation Course

1. Attended the 84th Orientation Course conducted By University of Mysore Mysore, from 7th Oct-2009 to 3rd Nov-2009 delivered the Seminar on "Biometrics and its Application" and Secured A Grade
2. Attended the 21st Orientation Course conducted By BANARAS HINDU UNIVERSITY Varnasi, from 5th May 1998 to 1st June 1998 and delivered the Seminar on "E-Mail "

3. Attended the 10 days N.S.S. Orientation Course Conducted by TOC, center Mysore University, Mysore from 8-11-2001 to 17-11-2001.

#### **b) Refresher Course**

4. Attended Refresher Course in Computer Science and Information Technology Conducted by Dr. Babasaheb Ambedkar Marathwada University Aurangabad, Maharashtra-from 08th –28th March-2011 and Secured A Grade
5. Attended Refresher Course in Computer Science Conducted by “University of Pune, Pune from 08th –28th November-2005 and Secured A Grade

#### **c) Training Programme**

6. Attended three days Training Program on “**Wavelets and Advanced Wavelets**” 31-01-2006 to 02-02-2006, Government Engineering College, Aurangabad-India.
7. Attended 07 days “**Teacher Empowerment Training for Asst. Professor of Government First Grade Colleges Mysore Region**” from 05-05-2012 to 11-05-2012 organized by Karnataka Knowledge commission and Regional Directorate of Collegiate Education, Mysore-05 at Government. College, Mandya.
8. Attended **one month** internship programme on “**Core MATLAB and its Applications for Image Processing and Machine Learning**” held from 10th May to 9th June 2021, from Sandeepani School of Embedded System Design, Bangalore.
9. Completed the **CLARIVATE Journal Citation Reports(JCR)** Certification Series-2021 on 08-07-2021 ( Certificate ID: 12767057696)
10. Participated and completed AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “**Artificial Intelligence**” from 20-09-2021 to 24-09-2021 at Dr. Babasheb Ambedkar Marathwada University, Aurangabad (Certificate No. ATAL/2021/1631009644)

#### **INVITED TALK/LECTURE DELIVERED**

- Delivered talk on” **Data Representation: Clustering, Classification and Analysis** “in the two days interdisciplinary National conference on “Recent Trends in Mathematical Modeling, Simulation Methods, Computations and Physical Sciences”, organized by HISLOP College, Nashik Maharashtra 08-09-2021
- Delivered talk on “**Fundamentals of Digital Image processing**”, in the National level Webinar on Digital image processing and Computer vision @Karnataka Commerce College, Bidar Karnataka on 31-05-2021.
- Delivered talk in UGC-Human Resource Development Center, Aurangabadis organizing a Pre-Phd Course work from (02/01/2021 to 15/02/2021) topic: **Data Representation: Clustering and Classification** on 04-01-2021
- Delivered talk on “**DEEP LEARNING: Theoretical and Practical Approach**”, AICTE sponsored Online STTP on “Deep Learning Tools & Techniques” from 07/12/2020 to 12/12/2020”, organized KLE Dr. M. S. Sheshgiri College of Engineering & Technology, Udyambag, Belagavi – 590008 on 7th December 2020
- Delivered talk on “**Computer Aided Systemization for the detection of OA in Knee X-ray Images**” One-Day National Webinar on “Computer Applications in Medical Science”, Karnatak University’s KARNATAK SCIENCE COLLEGE, DHARWAD Organized by IQAC and Dept. of Computer Science Organizing on 01-12-2020.
- Delivered talk on “**The Role of ICT in Teaching, Learning and Research Education Towards the digitization**”, UGC-HRD- Online Refresher Course on “Emerging issues in Information Communication Technology” (Inter Disciplinary) from 12th October 2020 to 24th October, 2020, DR. BAMU, Aurangabad- Maharashtra (15-10-2020)
- Delivered talk on “**Multimodal Biometric Data Analysis for Gender identification**”, AICTE sponsored STTP on Bio-Medical Systems Design using Artificial Intelligence & Machine Learning ” from 7th to 12th September 2020, G H Rasoni College of Engineering, Nagpur-Maharashtra (10-09-2020)
- Delivered Lecture on “**Document Image Analysis for Forgery Detection using Digital Image Processing techniques**”, One day e-seminar On “The role of Mathematics and computer science in Artificial

Intelligence (AI) and Machine learning” Organized by Department of Mathematics and Statistics, Date: 31st, August 2020., Krishna Mahavidyalaya, Shivanagar, Karad, Satara- Marahastra

- Delivered talk on “Hard Biometric Data Analysis, towards the Estimation of Soft-Biometrics”, at Virtual **National Symposium on Soft biometrics** organized by Dr. G Y Patrekar College of Computer Science and Information Technology, Aurangabad Maharashtra on 18<sup>th</sup>, May-2020
- Delivered talks on “**Next Generation Human Identification And Verification: Revisiting Biometric Technologies...**”and “**Medical Imaging in Clinical Applications: A Computer Aided Approach**”, at Human Resource Development Center , Bangalore University, Bangalore Refresher Course in Computer Science, Sponsored by UGC from 08.12.2018 to 29.12.2018.
- Attended and Delivered talk on “**Human Identification and Verification-Revisiting Biometric Technologies..... A Machine Learning Approach** International Conference on eITBM-2018 at VIIT, Baramati, 12<sup>th</sup> to 13<sup>th</sup> Feb-2018 Maharashtra-India.
- Attended and presented a paper in East **Asia Regional Conference of International Biometric Society-2108** to be held at Department of Medical Biometrics and Informatics(Biostatics), JIPER, Pondichery scheduled on 16<sup>th</sup> and 17<sup>th</sup> Feb-2018.
- Attended and Chaired the Session at 6<sup>th</sup> **National Conference on Recent Trends in Computer Science and Applications and Computational Mathematics**” 22<sup>nd</sup> and 23<sup>rd</sup> Dec-2017, Indira College, Pune-Maharashtra.
- **Chief Guest** for “Annual Day Function” M P Miriji College of Commerce, P G Department of Commerce, Belagavi on 19<sup>th</sup> May-2017.
- Attended and Delivered talk on “**Detection and Analysis of Osteoarthritis in Knee X-ray Images: A Machine Vision** at UGC Sponsored National Conference on “Innovations in Computer Science, Communications and Information Technology (INNOVTIT-2017), 7<sup>th</sup> and 8<sup>th</sup> April-2017, Latur-Maharashtra-India.
- Attended and Delivered talk on “**Next Generation Human Identification and Verification: Revisiting Biometric Technologies...**” at one State Level Seminar on “Growing Trends in Computer Science and Application” on 4<sup>th</sup> Feb-2017 at St Mira’s College for Girls Pune- Maharashtra-India.
- Attended and Chaired the Session in **International Conference on Recent Trends in Computer Science, Engineering and Technology (ICRACSET-2017)** on 3<sup>rd</sup> Feb-2017, MGM’s Dr. G Y Patrekar College of Computer Application and Information Technology-Aurangabad-Maharashtra-India
- **Chief Guest** for “Aavishkar-V.17” Technical Fest at Bharatesh College of Computer Application, Belagavi on 27<sup>th</sup> Jan-2017.
- Attended and Chaired the Session in **International Conference on Cognition and Recognition (ICCR-2016)** on 30<sup>th</sup> and 31<sup>st</sup> of December, 2016 in MIT Mysore-Karnataka.
- Delivered plenary talk on “**Next Generation Human Identification and Verification: Revisiting Biometric Technologies...**” at UGC Sponsored National Conference on “Current Advances in Human Computer Interaction” on 23<sup>rd</sup> -24<sup>th</sup> December 2016 at COCSIT, Latur-Maharashtra.
- Attended and Chaired the Session at **National Conference on Recent Trends in Computer Science and Applications and Computational Mathematics**” 22<sup>nd</sup> and 23<sup>rd</sup> Dec-2016, Indira College, Pune-Maharashtra.
- Attended and Chaired the Session in First **International Conference on Recent Trends in Image processing and Pattern Recognition(RTIPR)**, 16-17<sup>th</sup> December-2016 organized by Post Graduate Department of Computer Science, Karnataka Commerce College Bidar, Karnataka.
- Delivered special lecture on “**Biometrics for Next Generation: Security Issues and Challenges**” in Post Graduate Department of Computer Science, Karnataka Commerce College Bidar, Karnataka on 6<sup>th</sup> May-2016.
- Delivered special lecture on “**Next Generation Human Identification and Verification**” in Department of Computer Science, Government College, Bidar Karnataka India on 5<sup>th</sup> May-2016.
- Attended and Chaired the Session in UGC Sponsored **National Conference on Recent Trends in Image processing and Pattern Recognition(RTIPR)**, 2<sup>nd</sup>-3<sup>rd</sup>, April-2016 organized by Post Graduate Department of Computer Science, Karnataka Commerce College Bidar, Karnataka
- Delivered talk on “**Research Avenues in Digital Image Processing and Pattern Recognition**”, in Dept of Computer Science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad-India on 18<sup>th</sup> April-2016.

- Delivered special lecture on “**Next Generation Human Identification and Verification: Revisiting Biometric Technologies...**” in Department of Computer Science, Government Institute of Forensic Science, Nagpur -Maharashtra, India on 21<sup>st</sup> March-2016.
- Delivered special lecture on “**Research issues in Digital Image Processing and Machine Vision**,” in Department of MCA, Vachana Pitamaha Dr. P. G. Halkatti College of Engineering and Technology, Bijapur-Karnataka India on 19<sup>th</sup> March-2016.
- Delivered two plenary talks on “**Next Generation Human Identification and Verification: Revisiting Biometric Technologies...**” and “**Research issues in Digital Image Processing and Machine Vision**” at UGC Sponsored National Workshop on Natural Language Processing and Image Processing, in Department of Computer Science, North Maharashtra University, Jalgoan-Maharashtra, India on 21<sup>st</sup>-23<sup>rd</sup> Jan-2016.
- Delivered Talk on “**Research issues in Digital Image Processing and Machine Vision**”, at 4<sup>th</sup> National Conference on Recent Trends in Computer Science and Applications and Computational Mathematics” 16<sup>th</sup> Jan-2016, Indira College, sponsored by Savitribai Pule Pune University, Pune- Pune-Maharashtra- India
- Attended and Chaired the session on “Symposium on network Security and Computer Vision” at **103<sup>rd</sup> Indian Science Congress** held at University of Mysore, Mysore on 03-7<sup>th</sup> Jan-2016
- Jury Member for TECHOGACM-2015 IT QUIZ Competition on 12<sup>th</sup> Dec-2015 held at PG Department of Computer Science, Government College (Autonomous), Mandya Karnataka.
- Attended and chaired in 8<sup>th</sup> IEEE sponsored “National level Technical Contest”-HIT-QUEST-2015 on 10.10.2015 at Hirasugar Institute of Technology, Nidasohi-Belagavi
- Delivered talk in “ **Role of ICT in e-Learning**”, at NAAC sponsored National Conference at B K College, Belagavi- Karnataka on 3<sup>rd</sup> and 4<sup>th</sup> March-2015
- Delivered Talk on “**Revisiting to Biometrics Technologies: Towards the Gender Classification**”, at 3<sup>rd</sup> National Conference on Recent Trends in Computer Science and Applications and Computational Mathematics” 21<sup>st</sup> Feb-2015, Indira College, Pune-Maharashtra.
- Delivered Talk on “**Biometrics Technologies: Limitation and Challenges**”, at National Workshop on Cyber Security and Cyber Crimes, on 15<sup>th</sup> Feb-2015, MIT, CIDCO, Aurangabad, Maharashtra.
- Resource Person for **National Integration Camp-2014-2015** organized by NSS Unit by Rani Channamma University in association with Youth Empowerment and Sports Department from 4<sup>th</sup> Feb-10<sup>th</sup> Feb-2015
- Delivered talk on “**Research Methodology**” on 24.11.2014 in the PG Department of Political Science, Government College (Autonomous), Mandya Karnataka.
- Delivered talk on “**Image Understanding**”, in Dept of Computer Science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad-India under industrial lecture series on 11<sup>th</sup> Oct-2014.
- Delivered talk on “**Scope for Research in Digital Image Processing and Pattern Recognition**”, in Dept of MCA, Sinhgad Institute of Business Administration and Research, Kondhwa, Pune on 10<sup>th</sup> Oct-2014.
- Delivered talk on “**Image Processing and Its Applications**” at UGC sponsored National conference on “Machine Learning and Pattern Recognition “held on 1<sup>st</sup> and 1<sup>nd</sup> February-2014, C. B. College, Bhalki, Dist Bidar-Karnataka
- Delivered talk on “**Biometrics Technologies: Limitation And Its Future Challenges**” at UGC sponsored National Workshop on “Matlab and Its Applications” held on 17<sup>th</sup> and 18<sup>th</sup> January-2014, G.S.S Degree College, Belgum-Karnataka
- Delivered talk on “**Fundamentals of Research in Computer Science**” on 12.10.2013 in the PG Department of Computer Science, Karnataka Commerce College, Bidar-Karnataka
- Delivered Talk on “ **Automatic Scene Text Recognition in image: Applications to Blind Persons**”, at National Conference on Recent Trends in Computer Science and Applications and Computational Mathematics” 21-22<sup>nd</sup> Dec-2012, Indira College, Pune-Maharashtra
- Delivered talk on “**Image Processing Using MATLAB**”, in Dept of Computer Science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad-India under industrial lecture series on 02<sup>nd</sup> August-2012
- Delivered talk on “**Future Trends of Biometrics and its Challenges**” and “ **Role of Mathematical tool in Digital Image Processing**” 2<sup>nd</sup> Refresher Course in Mathematical Science from 9<sup>th</sup> to 29<sup>th</sup> January 2012, Academic Staff College, University of Mysore-Mysore-Karnataka
- Delivered talks on “**Role of IT in Research**” and “**E-learning through ICT**” at Training Institute, Mysore for “Teacher Empowerment Training for Asst. Professor of Government. First Grade Colleges Mysore



Region” from 01-05-2011 to 07-05-2011 organized by Karnataka Knowledge commission and Regional Directorate of Collegiate Education, Mysore-05.

- Delivered talks on “**Role of IT in Research**” and “**E-learning through ICT**” at Training Institute, Mysore for “Teacher Empowerment Training for Asst. Professor of Government. First Grade Colleges Mysore Region” from 03-09-2011 to 09-09-2011 organized by Karnataka Knowledge commission and Regional Directorate of Collegiate Education, Mysore-05.
- Delivered talk on” **Basic Research Concepts**” at National Conference on UGC Sponsored “Recent Trends in Information Technology ” 6th and 7th March-2011 , Conducted by Dept of Computer Science C. B College, Bhalki, Dist Bidar-Karnataka
- Delivered talk on “**Biometrics and its Application**” in “Science day” at Government College for Women Mandya on 3rd March-2010.
- Delivered talk on” **Basic Research Concepts**” at National Conference on “Emerging Trends in Computer Application” 18-19th Feb-2010, Conducted by Dept of MCA, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad-India
- Delivered talk on “**Basic Research Concepts**” for PG students [Physics] at Government College[Autonomous], Mandya on 05th April-2009
- Delivered talk on “**Biometrics and its Application**” in Science forum NDRK College, Hassan Karnataka on 17th March-2009.
- Delivered talk on “**Biometrics and its Application**” in Sharada Vilas College, Mysore- Karnataka on 9th April-2009
- Delivered talk on “**Research Concepts**” and “**Biometrics and its Application**” at 81st Orientation Programme Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University Aurangabad-Maharashtra on 17th and 18th Feb-2010

## MEMBER OF PROFESSIONAL /ACADEMIC BODIES

### Professional Bodies

- ❑ **Member** of International Computer Science and Engineering Society (ICSES)(4041)
- ❑ **Life Member** of Indian Society of Criminology, Chennai-India ( LM 1861)
- ❑ **Life Member** of The Indian Society for Technical Education(ISTE), New Delhi (MID-LM121715)
- ❑ **Member** International Biometric Society (IBS)-Indian Region (IBS Member ID number is 1291895) for the academic year 2017-18
- ❑ **Member** of Association for Computing Machinery(ACM) Advancing Computing as a Science & Profession ( Membership No. 6840456)
- ❑ **Sectional Committee Member** of the section Information Communication Science and Technology (including Computer Science) for 2016-17 (104th Session of the Indian Science Congress).
- ❑ **Life Member of Indian Red Cross Society**, Belagavi District (Membership No.4004):
- ❑ **Associate Member** of Universal Association of Computer and Electronics Engineers (UACEE)-IRED (Membership No. AM1010002791) from 3<sup>rd</sup> Feb-2015 to 3<sup>rd</sup> Feb, 2018.
- ❑ **Life Member** of Indian Unit for Pattern Recognition and Artificial Intelligence, Indian Statistical Institute Calcutta (L098)
- ❑ **Fellow** of Institute of Electronics & Telecommunication Engineers (IETE), New Delhi (No. F176008).
- ❑ **Member** of International Association of Engineers (IAENG), Hong Kong (No. 62478)
- ❑ **Student Member** of Institute of Electrical and Electronics Engineer (IEEE) (No.806166593).
- ❑ **Member** of ACM-Computer Science Teachers Association (ACM-CSTA/USA) {Order No 8549721 / Membership No. 6840456}
- ❑ **Member** of Indian Association for Research in Computer Science (IARCS), Tata Institute of Fundamental Research (TIFR), Mumbai
- ❑ **Member** of International Association of Computer Science and Information Technology (IASCSIT) Singapore (Membership No. 80331312)
- ❑ **Life Member** of Computer Society of India, Mumbai (No.01069229)
- ❑ **Life Member** of Indian Science Congress Association (No.L16598) Kolkata-India

- ❑ **Life Member** of Government. First Grade College Teachers Association of Karnataka(KGCTA), Bangalore (No.2686/2011-12)
- ❑ **Member:** IASTED: International Association of Science and Technology and Development [www.iasted.org/TC.aspx](http://www.iasted.org/TC.aspx)
- ❑ **Board Members** - International Association of Scientific Innovation and Research : [www.iasir.net/boardmembers.html](http://www.iasir.net/boardmembers.html)

#### Evaluation of Dissertation @ Various Universities (Ph.D./M.Phil /M.Tech./ M.Sc.)

- University of Mysore, Mysuru, Karnataka- India
- Sant Gadage Baba University, Amravati, Maharashtra-India
- Rashtra Sant Tukadoji Maharaj Nagpur University, Nagapur, Maharashtra-India
- Savitribai Phule Pune University, Pune, Maharashtra-India
- Tilak Maharashtra Vidyapeeth, , Maharashtra-India
- North Maharashtra University, Jalgaon, Maharashtra-India
- Veer Narmad Saurashtra University(VNSGU), Surat, Gujrat
- Shivaji University, Kholapur, Maharashtra-India
- University of Bangalore, Bangalore, Karnataka- India
- Bharati Vidyapeeth, Pune , Maharashtra-India
- Vishvesharayya Technological University, Belagavi(VTU), Karnataka- India
- Karanataka University, Dharwad, Karnataka- India
- Bharati Vidyapeeth, Pune, Maharashtra-India
- Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, , Maharashtra-India
- Central University of Hyderabad, Telangana-India
- Swami Ramanand Teerth Marathwada University, Nanded-Maraharshtra
- Gurunanak Dev University, Amritsir-Punjab

#### **SERVED IN NATIONAL COMMITTEES**

- Member of BoA(Board of Appointment)
  - Rani Channamma University, Belagavi
  - Karnataka University, Dharwad
  - Advisor to UPSC New Delhi
  - Assessor for NAAC, Bangalore

#### **Academic Bodies**

- ❑ Working as **Academic Council Member** of Rani Channamma University, Belagavi for next two academic year (2020-21 and 2021-22)
- ❑ Member of BOS in Computer Science and IT MGM University, Aurangabad Maharashtra
- ❑ Working as a **Member of BOS /Doctoral Committee /Departmental Council** in Computer Science/Application, Department of Computer Science Rani Channamma University, Belagavi-Karnataka
- ❑ Worked as a **Chairman Departmental Council** in Computer Science/Application, Department of Computer Science Rani Channamma University, Belagavi-Karnataka (2016-17 to 2019-20)
- ❑ Worked as a **Chairman of BOS /Doctoral Committee** in Computer Science/Application, Department of Computer Science Rani Channamma University, Belagavi-Karnataka (2017-18, 2018-19)
- ❑ Working as a **BOS Member in** Computer Science, Karnataka University, Dharwad, Dharwad for Next Two Academic Year (No.KU/Syndicate/BOS/PG/38/2019-20/1217 Dated 19-09-2019)
- ❑ Working as BOS Member, Mandya University, Mandya(MU/BOS-Computer Science/13/19-20 Dated 02-07-2019.
- ❑ Worked as External LIC Member for Gulbaraga University, Gulbarga 26-27<sup>th</sup>, March-2019
- ❑ Working as a **BOS Member in** Computer Science, Raja Lakmanagoud Science College (Autonomous), for UG Programme Under Rani Channamma University, Belagavi for the academic year 2016-17 to 2017-18
- ❑ Working as a **BOS Member** in computer Science, Davangere University, Davangere (2017-18 on wards for 03 Years)

- ❑ Working as a **BOE member** in Computer Science, Gulbarga University, Kalburgi for the academic year 2016-17.
- ❑ Working as a **BOS Member** in Computer Science [UG and PG] of Government College(Autonomous) Mandya-Karnataka for the academic year 2015-16 and 2016-2017
- ❑ Worked as a **BOE member** in Computer Science, Gulbarga University, Kalburgi for the academic year 2015-16.
- ❑ Worked as a **BOS Member in** Computer Science, Lingaraj College (Autonomous), Under Rani Channamma University, Belagavi for the academic year 2014-15 to 2015-16
- ❑ Worked as a **BOE member** in Computer Science, Kuvempu University shankaragatta, Shivamogga for the academic year 2014-15.
- ❑ Worked as a **BOS Member in** Computer Science/Application, Department of Computer Science Sholapur University, Sholapur, Maharashtra from the academic year 2013-14 to 2014-15
- ❑ Worked as a **Academic Council Member** of Government College(Autonomous) Mandya-Karnataka from academic year 2009-10 to 2012-2013
- ❑ Worked as a **BOS Chairman in M.Sc.[Computer Science]** Government College(Autonomous) Mandya-Karnataka up to 03.09.2013. Now presently Member.
- ❑ Worked as a **BOS Member in “Network Security and Network Administration(CB)”** University of Mysore, Mysore for 2013-2016 (03 Yrs)
- ❑ Worked as a **BOS Member in M.Sc.[Computer Science]** JSS College(Autonomous), Ooty Road, Mysore for the two academic year 2010-11 and 2011-12
- ❑ Worked as a BOE Chairman M.Sc.[Information Technology], MCA Dept of IT, KSOU, Mysore for the academic year 2010-11 and 2011-12
- ❑ Working as a BOS Member in Computer Science[UG] Yuvaraja’s College, Mysore for the academic year 2009-10 and 2010-11
- ❑ Working as a BOE Member M.Sc. in Computer Science, JSS College(Autonomous), Ooty Road, Mysore
- ❑ Worked as a Member BOS and BOE in Computer Science/Computer Application for B.Sc./BA/BBM/BCA at Government College (Autonomous) Mandya-Karnataka from 2009 to 03.09.2013.
- ❑ Worked as a BOE Member M.Sc. in Computer Science (I to IV Sem) , Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.2006-2007, 2007-2008
- ❑ Worked as a BOE Member, Chairman in Computer Science / Applications at undergraduate level (B.A/B.Com./B.Sc.) Gulbarga University Gulbarga 2002-03, 2003-04.
- ❑ Worked as a BOE Member, in Computer Science/Applications at undergraduate level (B.C.A) Gulbarga University Gulbarga- 2004-2005.
- ❑ Worked as a BOE Chairman in Computer Science/Applications at undergraduate level (B.A/B.Com) Gulbarga University Gulbarga- 2004-2005
- ❑ Worked as a BOE Member in Computer Science/Applications at undergraduate level (B.A/B.Com) Gulbarga University Gulbarga- 2005-2006

#### OTHER ACADEMIC ACTIVITIES

- Working as a **Director, IQAC** Rani Channamma University, Vidya Sangama, PBNH4-Belagavi – Karnataka from **19.12.2018** to till date (Additional Charge).
- Working as a **“E-governance Nodal Officer”**, Rani Channamma University, Belagavi
- Working as Review Editor Frontiers in Big Data - Medicine and Public Health
- Working as Topic Editor Frontiers in Big Data “ Biometric Data Analysis: Applications and Future Trends in e-Security and e-Health
- Member of RUSA(Rashtriya Uchatara Shikshan Abhiyan), Rani Channamma University, Belagavi
- Member of 7th, Pay Statute/Ordinance Drafting Committee, Rani Channamma University, Belagavi ( RCU/Belagavi/RO/Academic/19-20 220 Dated 22-04-2019.
- Worked as a **Deputy Registrar(DPAR)**, Rani Channamma University, Vidya Sangama, PBNH4-Belagavi –Karnataka from **16.11.2015** to **18.12.2018** (Additional Charge)

- Worked as **AISHE Nodal Officer** of Rani Channamma University, Vidya Sangama, PBNH4-Belagavi – Karnataka.
- Worked as an Observer **Maharashtra SLET**, University of Pune, Pune
- Worked as BOE Member for **Maharashtra SLET**, University of Pune, Pune
- Worked as a **Deputy Registrar**, Rani Channamma University, Vidya Sangama, PBNH4-Belagavi – Karnataka from **12.12.2014** to **29.01.2015** (Additional Charge)
- Worked as a **Deputy Registrar(Evaluation)**, Rani Channamma University, Vidya Sangama, PBNH4-Belagavi –Karnataka from **21.09.2013** to **11-12-2014** (Additional Charge)
- Worked as a **Controller of Examinations (COE)** of Autonomous College from **01-04-2009** to **03.09.2013** in Government College, (Autonomous), Mandya(Additional charge)
- Worked as **Coordinator for UGC Sponsored** Three Days National Workshop on “Digital Image Processing and Pattern Recognition” conducted by Department of Computer Science, Government College[Autonomous], on 03rd-05th Nov-2011
- Guest Editor for the Special Issue” Multimodal Biometric Data Analysis”, International Journal of Data Science and Analysis(IJDSA), ISSN 2575-1183(P), 2575-1891100
- Editorial Board Member for American Journal of Science, Engineering and Technology (<http://www.ajset.org>) since January 20, 2019.
- Worked as a Technical Committee Member, IEEE Sponsored International Conference on Computational Techniques, Electronics and Mechanical System, 21-23<sup>rd</sup> Dec-2018, KLS Gogate Institute of Technology, Belagavi-Karnataka- India.
- Worked as Technical Committee Member, IEEE Sponsored International conference on Communication, Computing and Internet of Things, 15-17<sup>th</sup> Feb-2018, Sri Sai Ram Engineering College, Chennai-India.
- Worked as Technical Committee Member, IEEE Sponsored 4<sup>th</sup> International conference on Applied and Theoretical Computing and Communication Technology, 6-8<sup>th</sup> Sept-2018, AIET, Mangalore, Karnataka-India
- Worked as Technical Committee Member International Conference on Emerging Information and Communication Technology Solutions for, Digital Transformation (EICTSDT-2018) by Organized by, Symbiosis Institute of Computer Studies and Research, 8 - 9, March 2018, Pune-India
- Worked as Technical Program Committee : National Workshop on New Innovations in Cloud Computing for Big Data Applications December, 19, 2015: [http://kascc.in.net/wp-content/uploads/2015/12/Big\\_Data.pdf](http://kascc.in.net/wp-content/uploads/2015/12/Big_Data.pdf)
- Worked as Technical Program Committee : The International Conference on Information Science and Technology [www.icist2016.org/?op=committee](http://www.icist2016.org/?op=committee), August 13-14<sup>th</sup> August-2016, China
- Technical Program Committee : IEEE2nd International conference on Applied and Theoretical Computing and Communication Technology, (iCATccT) [icatcct.org/tpc.htm](http://icatcct.org/tpc.htm), 21-23 Ju;y-2016 SJBIT, Bangalore,
- Worked as Technical Program Committee: International Conference on Recent Trends in Image Processing & Pattern Recognition (RTIP2R) [rtip2r.org/committees.htm](http://rtip2r.org/committees.htm), Dec, 16-17, 2016, Bidar, Karnataka, INDIA.
- Worked as Technical Program Committee: IEEE International Conference on Computer Communications10-15, <http://infocom2016.ieee-infocom.org/committee/tpc-members>, 10-15 April 2016 San Francisco, CA, USA
- Worked as Technical Program Committee: The 1st EAI International Conference on Future Intelligent Vehicular Technologies, <http://future5v.org/2016/show/prog-com>, September 15–16, 2016, Porto, Portugal.
- Worked as *Technical Committee Member* : ISARC2016 :Auburn, Alabama, USA, July 18th - July 21st, 2016: [www.isarc2016.org/technical-committee-members.html](http://www.isarc2016.org/technical-committee-members.html), Auburn, Alabama, USA,
- Worked as *Technical Committee Member* : 4th EAI International Conference on Context-Aware Systems and Applications November 26–27, 2015, Vung Tau, Vietnam <http://iccasa.org/2015/show/prog-com>.
- Worked as Technical Committee Member: ICFCIDS 2016 : 18th International Conference on Financial Cryptography, Information and Data Security Prague, Czech Republic July 7 - 8, 2016, <https://www.waset.org/conference/2016/07/prague/ICFCIDS/committees.>,

- Worked as Technical Committee Member : ICBF 2014 : 16th International Conference on Biometrics and Forensics :Istanbul, Turkey February 17 - 18, 2014  
<https://www.waset.org/conference/2014/02/istanbul/ICBF/committees>.
- Worked as Technical Committee Member : ICFCIDS 2015 : 17th International Conference on Financial Cryptography, Information and Data Security, Vienna, Austria June 21 - 22, 2015  
<https://www.waset.org/conference/2015/06/vienna/ICFCIDS/committees>.
- Worked as Technical Committee Member : ICCAIP 2015 : 17th International Conference on Computer Analysis of Images and Patterns: Paris, France May 18 - 19, 2015  
<http://www.waset.org/conference/2015/05/Paris/ICCAIP/committees>
- Worked as Technical Committee Member : ICBSIV 2016 : 18th International Conference on Biomedical Signal, Image and Vision Rome, Italy, September 15 - 16, 2016  
<https://www.waset.org/conference/2016/09/rome/ICBSIV/committees>
- Worked as *Technical Committee Member* : 18th IEEE International Conference on Intelligent Transportation Systems, September 15-18, 2015, [www.itsc2015.org/international-technical-committee](http://www.itsc2015.org/international-technical-committee)
- Worked as Technical Committee Member for International Conference on Key Engineering Materials (ICKEM 2011) Sanya, China. March 25-27, 2011 ([www.ickem.org](http://www.ickem.org))
- Worked as Technical Committee member of 2nd International Conference on Information and Financial Engineering ICIFE 2010 Shenzhe China. October 18-19, 2010 ([www.icife.org](http://www.icife.org))
- Worked as Programme/Technical Committee Member for National Conference on “Pattern Recognition and Digital Image Processing” 12-13th Feb-2010, conducted by Dept of Computer Science, Karnataka Commerce College Bidar-Karnataka-India
- Worked as Programme/Technical Committee Member for National Conference on “Emerging Trends in Computer Application” 18-19th Feb-2010, Conducted by Dept of MCA, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad-India
- Worked as a Coordinator UGC Sponsored Career Oriented Programme on Computer Networking (2 years) in Government College, (Autonomous), Mandya.(2009-10 and 2010-11)
- Worked as a Organizing Member of International Conference Advances Vision and Information Technology,16-19th Dec-2009(ACVIT-2009),Aurangabad-India ([www.acvit.org](http://www.acvit.org))
- Worked as a Technical Member of International Conference ICCMS-2009
- Worked as a Technical Member of International Conference ICFME-2009.
- Worked as Co-chair for National Conference on “Recent Trends in Information Technology(RTIT-2009)” to held in 4-5th September 2009 at Government College Mandya
- Worked as Coordinator and conducted the Mysore University level undergraduate written quiz on “Programming in C” on 18-02-2009 at Government. College Mandya
- Worked as Coordinator and conducted the Ten days Orientation programme in “Information Technology” for College Teachers during 04:08:2008 to 14:08:2008 at Government College Mandya
- Working as Editorial Board Member in International Journal Bioinformatics and Soft Computing (IJBSC) [www.serialspublications@vsnl.net](mailto:www.serialspublications@vsnl.net), [www.serialspublications.com](http://www.serialspublications.com)
- Working as a Editorial Advisory Board Member in International Journal of Computational Biology [www.serialspublications@vsnl.net](mailto:www.serialspublications@vsnl.net), [www.serialspublications.com](http://www.serialspublications.com)
- Working as a Editorial Advisory Board Member in International Journal of Computer Science and Application (IJCSA) ISSN 0974-0767
- Worked as a Programme Committee Member of National Conference on Advancement in Information Technology and Internet Security, SIBAR Pune 4-5 Jan, 2008
- Worked as **Organizing Member of International Conference** Advances Vision and Information Technology,28-30th 2007(ACVIT-2007),Aurangabad-India ([www.acvit.org](http://www.acvit.org))
- Working as **Editorial Board Member in International Journal on Computer Science and Information Technology**. [www.serialspublications@vsnl.net](mailto:www.serialspublications@vsnl.net), [www.serialspublications.com](http://www.serialspublications.com)
- Member of **Editorial Review Board** Journal of Information, Information Technology and Organizations (JIITO) Published by the Informing Science Institute 131 Brook hill Court, Santa Rosa, California 95409 USA. [ISSN 1557-1319 (print); 1557-1327 (online); 1557-1335
- Worked as a **Co-convener of National Conference** on “Emerging Trends in Information Technology(eIT2007), 29th - 30th September, 2007, VIIT, Baramati (MS)-India

- Worked as a **Convener of National Conference** on “Emerging Trends in Information Technology(eIT2006), 29th -30th September, 2006, VIIT, Baramati (MS)-India

## List of International Journal Publications (Scopus Indexed/IEEE/Peer-Reviewed/UGC Care Listed)

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1. “Handwritten Signature Biometric Data Analysis for Personality Prediction System Using Machine Learning Techniques”, Transactions on Machine Learning and Artificial Intelligence - Vol. 9, No. 5 Publication Date: October, 25, 2021 DOI:10.14738/tmlai.95.10808, Services for Science and Education – United Kingdom
2. “Behavioral Biometric Data Analysis for Gender Classification using Feature Fusion and Machine Learning”, - Frontiers in Robotics and AI, 2021 – Frontiers: DO: 10.3389/frobt.2021.685966
3. “Identification of region of interest for assessment of knee osteoarthritis in radiographic images”, International Journal of Medical Engineering and Informatics, Volume, 13 Issue, 1, Pages, 64-74, Inderscience Publishers (IEL)-2021, <https://doi.org/10.1504/IJMEI.2021.111866>
4. A Comprehensive Digital Knee X-ray Image Dataset for the Assessment of Osteoarthritis JSM Biomed Imaging Data Pap 6(1): 1012 (2020) A Comprehensive Digital Knee X-ray Image Dataset for the Assessment of Osteoarthritis ([jscimedcentral.com](http://jscimedcentral.com))
5. “Automatic Detection and Classification of Knee Osteoarthritis Using Hu’s Invariant Moments”, Front. Robot. AI 7: 591827. doi: 10.3389/frobt.2020.
6. “Digital Knee X-ray Images”,- 2020 Mendeley Data, V1, doi: 10.17632/t9ndx37v5h.1 <http://dx.doi.org/10.17632/t9ndx37v5h.1>
7. “Multimodal Biometrics Data Analysis for Gender Estimation Using Deep Learning”, International Journal of Data Science and Analysis. Special Issue: Multimodal Biometric Data Analysis., Volume, 6, Issue, 2, Pages 64-68, 2020/5/20, <http://www.sciencepublishinggroup.com/j/ijdsa> doi: 10.11648/j.ijdsa.20200602.11 ISSN: 2575-1883 (Print); ISSN: 2575-1891 (Online)
8. “A Comprehensive Digital Knee X-ray Image Dataset for the Assessment of Osteoarthritis”, JSM Biomed Imaging Data Pap 6(1): 1012., October-2020, ISSN: 2476-2040
9. “Early Detection of Osteoarthritis based on Cartilage Thickness in Knee X-ray Images”, International Journal of Image, Graphics and Signal Processing(IJIGSP) ISSN: 2074-9074 (Print), ISSN: 2074-9082 (Online)PP.56-63, IJIGSP Vol. 11, No. 9, Sep. 2019 DOI: 10.5815/ijigsp.2019.09.06.
10. “Multimodal Biometrics Data based Gender Classification Using Machine Vision”, International Journal of Innovative Technology and Exploring Engineering(IJITEE), ISSN: 2278-3075, Volume-8 Issue-11, September 2019, Retrieval Number J96730881019/2019@BEIESP DOI: 10.35940/ijitee.J9673.0981119,<https://www.ijitee.org/wpcontent/uploads/papers/v8i11/J96730881019.pdf>.
11. “ Detection of Osteoarthritis in Knee Radiographic Images sing Artificial Neural Network”, International Journal of Innovative Technology and Exploring Engineering(IJITEE), ISSN: 2278-3075, Volume-8 Issue-12, October-2019, Retrieval Number L30111081219/2019@BEIESP DOI: 10.35940/ijitee.L3011.1081219.
12. “Fusion of Features and Synthesis Classifiers for Gender Classification using Fingerprints”, International Journal of Computer Sciences and Engineering, Vol. 07. Issue 05, PP: 526-533,2019, DOI: <https://doi.org/10.26438/ijcse/v7i5.526533> | Available online at: [www.ijcseonline.org](http://www.ijcseonline.org)
13. “Content Based Video Retrieval for Indian Traffic Signage’s”, International Journal of Computer Sciences and Engineering, Vol. 07. Issue 05, PP: 14-20, 2019, DOI: <https://doi.org/10.26438/ijcse/v7i5.526533> | Available online at: [www.ijcseonline.org](http://www.ijcseonline.org)
14. “Analysis of Multi-modal Biometrics System for Gender Classification Using Face, Iris and Fingerprint Images”, International Journal of Image, Graphics and Signal Processing (IJIGSP), Vol. 11, Issue-5, PP: 34-43, 2019 <http://www.mecs-press.org/ijigsp/ijigsp-v11-n5/IJIGSP-V11-N5-4.pdf>
15. “Analysis and Detection of Content based Video Retrieval”, International Journal of Image, Graphics and Signal Processing (IJIGSP), Vol. 11, Issue-3, PP: 43-57, DOI:10.5815/ijigsp.2019.03.06, 2019.

16. "Study of Segmentation Techniques for Assessment of Osteoarthritis in Knee X-ray Images", International Journal of Image, Graphics and Signal Processing, 2019, 2, 48-57 Published Online February 2019 in MECS (<http://www.mecspress.org/>) DOI: 10.5815/ijigsp.2019.02.06.
17. "Fusion of Local Binary Pattern and Local Phase Quantization features set for Gender Classification using Fingerprints", International Journal of Computer Sciences and Engineering, Vol.-7, Issue-1, Jan 2019 E-ISSN: 2347-2693. PP: 22-29.
18. "Fusion of Gabor Wavelet and Local Binary Patterns(LBP) Features sets for Gender Identification using Palm prints", International Journal of Imaging Science and Engineering(IJISE), Published by International Technology Foundation of Research (ITFR) ISSN: 1934-9955 Vol. 10, Issue-2, June-2018 PP: 1-6.
19. "Detection and Classification of Signage's from Random Mobile Videos Using Local Binary Patterns", International Journal of Image, Graphics and Signal Processing(IJIGSP), Vol.10, No.2, pp. 52-59, 2018.DOI: 10.5815/ijigsp.2018.02.06
20. "Determination of Osteoarthritis Using Histogram of Oriented Gradients and Multiclass SVM", International Journal of Image, Graphics and Signal Processing (IJIGSP), Vol.9, No.12, pp. 41-49, Dec-2017.DOI: 10.5815/ijigsp.2017.12.05.
21. "Fingerprint Based Gender Classification Using Local Binary Pattern", International Journal of Computational Intelligence Research ISSN 0973-1873 Volume 13, Number 2 (2017), pp. 261-271 © Research India Publications <http://www.ripublication.com>
22. "Tumor Cell Identification In Medical Images Using Image Processing Techniques", Global Journal Of Advanced Engineering Technologies And Sciences, ISSN 2349-0292, PP: 13-17-3(10), Oct-2016.
23. Statistical Features based Gender Identification using SVM". IJSRD || National Conference on Advances in Computing and Communications || October 2016
24. "Fingerprint based Gender Identification using Discrete Wavelet Transform and Gabor Filters", International Journal of Computer Applications (0975 – 8887) Volume 152 – No.4, PP-34-37, October-2016
25. Detection of Osteoarthritis using Knee X -Ray Image Analyses: A Machine Vision based Approach", International Journal of Computer Applications (0975 – 8887) Volume 145 No.1, July 2016-DOI: 10.5120/ijca2016910544.
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## BOOKS

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2. **Editor, Proceedings of Second National Conference** on "Emerging Trends in Information Technology (eIT2007), 29th -30th September, 2007, VIIT, Baramati (MS)-India: ISBN: 978-81-89866-63-1 IK International Publisher, New Delhi-India.
3. **Editor, Proceedings of UGC Sponsored National Conference** on "Recent Trends in Information Technology (RTIT-2009), 4th -5th September, 2009, Government. College, Mandya (Autonomous), Karnataka (India) ISBN 978-93-80026- 82-4, IK International Publisher, New Delhi-India.
4. **Editor Special Issue on Digital Image Processing and Pattern Recognition (DIPPR-2011)** 3-5th Nov-2011, International Journal of Machine Intelligence ISSN: 0975-2927; E-ISSN:0975-9166.
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## SUBJECT TAUGHT IN UG/PG

- ❖ Information Technology & Programming Methodology (ITPM).

- ❖ System Analysis and Design (SAD),
- ❖ Analysis of Design and algorithms(ADA),
- ❖ Software Project Management and Information Technology (SPM&IT),
- ❖ Programming in C and Data Structure,
- ❖ Operating Systems (OS),
- ❖ Microprocessor and its Architecture,
- ❖ Web Programming,
- ❖ Software Engineering,
- ❖ Database Management Systems
- ❖ Digital Image Processing, etc.

## ROLE AND RESPONSIBILITIES

- As Deputy Registrar (Evaluation), Rani Channamma University, Belagavi, key role to implement the Online Examination Activity-OASIS under which, Admission Process, Examination Application form/Admission Card, Question paper indent generation, Student appearing list, bundle dispatch statement college wise QP indent, Internal Assessment and practical marks entry, Theory Absent entry, Result statement and ledger to the colleges, Revaluation and re-totaling applications are to be incorporated. And also key role to have teachers database of RCU, Belagavi.
- Actively engaged in the various committees in the University Campus like:
  - Member of Local Inquiry Committee(LIC),
  - Member of Cultural activities etc.
  - Member of IQAC and NAAC committee
  - Member of Admission Committee
  - Member of Staff Approval (Affiliated to RCU, Belagavi)
  - Member of Advisory Board for “Computerization of Examination System” of RCU Examination Branch
  - Chairman, Technical Committee, Rani Channamma University, Belagavi.
  - Member of the Cultural Activities
  - Member of Planning and Evaluation Committee.
- Controller of Examinations (COE) of Autonomous College from 01-04-2009 to 03.09.2013 in Government College, (Autonomous), Mandya.
- HOD of Computer Science Government College Mandya, VIIT Baramati, CB College Bhalki.
- Convener for Campus Network and Computerization of Examination System, Government College Mandya (worth of Rs7 lakhs).
- Developed the department with high tech Infrastructure established in the C.B. College, Bhalki, VIIT Baramati-Maharashtra and Government College [Autonomous], Mandya.
- Initiation to start the B.C.A and M.Sc. [Computer Science] Courses in the Government College [Autonomous], Mandya.
- Key role in getting UGC Fund to Start Career Oriented Programme (COP) in Computer Networking under Science stream in Government College [Autonomous], Mandya (worthRs10 Lakhs.)
- Initiative taken to start certificate courses in computer science for both students and teachers.
- Key role to implement the CBCS pattern for PG courses in the College.
- Actively engaged in the various committees in the College like Research and Development Committee, Planning and Evaluation Committee, Admission Committee etc.

## PLANS FOR THE NEXT FIVE YEARS:

- Adopting and offering good advancement potential in academics, research and development among the students.
- Preparing the course notes/study material and which is made available through intra web support, which implies enhancing connectivity, intra web server and browsing facilities in the campus.
- Creating awareness among the students for research bent of mind to establish a strong research culture in the department.
- Initiation to start Integrated, Certificate and Diploma courses in the department.
- Putting effort for overall development of the students like their personality development, Communication Skill etc.
- Planning to visit Infosys and Wipro campuses to provide industrial touch to the students.

- Conducting Seminar conferences and special lectures in the department.
- Engaging some special classes for preparation of Competitive exams like NET and SET.
- Giving training to the Teaching and Nonteaching faculty members and also Non Computer students to strengthen the Knowledge in the Computer Science and Information Technology.
- Initiating ICT awareness programmes to rural masses.
- IT Awareness programmes for school children of rural background.
- Office automation-towards the paperless work
  - Online student grievance system
  - Student exam results/academic status through mobile SMS
  - Online question paper transmission / delivery
  - Online Convocation registration.

## REFERENCES

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I hereby declare that the information provided is true to the best of my knowledge and belief.

Place: **Belagavi**

Date: 2<sup>nd</sup>, Oct-2021

Signature  
(Dr. Shivanand S. Gornale)