



Dr. ARUN BIRADAR

Ph.D. in Computer Science & Engineering

A motivator and quality educator dedicated to guiding students while inspiring an insatiable passion for learning with extensive experience in teaching, administration & management of university/ organizational activities.

Key Skills

Teaching & Mentoring

Administration

Curriculum Development

Academic Excellence Planning

Educational Assessment

Research & Development

Classroom/Students Management

Workshops/ Conference/
Publications

Educational Leadership

Soft Skills

Communicator
Motivational Leader

Strategic Thinker

Collaborative

Team Player

Innovative

Education

Ph.D. in Computer Science & Engineering from Shri Guru Gobind Singh Institute of Engineering & Technology (SGGSIE&T) Nanded, Maharashtra, India, Swami Ramanand Teerth Marathwada University, Nanded, Maharashtra, India in 2014.

M.Tech. in Software Engineering from Sri Jayachamrajendra College of Engineering, University of Mysore, Mysore in 1999.

BE in Computer Science & Engineering from Rural Engineering College, Gulbarga University in 1994.

Profile Summary

- An esteemed professional offering **25 years** of impeccable career in **working with various group of institutions/universities** with pioneering experience in achieving student's growth objectives across India & Overseas in **teaching & mentoring, curriculum development, training & development and student's management.**
- Actively involved in supervising and managing planning & development as well as directing the day-to-day & associated operations of the academic institutions/universities as an extension work.
- Showcased proven excellence in **teaching undergraduate, postgraduate & research students** in core Computer Science and Engineering subjects and other latest subjects.
- Displayed ground-breaking efforts in propelling academic responsibilities; managed the administrative activities entailing **research works, paper presentations, exams, projects, workshops, seminars & conferences.**
- Ability to assess & generate creative and innovative approaches to educate & guide students on **key research areas** covering Wireless Ad-hoc Networks, Computer Networks, Software Engineering, Genetic Algorithms, Machine Learning, IoT and Cloud Computing with focus on engaging & motivating students to learn & excel.
- Impressive success in **preparing lecturers**, ensuring formulation of accurate, informative, **relevant study material** with quickly **sizing up the assignments**, setting priorities, creating a timeline and **delivering lectures of high quality content** for students within defined timeframes.
- Experience of facilitating students by using **interactive discussions** & "hands-on" approaches to help students learn and apply concepts in Computer Science subjects.
- Capable of **evaluating curriculum**, teaching methods & programs, setting educational standards & goals, adhering to educational quality management systems, respecting & nurturing their creative potential while building an environment that **maximizes student learning**, academic performance & social growth.
- Result oriented team leader with excellent communication with exceptional interpersonal, problem solving, leadership, team-building & presentation skills.

Achievements:

- AICTE FUNDED PROJECT:** Principal Investigator of AICTE-Project: Rs. 8.95 Lakhs,
- Ph. D. Guided: 03** (Completed Under Visvesvaraya Technological University, Belagavi, Karnataka, India).
- Ph. D. Guiding: 05** (Visvesvaraya Technological University, Belagavi, Karnataka, India).
- PATENTS : 02**
- Book : 01**

IT Skills

- 📁 **Operating Systems:** UNIX, Linux, MS-DOS, UBUNTU & Windows.
- 📁 **Programming Languages:** C, C++, PASCAL, COBOL, PROLOG, JAVA, Python.
- 📁 **RDBMS and GUI:** Oracle, Visual Basic and Developer 2000.
- 📁 **Simulation Tools:** NS2 & QualNet.



Professional Affiliations & Associations

- 📁 Life Member of Indian Society for Technical Education (ISTE) : LM-38497.
- 📁 Life Member of Computer Society of India (CSI) : 00149379
- 📁 Life Member of The Institute of Engineer, India (IEI): M-1557224
- 📁 Iaeng, International Association of Engineers Member: 215546
- 📁 IEEE Member

Work Experience

Since Aug' 2021 with School of Computer Science & Engineering, REVA University, Bengaluru, as Professor

Since Jan' 2021 - Jul'2021 with Department of Computer Science & Engineering, AMC Engineering College, Bengaluru, as Professor

Aug'2019 - June 2020 with Department of Computer Science & Engineering, CMR University, Bengaluru, as Professor & Director

Oct'2011- Aug'2019 with Department of Computer Science & Engineering, East West Institute of Technology (EWIT), Bengaluru, Affiliated to Visvesvaraya Technological University, Belagavi, Karnataka, India as Professor & Head

Oct'2008-Oct'2011 with Department of Computer Science & Engineering, Kammavari Sangham Institute of Technology (KSIT), Bengaluru, Affiliated to Visvesvaraya Technological University, Belgaum, Karnataka, India as Professor & Head

Jul'2007-Oct'2008 with Department of Computer Science & Engineering, Cambridge Institute of Technology (CiTech.), Bengaluru, Affiliated to Visvesvaraya Technological University, Belgaum, Karnataka, India as Professor & Head

Jul'2005-Jul'2007 with Department of Computer Science & Engineering, Reva Institute of Technology & Management (RITM), Bengaluru, Affiliated to Visvesvaraya Technological University, Belgaum, Karnataka, India as Professor & Head

Oct'2001-Jun'2005 with Department of Computer Science & Engineering, Don Bosco Institute of Technology (DBIT), Bengaluru, Affiliated to Visvesvaraya Technological University, Belgaum, Karnataka, India as Assistant Professor & Head

Mar'1999-Oct'2001 with Department of Computer Science & Engineering, Sri Belimatha Mahasamsthana Institute of Technology (SBMSIT), Bengaluru, Affiliated to Visvesvaraya Technological University, Belgaum, Karnataka, India as Assistant Professor and Head

Aug'1994-Jul'1997 with Department of Computer Science & Engineering, S. V. E. Society's, Haralaih Polytechnic, Bhalki, Karnataka, India as Lecturer

International Experience

Apr'2016-Aug'2016 with Department of Computer Engineering, School of Electrical & Computing Engineering, Addis Ababa Science & Technology, Addis Ababa, Ethiopia, Africa as Faculty.

Key Result Areas:

- 📁 Concocting & delivering lectures to Undergraduate, Postgraduate & Research Students on Computer Networks, Data Communication, Software Engineering, Finite Automata and Formal Languages, Programming in C and Data structures, Object Oriented Programming with C++, Advanced Computer Networks (PG), Wireless Ad-hoc Networks (PG), Advanced Storage Area Networks (ASAN) and Machine Learning.
- 📁 Providing leadership to teaching and administrative staff and ensuring high quality of teaching.
- 📁 Organizing International/National Conferences, Workshops, Seminars, guest lecturers & training programs.
- 📁 Spearheading curriculum planning, professional development and the implementation of educational programs.
- 📁 Planning meetings, assisting teams with securing supplies and managing inter-departmental communications.
- 📁 Reviewing the preset educational goals, objectives, classroom instructional programs, established academic and other performance objectives.
- 📁 Contributing in setting & advancing academic strategy of departments in line with university strategic plans & direction.
- 📁 Following policies in terms of accommodating different learning styles & maximizing students' comprehension, quality

education and research oriented discussion.

- Fostering the success of all students by facilitating the development, communication, implementation and evaluation of a shared vision of learning that reflects excellence.

- ☑ Responding to queries in a spontaneous manner, also counselling students and grooming them to attain their goals.
- ☑ Ensuring continuous study & revision of curriculum guides and courses of study; ensuring that staff meetings and professional development activities are focused on scholar outcomes.
- ☑ Interacting and collaborating with students, and the community to build an environment that maximizes student learning, academic performance and social growth.

Highlights:

- ☑ Ph.D. Thesis Evaluated of Visvesvaraya Technological University (VTU)- Belgaum, Rashtrasant Tukadoji Maharaj (RTM), Nagpur University- Nagpur, Swami Ramanand Teerth Marathwada University (SRTMU)- Nanded, Bharati Vidyapeeth University (BVU) - Pune
- ☑ Thesis Evaluated and Conducted Viva-Voce for M.Tech. Programme's
- ☑ Thesis Evaluated and Conducted Viva-Voce for M. Phil. Computer Science at Jain University, Bengaluru
- ☑ Examined projects of Undergraduate, Postgraduate and Research Students
- ☑ Pioneered the set-up of State-of-Art Computer Laboratories facilities in the department
- ☑ Initiated the execution of Students Departmental Forums (Association) of students.
- ☑ Project Co-ordinator for Students and Visited Various IT Industries for Evaluating the Students Projects.
- ☑ Worked as:
 - College Cultural Coordinator
 - Flying Squad Member for VTU examination
 - Dy. Chief Superintendent (External) for VTU Theory Examination
 - Chairman, Examination at East West Institute of Technology, Bangalore
 - Chief Superintendent for the VTU Theory Examination
 - Board of Studies (BoS) Member to Department of CS/IS/PG Studies, The National Institute of Engineering, Mysore 2016 - 17 and 2017- 2018
 - Coordinator for Digital Valuation Centre, Visvesvaraya Technological University (VTU), Regional Office, Bangalore from 10th February- 21st March 2017
 - Board of Examiners (BoE) for Computer Science / Information Science (Composite) Board, Visvesvaraya Technological University, Belgaum, 2017-18, 2015-16 and 2012-13
 - Visvesvaraya Technological University (VTU), Nominee to the Board of Studies (Information Science) of Dr. Ambedkar Institute of Technology, Bengaluru (Autonomous) from 2015- 2017
 - External Subject Expert Member for Board of Examination in Department of MCA at The National Institute of Engineering (Autonomous), Mysore-2014
 - Local Inquiry Committee Member (LIC) of Visvesvaraya Technological University (VTU), Belagavi
 - Board of Examiners (BoE) for Computer Science & Engineering Board, Dr. Ambedkar Institute of Technology, Bangalore - 2016
 - External Examiner for Ph.D. Open-Defense Viva-Voce, Nagpur University, Nagpur
 - Examiner for Ph.D. Research Scholars under Visvesvaraya Technological University, Belagavi, Karnataka
- ☑ Engaged in paper setting for undergraduate, postgraduate and research students for various universities

Other Assignments

- ☑ 2016: IEEE Paper Reviewer and Technical Program Committee Member for the IEEE International Conference on Computational Systems and Information Technology for Sustainable Solutions – CSITSS 2016, organized by R. V. College of Engineering, Bangalore
- ☑ 2015: IEEE Paper Reviewer and Technical Program Committee Member for the IEEE International Advance Computing Conference (IACC-2015) organized by B. M. S. College of Engineering, Bangalore
- ☑ 2012: Chairman, Indian Society for Technical Education (ISTE)
- ☑ 2012: National Advisory Committee Member for 15th ISTE Students National Convention, Organized by Sanjay Ghodawat Group of Institution
- ☑ 2009-2011: Section Managing Committee Member and Secretary & Treasurer for Indian Society for Technical Education (ISTE)
- ☑ 2010: IEEE Paper Reviewer and Program Committee Member for International Conference on Emerging Trends in Engineering and Technology conducted by G. H. Raisoni College of Engineering, Nagpur, Maharashtra, India, sponsored by IEEE and KES Australia
- ☑ AICTE Funded & Sanctioned Project: Principal Investigator of AICTE- Project, worth INR 8.95 Lakhs, Modernization of Electronic Circuit and Logic Design and Microprocessor Laboratory for Graduate and Postgraduate Courses/Research, Department of Computer Science and Engineering, East West Institute of Technology, Bangalore, Karnataka, India
- ☑ NAAC & NBA Advisory Committee Member for many colleges
- ☑ NAAC and NBA Coordinator for the College

Personal Details

Date of Birth: 26th July 1968.
Address: No. 62, 3rd Cross, Saraswathinagar, Vijayanagar,
Bengaluru- 560040, Karnataka, India
Mobile: +91- 9945410132.
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~ Refer **Annexure** for Awards & Recognitions, International/National Workshops & Conferences Attended and Publications ~

ANNEXURE

Awards & Recognitions:

- ☐ Chief Guest for Exebit' 17, organized by Department of CS/IS /PG Studies, The National Institute of Engineering, Mysore on 17th March 2017
- ☐ Invited Talk and Session Chair for the International Conference on Advances in Science and Engineering (ICASE -2017) organized by EWIT, Bangalore and Regent's International College, Bangkok, Thailand from 19th -22nd January 2017
- ☐ Session Chair for International Symposium on Cloud Computing and Data Analytics (ISCCDA 2017), organized by Department of CS/IS/PG Studies, The National Institute of Engineering, Mysore on 17th March 2017
- ☐ Advisory Board Members of The World Academy of Research in Science and Engineering (www.warse.org)
- ☐ Advisory Committee Member for the National Conference on Emerging Trends and Advances in Information Technology (NCETAIT- 2016), organized by Department of CSE, Adichunchanagiri Institute of Technology, Chikkamagaluru from 29th-30th January 2016
- ☐ Invited Speaker and Session Chair for National Conference on Advances in Computing, Communication and Networking (ACCNet – 2016) organized by G. H. Raisoni College of Engineering & Management, Pune, Maharashtra
- ☐ Session Chair for International Conference, organized by Department of CSE/ISE/MCA, R. V. College of Engineering, Bangalore from 6th -8th October 2016
- ☐ Teaching for Teaching Excellence Award organized Indo-American Education Summit -2016 by Indus Foundation and TV9
- ☐ Technical Program Committee Member for the National Conference on Advances in Computing and Communication Technologies (NCACCT -2015), organized by Department of CSE and ISE, Sai Vidya Institute of Technology, Bangalore from 10th -11th April 2015
- ☐ Session Chair for the National Conference on Advances in Computer Science & Engineering, organized by Department of Computer Science & Engineering, East West Institute of Technology, Bangalore, Sponsored by ISTE from 29th -30th April 2015
- ☐ Session Chair for the National Conference on Advancements in Information Technology, organized by Department of Information Science & Engineering, JSS Academy of Technical Education (JSSATE), Bangalore from 5- 6th May 2015
- ☐ Session Chair for 2nd International Conference on Data Engineering and Communication Systems, organized by Department of CSE and ISE, R. N. S. Institute of Technology, Bangalore from 28th -29th December 2015
- ☐ Subject Expert for Department of CSE, Sambhram Institute of Technology, Bangalore, Karnataka -2014
- ☐ Subject Expert for Department of CSE, Madanapalle Institute of Technology & Science, Madanapalle, Andhra Pradesh-2014
- ☐ Guest of Honor for "Project Open-House Panorama 2013" on 6th May 2013, organized by RNS Institute of Technology, Bangalore-2013
- ☐ Chief Guest for "National Conference on Computer Communication and Advance Computing 2012", organized by Department of Computer Science & Engineering, Srinivas Institute of Technology, Mangalore
- ☐ Guest of Honor for "National Conference on Computer Communication and Advance Computing 2012", organized by Department of Computer Science & Engineering, Sambhram Institute of Technology, Bangalore
- ☐ Best ISTE Chairman Award, Honored in 42nd ISTE National Annual Convention -2012
- ☐ Guest of Honor for TECHNOUTSAV- 2010, organized by ISTE Chapter Rural Engineering College, Bhalki, Dist.: Bidar, Karnataka on 6th and 7th May 2010

International/ National Workshops & Conferences Attended:

- ISTE Workshop on " Bioinformatics for College Teachers" held during from 2- 6 June 2003 at P.S.G. College of Technology, Coimbatore
- National Conference on "Fuzzy Logic and Its Applications" held during from 7- 9 August 2003 at Sir. M. Visvesvaraya Institute of Technology, Bangalore
- International Conference on "Human Machine Interfaces (ICHMI)" held during from 20- 23 December 2004 at Indian Institute of Science (IISc) Bangalore, organized by JNNCE Shimoga, Kuvempu University and M.I.T. Touch Lab. USA
- National Conference on "Fast Computational Techniques and Vedic Mathematics Applications in Engineering & Technology", almanac- 2006, held during from 1- 2 December 2006 at Dayananda Sagar College of Engineering (DSCE), Bangalore
- 2 days National Conference on "Applications of Graph Theory " held from 12- 13 April 2007 at Rashtreeya Vidyalaya College of Engineering(RVCE), Bangalore

- Engineering Faculty Development Programme for Computer Science & Engineering Cluster from 16- 21 July 2007 at B. M. S. College of Engineering, Bangalore
- Workshop on Wireless Sensor & Application conducted by Intrinsic Solution, Bangalore on 17thSeptember 2008
- Workshop on Biologically Inspired Computing Conducted by BITES organized by Dr. Ambedkar Institute of Technology, Bangalore on 9thMay 2009
- 13thISTE State Level Annual Convention on Moulding Students- Industry Ready on 29th and 30thOctober 2010
- Faculty Development Programme on Teaching & Learning Practices, Research Methodology & Writing Project Proposals held at K. S. Institute of Technology, Bangalore from 24- 25 January 2011 sponsored by VTU and ISTE
- Management Development Programme on Research Methodology with 100% Practical Sessions using SPSS from 27th – 29th January 2011
- National Level Workshop on Mobile Application Development during 21st – 22nd February 2011
- 14thISTE Karnataka State Faculty Convention held during 18th-19thNovember 2011 at PES Institute of Technology, Bengaluru, Karnataka
- 2 Days Workshop on Research Methodology held on 19th& 20thJanuary 2012, organized by School of Commerce and Management Science of Swami Ramanand Teerth Marathwada University (SRTMU), Nanded, Maharashtra
- Academic Leadership Program under the track positioning as a Leader& Role Model, organized by VTU at PESIT Campus held on 2nd, 3rd and 4th March 2012
- Faculty Development Programme on Cryptography & Network Security Issues, organized by Visvesvaraya Technological University, Belgaum from 14th – 18th March 2012
- Worked as a Faculty Head, for the College Fest Aakriti- 2012 at East West Institute of Technology, Bangalore held on 4th and 5th May 2012
- Two Days Workshop on Research Methodologies, organized by Department of CSE &ISE, Acharya Institute of Technology, Bangalore during 30th -31st January 2013
- Attended Workshop on Massively Empowered Classrooms (A research Project from Microsoft Research) for VTU Course on Design and Analysis of Algorithms (ADA), held on 18th January 2013
- Three Days Faculty Development Workshop on Advances in Computer Network Technologies: Routing, Switching, Virtualization and Ns2 Simulator”, organized by Department of CSE/TCE/ISE/ECE/EEE/IT held at R. V. College of Engineering, Bangalore, Karnataka during 7th – 9th March 2013
- One-Week Faculty Development Programme on Wireless Sensors and Their Applications under TEQIP-II held during 18th – 22ndMarch 2013, organized by Department of Information Technology, Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded, Maharashtra
- Workshop on Protocol Engineering, Sponsored by TEQIP-II, organized by Department of Computer Science & Engineering, Siddaganga Institute of Technology, Tumkur, Karnataka from 10th- 12th March 2014
- NBA Three Days Workshop on Training &Identification of Master Trainers &Evaluators on Outcome Based Accreditation Process and Parameters, Organized by SGGGS Institute of Engineering & Technology, Nanded, Maharashtra from 21st– 23rd March 2014
- 17thISTE State Level Faculty Convention and 25thDr. L. S. Chandrakant Memorial Lecture Series on Challenges and Opportunities in Value Based Technical Education & Accreditation held on 20thNovember 2014 at K. S. Institute of Technology, Bangalore
- One Week Faculty Development Program on IT Infrastructure Management Services from 5th – 9thJanuary 2015, organized by Department of Information Science & Engineering, B. N. M. Institute of Technology, Bengaluru, Karnataka in Association with Engineering Staff College of India, Hyderabad
- Participated in 18thISTE Karnataka State Level Annual Faculty Convention, organized by PES University, Bangalore from 6th- 7thNovember 2015
- Faculty Development Program on Machine Learning, organized by Department of CSE, BNM Institute of Technology, Bangalore from 18th – 23rd2016
- Faculty Development of Research Process, organized by Department of MBA, EWIT, Bangalore on 25thFebruary 2016
- Two Weeks Faculty Development Program on Design & Development of Embedded systems for Industrial Applications, organized by Department of Instrumentation Technology, Dr. Ambedkar Institute of Technology, Bangalore, under TEQIP – II from 22ndAugust – 3rdSeptember 2016
- Workshop on Role of Rating Ranking & Accreditation in Creating Institutions of Eminence & Excellence organized by BITES on 21stJuly 20-18 at PES University, Bangalore
- Workshop on New Model Curriculum of First Year CBCS – Detailed Syllabus 2018-19 as per Outcome Based Education Format and Course Outcomes and Blooms Taxonomy Under TEQIP -1.3, organized by Visvesvaraya Technological University, Belagavi on 14thMay 2018 at M. S. Ramaiah Institute of Technology, Bangalore

Publications:

International Journals:

- Analysis of Routing Protocols for MANET Using Genetic Algorithm, International Journal of Electronics and Communication Technology (IJECT), ISSN: 2230-7109 (Online), ISSN: 2230-9543 (Print), IJET Vol. 4, Issue 2, Page No. 395-398, April 2013
- Effectiveness of Genetic Algorithm in Reactive Protocols for MANET, International Journal of Engineering Research and

Technology (IJERT), ISSN: 2278-0181, Volume 2, Issue 7, Page No. 1757-1761, July 2013

- Effect of Mobility on Reactive Protocols using Genetic Algorithm, International Journal of Scientific and Engineering Research (IJSER), ISSN: 2229-5518, Volume 4, Issue 9, Page No. 2141-2146, August 2013
- Performance of Genetic Algorithm Based Intelligent Reactive Protocols Routing for MANET, International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), ISSN: 2277 128X, Volume 3, Issue 9, Page No. 134-142, September 2013
- Intelligent Unipath Routing for MANET Using Genetic Algorithm, International Journal of Computer Technology & Applications (IJCTA), ISSN: 2229-6093, Volume 5, Issue 1, Page No. 25-30, Jan-Feb. 2014
- Performance Analysis of Genetic Algorithm Based Intelligent Multipath Routing Protocol for Mobile Ad-hoc Network”, International Journal of Computer Technology & Applications (IJCTA), ISSN: 2229-6093, Volume 5, Issue 2, Page No. 282-285, March – April 2014
- Genetic Algorithm Based Unipath and Multipath Intelligent Routing for Mobile Ad-hoc Networks, International Journal of Advances in Computer Science and Technology (IJACST) ISSN 2320 –2602, Volume 3, No. 4, 2014
- Performance Analysis of Energy Efficient Genetic Algorithm Based Unipath and Multipath Intelligent Routing for Mobile Ad-hoc Networks, International Journal of Mobile Communication Networking (IJMCN), RI Publication 2014
- Survey on Multipath Routing Protocols in Wireless Ad-Hoc Networks, International Journal of Scientific & Engineering Research, Volume 5, Issue 4, April -2014 ISSN 2229-5518 pp.309-315
- Survey on Proactive and Reactive Protocols in MANETs, International Journal of Scientific & Engineering Research, Volume 5, Issue 4, April-2014 ISSN 2229-5518 pp 318-324
- Performance Evaluation of Secured Reactive Routing Protocols in MANETs, International Journal of Science and Research (IJSR), June 2014 ISSN (Online): 2319-7064 pp273-276
- Survey on Secure Routing Protocols for MANETs, International Journal of Science & Research (IJSR), June 2014 ISSN (Online): 2319-7064 pp.277-280
- ACO Technique for Reducing Energy Consumption in Wireless Sensor Network, International Journal of Computing, Communications and Networking (IJCCN),Volume 7, No. 2, April-June 2018, ISSN 2319-2720, pp. 41-47
- Botnet Identification with Malware File Detection & Blocking, International Journal of Computing, Communications and Networking (IJCCN),Volume 7, No. 2, April-June 2018, ISSN 2319-2720, pp. 106-111
- Evaluation of Web Security Mechanisms using Vulnerabilities and Attack Injection, International Journal of Computing, Communications and Networking (IJCCN),Volume 7, No. 2, April-June 2018, ISSN 2319-2720, pp. 221-225
- Iris Recognition System using Matlab,International Journal of Computing, Communications and Networking (IJCCN),Volume 7, No. 2, April-June 2018, ISSN 2319-2720, pp. 231-235
- Advanced Image Steganography by means of Secret-piece Noticeable Mosaic Images by Nearly-Reversible Color Transformation International Journal of Computing, Communications and Networking (IJCCN),Volume 7, No. 2, April-June 2018, ISSN 2319-2720, pp. 255-259
- A Survey on Underwater Sensor Networks International Journal of Computing, Communications and Networking (IJCCN),Volume 7, No. 2, April-June 2018, ISSN 2319-2720, pp. 265-269
- An Optimize Genetic Based Routing Protocol for QoS in MANET, International Journal of Computing, Communications and Networking (IJCCN),Volume 7, No. 2, April-June 2018, ISSN 2319-2720, pp. 285-290
- An Approach to Optimized Genetic based Clustering Algorithm in Mobile Ad-hoc Network, International Journal of Computing, Communications and Networking (IJCCN),Volume 7, No. 2, April-June 2018, ISSN 2319-2720, pp. 291-294
- Software Predictive Classification Using Relational Association Rules and Naive Bayes Approach, International Journal of Computing, Communications and Networking (IJCCN),Volume 7, No. 2, April-June 2018, ISSN 2319-2720, pp. 314-316.
- Frequency Distribution for Software Defect Prediction, HBRP Publication, Advancement of Computer Technology and its Applications Volume 1, Issue 3 , PP: 19-22, September 2018.
- Analysis of Variance Carried Out For Software Defect Prediction, HBRP Publication, Recent Trends in Information Technology and its Applications, Volume 1, Issue 3 , PP: 15-18, September 2018.
- Chi Square Test for Software Defect Prediction, HBRP Publication, Journal of Advancement in Software Engineering and Testing, Volume 1, Issue 3 , PP: 8-11, September 2018.
- Factor Analysis in Software Defect Prediction, HBRP Publication, Journal of Advancement in Software Engineering and Testing, Volume 1, Issue 3 , PP: 1-7, September 2018.
- Neural Networks: *All you Need to Know*, HBRP Publication, Journal of Advancement in Communication System, Volume 1, Issue 3, PP: 12-16, 2018.
- Survey Paper on Neural Network, HBRP Publication, Journal of Advancement in Communication System, Volume 1, Issue 3, PP: 17-21, 2018.
- Smart Parking Sensors, Technologies and Application *Based IoT*, International Journal of Computer Science and Engineering (IJCSE), Volume 7, Special Issue 15, May 2019, PP: 329-333.
- Image Pattern Analysis Using Local Binary Pattern and Histogram Orient Gradient Methodology and Classification using K-NN, International Journal of Computer Science and Engineering (IJCSE), Volume 7, Special Issue 15, May 2019, PP: 381-387.
- Malicious Node Detection and Avoidance in IoT Smart Home System by Considering QoS, International Journal of Computer Science and Engineering (IJCSE), Volume 7, Special Issue 15, May 2019, PP: 388-393.
- Software Defect Prediction Using Data Mining Techniques, International Journal of Computer Science and Engineering (IJCSE), Volume 7, Special Issue 15, May 2019, PP: 284-287.
- Analysing the Adaptability of software defect prediction in small software firms, Scopus Indexed Journal, International

Journal of Recent Technology and Engineering, ISSN: 2277-3878, Volume-8, Issue-1C, PP:53-59, May 2019.

- Classifying Emotional Traits from Speech file Using Machine Learning, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Scopus Indexed, ISSN: 2278-3075, Volume-9 Issue-2, December 2019, PP: 463-469.
- Speech Classification Using Logical ART Deep Mechanism of Machine Learning, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Scopus Indexed, ISSN: 2278-3075, Volume-9 Issue-2, December 2019, PP: 2605-2611.
- Sports Navigator – Framework for All Sports Intelligence Using Machine Learning (Game Census), International Journal of Innovative Technology and Exploring Engineering (IJITEE), Scopus Indexed, ISSN: 2278-3075, Volume-9 Issue-2, December 2019, PP: 293-296.
- A Novel and Integrated Architecture for Securing Communication in IoT, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Scopus Indexed, ISSN: 2278-3075, Volume-9 Issue-2, December 2019, PP: 924-929.
- Data Dissemination Techniques Using DBSCAN and DD-Rtree for Spatial Data Mining, International Journal of Recent Technology and Engineering (IJRTE), Scopus Indexed, ISSN: 2277-3878, Volume-8 Issue-5, January 2020, PP: 4465-4470.
- Sport Navigator – One Platform for All Sports Intelligence Using ML (Player Recommender), International Journal of Advanced Science & Technology (IJAST), Volume-29, No. 02, (2020), PP: 1705-1709.
- Novel Authentication Framework for Securing Communication in Internet-of-Things, International Journal of Electrical and Computer Engineering (IJECE), Scopus Indexed, Vol. 10, No.1, February 2020, PP: 1092-1100, ISSN: 2088-8708.

International Conferences:

- On Demand Routing for Mobile Ad-Hoc Networks, International Conference on Systemics, Cybernetics and Informatics an event organized by Pentagonam Research, Hyderabad, Andhra Pradesh, India held from January 2 to 5' 2008, published in IJSCI
- Genetic Hybrid Routing Algorithms, International Conference on Advances Computing, Department of Computer Science & Engineering, Anuradha Engineering College, Chikhli, Dist. Buldana, Maharashtra Sponsored by ACM, India from February 21 to 22' 2008, published 2008
- Efficient Software Test Case Generation using Genetic Algorithm Based Graph Theory, International Conference on Emerging Trends in Engineering and Technology conducted by G. H. Raison College of Engineering Sponsored by IEEE and KES Australia from July 16 to 18' 2008, Published in IEEE Xplore 2008
- Synchronization of Traffic Pattern in Mobile Ad-Hoc Network with Genetic Algorithm, First International Conference on Emerging Trends in Engineering and Technology, Nagpur (ICETET) 16- 18 July 2008, published in IEEE Xplore 2008
- Genetic Algorithm Based Secure Authentication Protocol With Dual Central Server and Token Authentication in Large Scale Mobile Ad-Hoc Networks, IEEE GLOBECOM 2008, 30th November- 4th December 2008, New Orleans, LA, USA, published in IEEE Xplore 2008
- Enhanced Composite Authentication Protocol for Securing Wireless Mesh Networks, International Conference on Systemics, Cybernetics and Informatics, Hyderabad, 7- 10 January 2009, published in IJSCI Proc. 2009
- Voice Transmission over Local Area Network using Bluetooth, IEEE TENCON Singapore, 23- 26 November 2009, published in IEEE Xplore 2009
- Genetic Algorithm based Efficient Controlling in Wireless Network using Local Caching and Topology Mapping for Next Generation Network, Third International Conference on Emerging Trends in Engineering & Technology (ICETET), Nagpur, 2010, 16- 18 July 2010, organized by Birla Institute of Technology, GOA, published in IEEE Xplore 2010
- Dual Channel based Multi-Objectives Genetic Routing Protocol for Ad-hoc Networks and Optical Networks using Power Aware Clustered Topology, International Conference on Optical Engineering (ICOE), organized by Indian Institute of Science (IISc.) and Visvesvaraya Technological University (VTU), Belgaum, 26-28 July 2010, published in IEEE Xplore 2010
- Performance Evaluation of Mobile Ad-hoc Networks Routing Protocols to Employ Genetic Algorithm, IEEE 3rd World Congress on Information and Communication Technologies (WICT) 2013, Hanoi, Vietnam, 15- 18 December 2013, published in IEEE Xplore 2013
- Reliable Genetic Algorithm Based Intelligent Routing for MANET, IEEE World Congress on Computer & Information Systems (WCCAIS- 2014), International Conference on Network Computing and Applications (ICNCA-2014), Hammamet, Tunisia, 17- 19 January, published in IEEE Xplore 2014
- Genetic Algorithm Based Energy Efficient Intelligent Unipath Routing for MANET, International Conference on Communication and Computing (ICC -2014), Bangalore, 12- 13, June, published by ELSEVIER 2014
- Enhanced Multipath Routing for MANET using Genetic Algorithm, International Conference on Communication and Computing (ICC -2014), Bangalore, 12- 13, June, published by ELSEVIER - 2014
- Genetic Based Evaluation of Energy Quarried Routing in MANET, ICC- 2015, Bangalore, 9- 11 July, published by McGraw - Hill Education Publications- 2015
- Performance Evaluation of Quarried Routing using Genetic Algorithm in MANET, Paper ID: 1570110501 Indian Conference on Signal and Image Processing (IconSIP -2015) Conference held on 10th& 11th July 2015
- Searching Encrypted Data in Cloud using Multi-Ranked Keyword Search, International Conference on Emerging Trends in Science and Engineering (ICETSE-2017) in association with Institute for Exploring Advances in Engineering (IEAE), Coorg Institute of Technology, Coorg
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- Simple Seed Encryption Algorithms for Water Making of Image, National Conference on “The Scientific Aspects of Chandrayana-I and Ancient Indian Concepts on Moon”, ALMANAC-2007 held during November 29th and 30th2007 at Dayananda Sagar College of Engineering, Bangalore- 560078
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- Mac Based Reliable QoS for Wireless Network, National Conference on E-Governance and Its Applications, organized by Dayananda Sagar Institutes, Bengaluru, 27- 28 November 2008, published in Conference Proc.
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- Application of Genetic Algorithm for Intelligent Routing, 43rdISTE National Annual Convention 2013, organized by Tatyasaheb Kore Institute of Engineering and Technology, Warananagar, Maharashtra, India, 19-21 December 2013, Published in Conference Proc.
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