

Profile of Prof. Mahantesh N. Birje



Name

Dr. Mahantesh N. Birje

Designation, Address & Contact Info

Professor,
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Belagavi – 590 018 Karnataka, INDIA.
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Email: mnbirje@vtu.ac.in, mnbirje1@gmail.com

Date of joining to VTU

29/01/2014

Academic Qualifications

Ph.D. (VTU, Belagavi, 2012 [Research title: Agent Based Resource Monitoring and Allocation in Wireless Computational Grids]).
M. Tech. in Computer Science & Engg. (VTU, Belagavi, 2005).
B.E. in Computer Science & Engg. (Kuvempu University, 1997).

Areas of Interest

Internet of Things, Cloud computing, Network security, Computer networks.

Experience/Professional Summary
(as of March 17, 2022)

Total(years)	Teaching	Research
23	23	14

- Jan 2014 – till date: **Professor** in CSE/MCA Dept., Visvesvaraya Technological University, “Jnana Sangama”, Balagavi
 - Additionally, working as **Director (i/c), Prasaranga** division of VTU, Belagavi, along with academic activities from April 2019,
- March 2013 – Jan 2014: **Professor** in ISE Dept. Basaveshwar Engg. College, Bagalkot, Karnataka, India (Teaching and Research)
- 2006 – Feb 2013: **Associate professor** (Asst. Prof. in 5th Pay scale) in ISE Dept. Basaveshwar Engg. College, Bagalkot, Karnataka, India (Teaching and Research)
- 1999-2006: **Lecturer** in ISE Dept. Basaveshwar Engg. College, Bagalkot, Karnataka, India (Teaching)
- 1998-1999: Worked as a **Programmer** in Upper Krishna Project (UKP), Navanagar, Bagalkot. (largest irrigation project of Karnataka government)

<p>Professional bodies membership</p>	<p>Life Member, IETE (INDIA), Life Member, ISTE (INDIA), Member, IEEE (USA)</p>
<p>Achievements</p>	<p>Chief Editor of “International Journal on Science, Technology, Engineering & Management – A VTU Publication” (Previously known as International Journal of Engineering Sciences and Management), a Peer Reviewed, Free, Open Access, Quarterly Journal started from Jan 2019. eISSN: 2582-5844 No. of Volumes published till date: 3 No. of Issues published till date: 12 Journal URL: www.ijesm.vtu.ac.in</p> <p>Lead Guest Editor of a Special Issue on “Advances in Cloud and Internet of Things” of the Journal <i>Internet of Things and Cloud Computing, Science Publishing Group, USA</i>. [ISSN: 2376-7715, Vol. 5, No. 5-1, Sept 2017]</p> <p>Worked as Organizing Secretary (one of the Two Secretaries) of “48th ISTE National Annual Faculty Convention – 2018”, organized during 19th and 20th March 2019 at VTU Campus, Belagavi. Was responsible for finalizing the Theme and Sub themes of ISTE Convention in consultation with University Authorities. Edited the Proceedings of the Papers presented during the Convention.</p> <p>Paper titled “<i>Wireless Grid Computing: A Survey</i>” ranked 2nd top most downloaded article in IETE Journal of Education, from 2009-2012.</p> <p><i>Travel grant</i> from TEQIP to attend Int. Conf. in Singapore during 2007.</p>
<p>Member of Academic Bodies/Committees and additional responsibilities</p>	<p>Member of Board of Studies (BoS) of</p> <ul style="list-style-type: none"> - MCA Board at VTU, Belagavi during 2019-22. - Computer Science Board at RIT(Autonomous), Islampur, Maharashtra - Computer Science Board at Karnataka University, Dharwad during 2019-21 - MCA Board at VTU, Belagavi during 2016-19. - ISE department, GIT, Belagavi during 2016-17. - ISE department, BEC, Bagalkot during 2007-08. <p>Member of Board of Examiners (BoE) of</p> <ul style="list-style-type: none"> - MCA Board, VTU, Belagavi during 2015-16, 2017-18. - MCA Board, Rani Channamma Univeristy, Belagavi during 2019-20, 2021-22 - ISE department, BEC, Bagalkot.

Worked as **Member of Local Inquiry Committee (LIC)** for inspecting Engineering Colleges under VTU for granting Continuation/Extension of affiliation/Recognition of Research Center.

Worked as Member of **AICTE online Expert/Scrutiny Committee**.

Contributed as **Primary Evaluator** in ‘**Toycathon 2021**’ that was conceived under the ‘AatmaNirbhar Bharat Abhiyan’ initiated by Hon’ble Prime Minister of India, to challenge India’s innovative minds to conceptualize novel Toy and Games based on Bharatiya civilization, history, culture, mythology and ethos.

Reviewed ‘Programming for Problem Solving’ Book of Under Graduate Course translated in Kannada Language as per AICTE model curriculum.

Coordinated the activity of preparation of **Two Kannada Language Text Books** for BE students – 1. Balake Kannada 2. Saanskrutika Kannada

Coordinated the activity of **publication of Kannada Books** (Technology related) to create technical awareness among general public, particularly rural students/people, and **39 books are published**.

Coordinating the activity of preparation of VTU Technical Dictionary

Citations
(as of March 17, 2022)

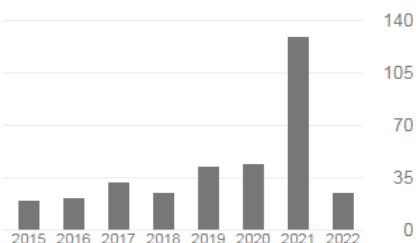
Google Scholar Citations:

	All	Since 2017 (last 5 Yrs)
Citations	489	300
h-index	12	9
i10-index	16	8

Google Scholar Link: https://scholar.google.co.in/citations?user=N8c_VxEAAA&hl=en

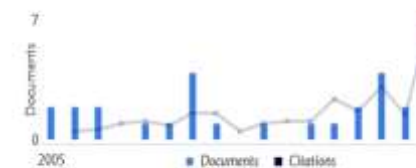
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	All	Since 2017
Citations	489	300
h-index	12	9
i10-index	16	8



Scopus h-index: 9
Scopus Author ID: 14631504500
ORCID Link: <https://orcid.org/0000-0003-0669-1829>

Document & citation trends



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Total number of Publications (as of March 17, 2022)					
	Total Publications	Refereed Journal Publications	Book Chapter Publications	Conference Publications	
	62	32	2	28	
	Annexure I : Details of Publications				
Reviewer of Scientific Journals/Conferences	Reviewed few research articles of the Journals of IEEE, Elsevier, IET and Springer etc. and also of some conferences.				
Subjects taught (to UG/PG students)	Internet of Things, Data Warehousing & Data Mining, Distributed & Cloud Computing, Data Communications, Computer Networks, Cryptography and Network Security, Multimedia Computing, Data Structures, Analysis and Design of Algorithms, Logic Design, Management in Information Systems Computer Concepts & C programming, OOP with C++, Software Engineering, Basics of Programming & Computer Organization, Cloud Computing				
Guidance to Ph. D Scholars	Sl. No	Name	Year of Registration	Title	Status
	1	Praveen S. Challagidad	2013	Design and Analysis of Some Security Schemes for Private Clouds	Awarded
	2	Vijay L. Hallappanavar	2015	Trust Management in Cloud Computing	Thesis submitted
	3	Chetan Bulla	2015	Multi agent based Monitoring System in Cloud Computing	Thesis submitted
	4	Basavraj S Hadimani	2016	Design and Implementation of Cloud Simulation Tool	Comprehensive completed
	5	Arun Kumbi	2017	Sugarcane Crop Monitoring System Using Internet of Things	Comprehensive completed
	6	Savita S. Hanji	2017	IoT based Smart Distributed Healthcare System	Comprehensive completed
	7	Rakshitha C M (Full Time)	2021	Development of Blockchain Ecosystem	Course work completed
Guidance to UG/PG Students	More than 100 Projects have been guided to UG/PG students in the areas of distributed systems, grid computing, Cloud Computing, network security, network simulators, and general applications such as examination system, banking system, etc.				
Expert Talk / Resource person (after 2014)	1. Resource person for Android/Cloud Workshop- “The Geek Streak” at SCEM, Mangalore from 27-29 Sept 2014.				

2. A talk on “**Research issues in Cloud Computing**” is given in a 2-Day National Level Faculty Development on **Advances in Virtualization and Cloud Computing**, March 21 – 22, 2014, Mangalore Institute of Technology & Engineering, Moodbidri
3. Delivered talk on “**Basics of Cloud Computing**” at D Y Patil CET, Kolhapur, 27/6/2014.
4. Resource person for state level seminar on **Cryptography**, 15th Dec 2014, at Vivekananda College Puttur
5. Expert talk (Resource person) on “**Cloud Computing: A Research Perspective**” in VTU-VGST one week FDP on “**Trends in Computing Research**”, 15-18 June 2015 at VTU Belagavi.
6. Delivered talk on “**Research Methodology and Issues**” ,08-12th June 2015 at BLDE Vijayapura.
7. Resource person for One day pre-conference Workshop of ICRIE’16, on 07th Oct 2016, HIT, Nidasosi., Topic- “**Advances in Computer and Wireless Networks**”
8. Delivered an Expert Lecture in AICTE funded FDP organized by RIT (autonomous), Islampur, Maharashtra
9. Delived Expert Lecture on **Research on IoT** during AICTE Sponsored One Week FDP on “**Internet of Things**”, Nov 2018, organized by RIT (autonomous), Islampur, Maharashtra.
10. Guest Speaker in 3 days workshop on “Research Methodology & Technical Documentation using Latex” at Sharanbasava University, Kalaburagi during 3 – 5 May, 2018. Topics - A step towards research; XFIG; Gnuplot.
11. Resource Person of 5 days Virtual FDP on “**Next Generation Electronics and Computer Networks**”, 2-6 June 2020 , BKIT, Bhalki
12. Delivered Webinar on “**Towards Successful Publication of Research Work**”, organized by CSI, KLE DR MSSCET, Belagavi on 17-06-2020.
13. Delivered Webinar on “**IoT Cloud for Big Data**” organized by Agadi CET, Lakshmeshwar on 12-06-2020

<p style="text-align: center;">Session chairs</p>	<ol style="list-style-type: none"> 1. Session Chair of IEEE International Conference CTEMS'18 organized by GIT, Belagavi in 21-23 December 2018. 2. SessionChair at IEEE International Conferences SmartTechCon'17, 17 - 19 Aug 2017 at Bengaluru. 3. Session Chair at International conference on recent innovation in Engineering, (ICRIE'16), 08th and 9th Oct 2016, HIT, Nidasosi. 4. Session chair at International conference on computing communication and energy system, (ICCES'16) 29th and 30th Jan 2016 at Rajarambapu Institute of Technology, Sakharale, Maharashtra. 5. Session Chair at International Conferences – ICETES'15, 25th April 2015, at JCE, Belagavi
<p style="text-align: center;">FDPs/Workshops/ Seminars/Conferences /Conventions Organized :</p>	<ol style="list-style-type: none"> 1 Coordinator of TEQIP sponsored one week FDP on “Computational Methods for Big Data Analytics” organized by the Department of Computer Science and Engineering, VTU Belagavi from 6th January to 10th January 2020. 2 Organizing Secretary (one of the Two Secretaries) of “48th ISTE National Annual Faculty Convention – 2018”, organized during 19th and 20th March 2019 at VTU Campus, Belagavi 3 Convener of a State Level Science Exhibition cum Competition on “Science and Technological Solutions for Specially Abled Persons”, organized on 10th March 2017 for Engineering/Medical/Diploma students. 4 Coordinator of “Distributed and Cloud Computing”, a three days National Level Workshop organized for Faculty of Engineering Colleges and Research Scholars, during April 15 – 17, 2013. 5 Coordinator of “Research Issues in Information Technology”, a three days Faculty Development Programme organized for Faculty of Engineering Colleges and Research Scholars during Feb 26-28, 2009 6 Coordinator of “Computer Network Simulation 2008” (CNS-08) Three days workshop organized for Faculty of Engineering Colleges of Karnataka state during 21 – 23 Feb 2008 7 Coordinator of “Website Designing & Hosting”, a one week workshop organized for Bagalkot District youth, under Community Services,TEQIP, during 29th Sept – 4th Aug 2008

	<p>8 Coordinator of “Advanced DTP” One week workshop organized for Bagalkot District youth, under Community Services,TEQIP, during 18 – 23 Dec 2006</p> <p>9 Organizing Committee member of FDP on Trends in computing Research, 15th to 18th June 2015 at VTU, Belagavi.</p> <p>10 Organizing Committee member of 5 days FDP on Paradigms in Intelligent Computing, 29-07-2019 to 02-08-2019.</p>
<p>FDPs/Workshops/Webinars/Seminars/Conferences/Conventions attended:</p>	<p>More than 40 FDPs/Workshops/Webinars/ Seminars/Conferences/ Conventions have been attended.</p>

Annexure I: Details of Publications of Dr. Mahantesh N. Birje

Total Publications	Refereed Journal Publications	Book Chapter Publications	Conference Publications
62	32	2	28

Journal Publications

- 1 Arun A. Kumbi · Mahantesh N. Birje, Deep CNN based Sunflower Atom Optimization Method, International Journal of Wireless Personal Communications (2022) 1221–1246, Springer Nature, 2022, Impact Factor: 1.671, Scopus. ISSN:0929-6212E-ISSN:1572-834X, <https://doi.org/10.1007/s11277-021-08946-7>
- 2 Chetan Bulla, Mahantesh N. Birje, Improved Data-driven Root Cause Analysis in Fog Computing Environment, Journal of Reliable Intelligent Environment, Springer 2021, 10.1007/s40860-021-00158-x Scopus
- 3 Vijay L. Hallappanavar, Mahantesh N. Birje, A Reliable Trust Computing Mechanism in Fog Computing, International Journal of Cloud Applications and Computing (IJCAC), Volume 11 , Issue 1, pp 1-20, IGI Global 2021, ISSN:2156-1834, DOI: 10.4018/IJCAC.2021010101 Scopus
- 4 Chetan Bulla, Mahantesh N. Birje, "A Multi-Agent-Based Data Collection and Aggregation Model for Fog-Enabled Cloud Monitoring", International Journal of Cloud Applications and Computing (IJCAC), IGI Global, pp 73-92, 2020, Scopus and Web of Science indexed.
- 5 Vijay L. Hallappanavar, Mahantesh N. Birje, Prediction of quality of service of fog nodes for service recommendation in fog computing based on trustworthiness of users, Journal of Reliable Intelligent Environment, Online Springer 2021, DOI:10.1007/s-40860-021-00149-y
- 6 Praveen S. Challagidad, M. N. Birje, "Multi-dimensional Dynamic Trust Evaluation Scheme for Cloud Environment", Computers and Security Journal, Vol 91, pp. 1-20, Elsevier, 2020, ISSN: 01674048 DOI: , 101722.10.1016/j.cose. **(Impact Factor: 3.062).**
- 7 Manisha T. Tapale, R. H. Goudar, Mahantesh Birje, R. S. Patil, "Utility based Load Balancing using Firefly Algorithm in Cloud", Journal of Data, Information and Management, Vol 2, 215–224, 2020, Springer, ISSN: 2278-3075, <https://doi.org/10.1007/s42488-020-00022-2>
- 8 Mahantesh N. Birje, Savita Hanji, Internet of Things based Distributed Healthcare Systems: A Review, Journal of Data, Information and Management, Vol 2, 149–165, Springer, 2020, ISSN: 2278-3075, <https://doi.org/10.1007/s42488-020-00027-x>
- 9 Basavaraj S. Hadimani, Dr. M. N. Birje, Comparative analysis on various open source cloud simulators, International Journal of Engineering and Advanced Technology , 2020,

- 10 Praveen S. Challagidad, Mahantesh N. Birje, "Local and Remote Recovery of Data for High Availability in Strongly Consistent Cloud Services", International Journal of Advanced and Pervasive Ubiquitous Computing (IJAPUC), Vol. 11, No. 4. ISSN: 060719-064742, IGI Global, 2019, DOI: 10.4018/IJAPUC
- 11 Mahantesh N. Birje, Chetan Bulla, "Cloud Monitoring System: A Review", International Journal of Science, Technology, Engineering and Management – A VTU Publication, pp. 49-55, 2019.
- 12 Manisha T. Tapale, R. H. Goudar, Mahantesh Birje, "Utility-Driven Adaptive Scheduling for Cloud Service Provisioning", International Journal of Innovative Technology and Exploring Engineering, Volume 8, Issue 8, pp. 249 - 257, 2019, ISSN: 2278-3075
- 13 Manisha T. Tapale, R. H. Goudar, Mahantesh N. Birje, "Adaptive Scheduling Mechanism in Cloud ", International Journal of Engineering and Advanced Technology , Volume-8 Issue-4, pp.1706-170, Blue Eyes Intelligence Engineering & Sciences Publication 2019, ISSN: 2249 – 8958, EID: 2-s2.0-85067989612
- 14 Birje, M.N., Bulla, C. Cloud monitoring system: Basics, phases and challenges, International Journal of Recent Technology and Engineering, Volume-8 Issue-3, 2019, ISSN: 2277-3878, DOI: 10.35940/ijrte.C6857.098319
- 15 Mahantesh Birje, Praveen Challagidad, R. H. Goudar, Manisha Tapale, "Cloud Computing Review: Concepts, Technology, Challenges and Security", International Journal of Cloud Computing (IJCC), Inderscience, Vol. 6, No. 1, pp. 32-57, Inderscience, 2017, ISSN online: 2043-9997, DOI: 10.1504/IJCC.2017.083905
- 16 Praveen S. Challagidad, Mahantesh N. Birje, "An Efficient Hierarchical Attribute-based Encryption with Delegation in Cloud Storage", International Journal of Information Technology, Springer, Vol. 3, No.2, pp. 23-29, 2017,
- 17 Mahantesh Birje, Arun Kumbi, "Internet of Things: A Survey of Architecture, Requirements and Applications", International Journal of Hyperconnectivity and the Internet of Things (IJHIoT), Volume 1, Issue 2, pp. 45 – 71, 2017, ISSN: 2473-4365
- 18 Praveen S. Challagidad, Ambika S. Dalawai, Mahantesh N. Birje, "Efficient and Reliable Data Recovery Technique in Cloud Computing", Internet of Things and Cloud Computing. Special Issue: Advances in Cloud and Internet of Things, Vol. 5, No. 5-1, pp. 13-18, SciencePG 2017, 2376-7731
- 19 Ashok V. Sutagundar, Padmaja Kuruba, Mahantesh N. Birje, "Inter-Orbital Cluster Formation and Routing in Satellite Sensor Network", Internet of Things and Cloud Computing. Special Issue: Advances in Cloud and Internet of Things. Vol. 5, No. 5-1, pp. 38-47, SciencePG 2017.
- 20 Praveen S. Challagidad, Vani S. Reshmi, Mahantesh N. Birje, "Reputation Based Trust Model in Cloud Computing", International Journal of Advances in Cloud and Internet of Things (IJACIT), Vol. 5, No. 5-1, pp. 5-12, Science PG, 2017, ISSN: 2376-7731 (Online)

- 21 Praveen S. Challagidad, M. N. Birje, "Efficient Multi-authority Access Control and Delegation using Attribute-based Encryption in Cloud Storage", International Journal of Information Technology and Computer Science (IJITCS), Vol 22. pp 1-9, Modern Education and Computer Science Press, 2016,
- 22 M. N. Birje, P. S. Challagidad, R. H. Goudar and M. T. Tapale, "Security Issues and Countermeasures in Cloud Computing", International Journal of Applied Engineering Research (IJAER), Vol. 10, No.86, pp. 234-246, Research India Publications, 2015, ISSN 0973-4562.
- 23 Mahantesh N. Birje, Sunilkumar S. Manvi, Sajal K. Das, "Reliable Resources Brokering Scheme in Wireless Grids Based on Non-Cooperative Bargaining Game", International journal of Network and Computer Applications, (Elsevier), vol. 39, no., pp. 266 - 279, Elsevier, 2014, ISSN: 1084-8045. **(Impact Factor: 5.273).**
- 24 M. N. Birje, S. S. Manvi, "Agent based Economic Scheme for Seamless Job Scheduling in Bandwidth Constrained Wireless Grids", International journal of Grid and Distributed Computing, Vol. 5, No. 1, pp. 55 - 75, 2012, ISSN: 2005-4262
- 25 M. N. Birje, S. S. Manvi, "WiGriMMA: A Wireless Grid Monitoring Model using Agents", International journal of Grid Computing, Springer link, vol. 9, no. 4, pp. 549 – 572, Springer link, 2011, ISSN: 1570-7873, **(Impact Factor: 3.288)**
- 26 M. N. Birje, S. S. Manvi, "An Effective Method for Communication of Resource Status in Wireless Grid using Agents", International journal of Multiagents and Grid Systems, vol. 7, no. 4-5, pp. 106-111, 2011,
- 27 Anupama, M. N. Birje, S. S. Manvi, "Mobility impact on the performance of WG", International Journal of Computer Science and Information Security (IJCSIS), Vol. 7, No. 1, pp. 106-111, 2010,
- 28 S. S. Manvi, M. N. Birje, "A Review on Wireless Grid Computing", International Journal of Computer and Electrical Engineering (IJCEE), Vol. 2, No. 3, pp. 469 – 474, 2010,
- 29 M. N. Birje, S. S. Manvi, "Wireless Grid Computing : A Survey", IETE journal of Education (IETEJE), Vol. 50, issue 3, pp. 119 – 131, IETEJE, 2009,
- 30 M. N. Birje, S. S. Manvi, Bhanuprasad, "Resource Discovery and Allocation in wireless Grids by using a Multiagent System", Intl. journal of Multi Agents and Grid Systems (MAGS), Vol. 2, Number 3, pp. 237 – 252, IOS Press, 2006,
- 31 M. N. Birje, S. S. Manvi, Bhanuprasad, "Agent Based Resource Allocation Model in Grid Computing ", Intl. journal of Multi Agents and Grid Systems (MAGS), Volume 1, pp. 17 – 27, IOS Press, 2005, ISSN: 1572-9184
- 32 M. N. Birje, Vijay L. Hallappanavar, " Trust Management Techniques, Models and Attacks in Cloud", International Journal of Recent Technology and Engineering (IJRTE), Volume-8 Issue-4, November 2019, ISSN: 2277-3878.

Book Chapter Publications

- 1 M N Birje, Vijay L. Hallappanavar, "Trust Management in Cloud Computing(Book Chapter)", Research Handbook on "Security Solutions for Hyperconnectivity and the Internet of Things", pp. 151 – 183 IGI Global, 2016, ISBN13: 9781522507413 EISBN13: 9781522507420, Scopus indexed.
- 2 M. N. Birje,S. S. Manvi, M. T. Tapale, "Wireless Grids", Encyclopedia of Information Science and Technology, 2015, Third Edition IGI Global, ISBN13: 9781466658882, Scopus indexed.

Conference Publications

- 1 Chetan Bulla, Mahantesh N. Birje, Multi-agent based Monitoring System for Fog Computing Environment, 2nd International Conference for Emerging Technology (INCET), 2021, pp. 1-6, IEEE 2021, Belagavi, India 10.1109/INCET51464.2021.9456165. Scopus
- 2 Vijay L. Hallappanavar, Chetan M. Bulla, Mahantesh N. Birje, ANN based estimation of reputation of newcomer web services in Fog Computing, International Conference on Computer Communication and Informatics (ICCCI -2021), pp 1-7, IEEE Xplore 2021, Coimbatore, India ISSN:2329-7190 DOI:10.1109/ICCCI50826.2021.9402656 Scopus
- 3 Praveen S. Challagidad, M. N. Birje, "Efficient Multi-authority Access Control using Attribute-based Encryption in Cloud Storage", International Conference on Computational Intelligence and Data Science (ICCIDS 2019), Elsevier Procedia of Computer Science, pp. 840-849, 2019, Gurugram, India
- 4 Praveen S. Challagidad, M. N. Birje, "Determination of Trustworthiness of Cloud Service Provider and Cloud User", 5th IEEE-International conference on Advanced Computing and Communication Systems, pp. 839-843, 2019, , Coimbatore, India, ISBN: 978-153869533-3
- 5 Manisha T. Tapale, R. H. Goudar, Mahantesh Birje, "Load Balancing using firefly approach", Proceedings of Advances in Intelligent Systems and Computing (AISC) series of Springer International Conference Advanced Computing and Intelligent Engineering , 2019,
- 6 Mahantesh N. Birje, Chetan Bulla, "Commercial and Open Source Cloud Monitoring Tools: A Review", International Conference on Emerging Trends in Engineering, Springer, pp. 480-490, 2019
- 7 Shivananda R. Poojara, Vishal B. Ghule, Mahantesh N. Birje, Nagaraj V. Dharwadkar, Performance Analysis of Linux Container and Hypervisor for Application Deployment on Clouds, IEEE International Conference on Computational Techniques, Electronics and Mechanical Systems (CTEMS 2018), Dec. 2018, pp. 24 – 29, Belagavi, India
- 8 P. S. Challagidad and M. N. Birje, "Hierarchical Attribute-based Access Control with Delegation Approach in Cloud", 4th IEEE International Conference on Computing for Sustainable Global Development, pp. 978 – 982, 2017, New Delhi, INDIA,

- 9 Praveen S. Challagidad and Mahantesh N. Birje, "Trust Management in Cloud Computing", IEEE International Conference on Smart Technologies for Smart Nation, (SmartTechCon 2017), pp. 295 – 298, 2017, REVA University Bangalore ISBN: 978-153860568-4
- 10 M. T. Tapale, R. H. Goudar, Mahantesh N. Birje, "Price Negotiation for Cloud Resource Provisioning", IEEE International Conference on Smart Technologies for Smart Nation, (SmartTechCon 2017), 2017, REVA University Bangalore
- 11 R H Goudar, M N Birje, "Dynamic Adaptation in Cloud for Efficient Resource Management", Proceeding of ICC 2015, McGraw Hill Education, PP 204-209 2015,
- 12 Mahantesh N. Birje, Praveen Challagidad, M.T. Tapale, R.H.Goudar, "Security Issues and Countermeasures in Cloud Computing", 2nd International Conference on Data Engineering and Communication Systems (ICDECS 2015), pp. 71-75, 2015, Bengaluru, India
- 13 M. N. Birje, M. T. Tapale, "ಗ್ರಾಮೀಣ ಅಭಿವೃದ್ಧಿಗಾಗಿ ಮಾಹಿತಿ ಮತ್ತು ಸಂವಹನ ತಂತ್ರಜ್ಞಾನ", ISBN: 9th Kannada Vijnana Sammelana, 2013, Bagalkot, INDIA
- 14 M. N. Birje, S. S. Manvi, "Reliability Model for Resource Allocation in wireless grids", 4th IEEE ICECT, Vol. 3, pp. 679 - 683, 2012, Kanyakumari, India
- 15 M. N. Birje, S. S. Manvi, "Resource pricing Strategy in wireless grids using Noncooperative Bargaining Game", 2nd IEEE Int. Conference on Parallel, Distributed & Grid Computing, (PDGC), pp. 61 – 66, 2012, Himachal Pradesh, INDIA ISBN: 978-1-4673-2925-5
- 16 M. N. Birje, S. S. Manvi, "Multiagent Model for Device State Control in Wireless Grid", 3rd IEEE International Conference on Electronics Computer Technology – ICECT, pp. 456-460, 2011, Kanyakumari, India, ISBN: 978-142448677-9
- 17 M. N. Birje, S. S. Manvi, Chetan B, "Economical Job Scheduling in Wireless Grid", 3rd IEEE International Conference on Electronics Computer Technology - ICECT 2011, pp. 461-465, 2011, Kanyakumari, India ISBN: 978-142448677-9
- 18 M. N. Birje, S. S. Manvi, "Monitoring and Status Representation of Devices in Wireless Grids", Grid and Pervasive Computing 2010 (GPC 2010), Lecture Notes in Computer Science (LNCS) Springer Link, Vol. 6104, pp. 341–352, 2010, Taiwan ISSN: 0302-9743
- 19 M. N. Birje, D. P. Mankame, "Secured Authentication In WiMAX MAC Layer : A Threshold Cryptography Approach", National Conference on Computer networks (NCCN 2009), 2009, Bangalore
- 20 S. S. Manvi, M. N. Birje, P. V. Kulkarni, Rashmi K, Roopa K. N, "GooOptimizer: Web Search Optimization", National Conference on Wireless Networks (NCoWN-09), 2009, Doddaballapur, Karnataka

- 21 S. S. Manvi, M. N. Birje, "Device Resource Monitoring System in Wireless Grids", International Conference on Advances in Computing, Control, and Telecommunication Technologies (ACT 2009), 28-29, 2009, pp. 260-264, 2009, Trivandrum, Kerala, India. ISBN: 978-076953915-7
- 22 M. N. Birje, S. S. Manvi , M S Kakkasgeri, S V Saboji, "Prediction based handover in Multi traffic wireless Communication: Agent based approach", Int. Conf. on Information, Communication, & Signal Processing, 2007 (ICICS 2007), 2007, Singapore ISBN: 978-1-4244-0983-9
- 23 A.V. Sutagundar, S.S. Manvi, M.N.Birje, "Agent based Location Aware Services in Wireless Mobile Networks", IEEE AICT 07, Mauritius (The 3rd Advanced International Conference on Telecommunications), 2007, Morne, Mauritius
- 24 S.S. Manvi, M.N.Birje, A.V Sutagundar, "Dynamic Bandwidth Allocation Scheme For MANETs By Using Mobile Agents", IICT 07, (International Conference on Information Technology), 2007, Dehradun
- 25 S.S. Manvi, A.V Sutagundar M.N.Birje, "RFID scheme in MANET", IICT 07, (International Conference on Information Technology), 2007, Dehradun
- 26 M. N. Birje,S. S. Manvi, Bhanuprasad, "Cost Effective Job Scheduling and Load Balancing in Wireless Grids", IEEE International Conference on Service Computing – IEEE SCC 2006, 2006, Florida, USA
- 27 M. N. Birje, S. S. Manvi, "Agent based Resource Discovery and Allocation in Wireless Computational grids", International Conference on Resource Utilization and Intelligent Systems (INCRUIS 2006), 2006, Tamil Nadu, INDIA
- 28 S. S. Manvi, M. N. Birje, Bhanuprasad, "Agent Based Resource Allocation Model for Grid Computing", IEEE International Conference on Service Computing (SCC-2005), 2005, Orlando, Florida, USA
Print ISBN: 0-7695-2408-7

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