

## Dr. BadariNath.K

### List of National Conference publications

1. Karthik.M.U, PolaNagarjun,BadariNath.K, "Remote monitoring and Controlling approaches for Various Industrial requirements", at National Conference on "Multimedia Technology & communication System" held at Malnad College of Engineering, Hasan, an autonomous institution under VTU (under TEQUIP-II) on 5&6th May 2014
2. Rakesh R,BadariNath.K, "Global Platform for Unified Mobile Application Development", at National Conference held in Shirdi Sai Engineering College, 2010-11, Bengaluru
3. Kala L, BadariNath.K, "A Brief Study of Various Methods used in Remote Monitoring and Control Systems", National Conference On Information Processing, May 15-16, 2013, AMC Engineering College
4. Paper Title – “PROJECT LOON – BALLOON POWERED INTERNET TO EVERYONE”, Sandesh S Samaka , Prof. Badarinath K , NATIONAL CONFERENCE on “Knowledge Dissemination of PG Projects & Research Works”, jointly organized by Sustainability Management, Internal Quality Assurance Cell, RVCE and IEEE students Chapter held at RVCollege Of Engineering 7-8<sup>th</sup> May 2018
5. Rohan KH, Navanika Reddy, Pranamya Mady, Sachit Girish, Dr. Badari Nath K, “IOT BASED SMART GAS LEAKAGE DETECTION & ALERTING SYSTEM”, 3 rd National Conference on “Recent Trends in Computer Science and Information Technology” [RTCSIT-2021], Sri Krishna Institute of Technology, Bengaluru – 560090, 11-June-2021
6. Presented Case Study Report on P2BL, @ Mini Symposium on P2BL, organized by IUCEE (Indo US Collaboration for Eng. Education), held on 9th,10th November, 2021. (Awarded Best/Deserving Case Study Report )
7. Ganesh J Bannur, Ashutosh M Bharadwaj, Allen Joel Lobo, Ishan Kaushik, Dr. Badari Nath K, “Smart Parking Guidance System”, 4<sup>th</sup> National Conference on “Recent Trends in Computer Science and Information Technology” [RTCSIT-2021], Sri Krishna Institute of Technology, Bengaluru – 560090, 11-June-2021

### List of International Journals publications

1. Badari Nath K, Shantharam Nayak, Revanur Ambareesh, S.Ganesan, C.Srinivasa Reddy, " Design & Development of Electronic Jacquard for Korai mat weaving loom ", Indian Journal of Fabre & Textiles Research (IJFTR,CSIR-NISCAIR),Vol.44,**September 2019**, pp 360-364, (ISSN: 0971-0426, <http://nopr.niscair.res.in/> , scopus indexed)
2. Badarinath Kamasetty, Mahesh Renduchintala, Lochan Lingaraja Shetty, Suresh Chandrashekar, Rajashree Shettar, “Design & Development of Portable smart traffic signalling system with cloud-artificial intelligence enablement”, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 26, No.1, **April 2022**, pp. 116-126, ISSN: 2502-4752, DOI:10.11591/ijeecs.v26.i1.pp116-126 (scopus indexed)

3. Badari Nath K, Suhas Poornachandra, Tanmay S H, Yatish H R, Vishal Gowda, Venkatesh D N, “*Novel Smart Water Metering and Management System for Smart Cities*”, International Journal of Computer Sciences and Engineering, Vol.7, Issue.3, pp.136-143, **2019**. (e-ISSN: 0975–3397, <http://www.enggjournals.com/ijcse/index.html>)
4. Prof. Badari Nath. K, Prof. Shantharam Nayak , “High Performance Software Tool For Saree Weaving Using Electronic Jacquards”, International Journal of Innovative Technology & Research,(IJITR), Vol 4, Issue. 4, **2016**, ISSN 2320-5547
5. Prof. Badari Nath. K, Prof. Shantharam Nayak, “Design of Novel Electronic Jacquard with MasterSlave Architecture & Design Partitioning”, International Journal Of Innovative Technology And Research (IJITR), Vol .4, Issue .4, June – July **2016**, pp. 3139 – 3146, ISSN 2320-5547 (web of science / scopus indexed journal)
6. Roopa.M.R, BadariNath.K, "Textile Image Processing for Real-Time Application", published in International Journal of Mechanical and Computer Applications, Vol-1,Issue No.4,Page No. 70-74,**August 2013** (ISSN 2320-6349)
7. GururajP,BadariNath K, "Cloud Computing Server Operating System Availability Enhancement by Utilizing the USB Flash and SD Card Devices", published in Int. Journal of Scientific and Research Publications, Vol.3,Issue4,**April 2013** (ISSN 2250-3153)
8. Srinivas Nakka, BadariNath.K, " Emulation of Automotive Communication protocol Single Edge Nibble Transmission(SENT) using Aurix Family of Microcontrollers", in the International Journal of Computer Trends and Technology, Volume 4, Issue 6-**2013** (ISSN:2231-2803)
9. Supriitha K, Badari Nath K, “ Development Operations for Continuous Delivery”, International Research Journal of Engineering and Technology (IRJET),Volume: 06, Issue:05, pp.5835-5840, **May2019** (e-ISSN:2395-0056,p-ISSN:2395-0072)
10. Akarshita Shankar, Ramesh Shetty, Badari Nath K, ”A Review on Phishing Attacks”, International Journal of Applied Engineering Research, Volume 14, **Number 9 (2019)**, pp. 2171-2175 ( ISSN 0973-4562 )
11. Tanvi Chadaga , Sriya C Elavarthy, K.Badarinath, “ Smart Rooftop Irrigation System”, International Journal Of Science & Engineering Development Research(IJS DR),Volume-4,Issue-8, **2019**, (ISSN 2455-2631, <https://www.ijedr.org/index.php>)
12. Sukriti Yadav, Rakshith H.V., K. Badari Nath, “ A Survey on Cloud Computing Providers and Applications”, International Journal of Computer Sciences and Engineering (IJCSE), Vol.8, Issue.5, **May 2020** (E-ISSN: 2347-2693)
13. Jayashri V , K Badari Nath, “IoT Data Analytics Pipeline using Elastic Stack and Kafka”, International Journal of Computer Sciences and Engineering(IJCSE), Vol.8, Issue.5, **May 2020** (E-ISSN: 2347-2693)
14. Rohith Raj S, Dr. Badari Nath K, “ A Comparative Study of using Virtual Machine and Docker Container for deploying a ReactJS web application”, International Research Journal of

Engineering and Technology (IRJET), Volume: 07, Issue: 05, **May 2020** (e-ISSN: 2395-0056; p-ISSN: 2395-0072)

15. Varsha S K, Dr.K. Badari Nath, Anitha Sandeep, “ ANALYSIS OF FRAMEWORKS AT BACK END DEVELOPMENT FOR CUSTODY BANKING SECTOR”, International Research Journal of Engineering and Technology (IRJET), Volume: 07, Issue: 04, **Apr 2020** (e-ISSN: 2395-0056 , p-ISSN: 2395-0072)
16. Anil Kumar M S , Badarinath K , “Automation of Pipeline through Jenkins”, Wutan Huatan Jisuan Jishu (WHJJ Journal), Volume XVI, Issue VI, **JUNE/2020** , Page No:349 -355 (ISSN:1001-1749; <http://wthtjjs.cn> )
17. Anam Fathima, Dr. Badarinath K, “Trends in Automated Regression Testing Frameworksand Techniques” , High Technology Letters, Volume 27, Issue 6, **2021**, ISSN NO : 1006-6748, doi.org/10.37896/HTL, <http://www.gjstx-e.cn/>
18. Sarayu Vyakaranam, Badari Nath K, “A Bayesian Approach to Evaluate Online Rating Systems”, International Journal of Scientific Research and Engineering Development, Volume 4, Issue 3, **May-June 2021**, ISSN:2581-7175, [www.ijrsred.com](http://www.ijrsred.com)
19. Abijith Trichur Ramachandran, Abhishek R, Mamatha G.S, Rashmi R, Badrinath K, Manojkumar Parmar, “Understanding Migration from Monolithic to Microservice Architecture and its Challenges”, International Journal of Scientific Research and Engineering Development (IJSRED), Volume 4, Issue 3, pp.1743-1752, May -**June 2021**, ISSN : 2581-7175, [www.ijrsred.com](http://www.ijrsred.com)
20. Purvi G R ,Dr. K Badari Nath,” Comparative Study of MongoDB and Other Databases”, International Journal of Scientific Research and Engineering Development— Volume 4 Issue 3, ,pp.1356-1363, **May -June 2021**, ISSN:2581-7175, [www.ijrsred.com](http://www.ijrsred.com)
21. Ganesh J Bannur , Ashutosh M Bharadwaj , Allen Joel Lobo, Ishan Kaushik, Dr. K Badari Nath, “Smart Parking Guidance System”, International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol 10, Issue 12, Special Issue – 2022, RTCSIT - 2022 Conference Proceedings (<https://www.ijert.org/rtsit-2022-volume-10-issue-12>)

### **List of International Conference publications**

1. Prof.Badari Nath.K, Dr.Shantharam Nayak, Dr.Ganesan, “Design & Development of Electronic Jacquard, Mechanism & Software to Korai Mat Weaving Loom”, International Conference on Innovative Research in Science, Technology and Management, **National University(NUS), Singapore, 16-17 September , 2017 (Excellent Paper Award)**
2. B Chirag, AE Manjunath, BadariNath.K, "Design and implementation of cost effective surveillance robot", at IEEE Asia-Pacific Computer Aided System Engineering (APCASE) conference, 10-12 Feb. 2014, South Kuta, Indonesia

3. B Chirag, AE Manjunath, BadariNath.K, "An Intelligent cloud based cost effective surveillance robot", IEEE 2nd International Conference on Emerging Technology Trends in Electronics, Communication and Networking (ET2ECN), 26-27 December,2014, Surat, India
4. Ravi Kiran.M.D.T, BadariNath.K, "SAGA GIS - A Review", at International Conference On Research in Business Management & Information Technology, RNSIT, 2015, Benagaluru
5. Chandan N Bhagwat, Y Navaneeth Krishnan, K Badrinath, "Cloud based intruder detection system", IEEE International Conference on Electronics and Communication Systems (ICECS)", 26-27 Feb. 2015, Coimbatore, India .
6. RevanurAmbareesh, BadariNath.K, " Binary Image Scaling for Miniature Monochrome Embedded Displays Using Mathematical Discretization", at IEEE International Advanced Computing Conference at BMSCE, **June12-13, 2015**,Bengaluru
7. Shrutheesh Raman Iyer , Soumadeep Basu, Sukriti Yadav, Varun M Vijayanand, **Prof. K .Badari Nath** ,"Reasonably Intelligent Mirror ", IEEE 3rd International Conference on International Conference on Computational Systems and Information Technology for Sustainable Solutions **2018** (CSITSS-2018), 20-22<sup>nd</sup> December, RV College Of Engineering, Bangalore, India. **IEEE Xplore (ISBN: 978-1-5386-6078-2; pp. 302-306,doi: 10.1109/CSITSS.2018.8768748).**
8. Shivam Maheshwari , Siddhant Shrivatsava, Vatsalya Singhal, Vijay Ravi , Prof. K. Badari Nath , "Cost-effective and self-regulating digital noticeboard systems ", IEEE 3rd International Conference on International Conference on Computational Systems and Information Technology for Sustainable Solutions **2018** (CSITSS-2018),20-22<sup>nd</sup> December, RV College Of Engineering, Bangalore, India. **IEEE Xplore (ISBN: 978-1-5386-6078-2; pp. 240-246, doi: 10.1109/CSITSS.2018.8768775)**
9. Dipayan Sinha, Karthik Cottur, Keerthan Bhat H, Guruprasad C , Badari Nath K Automated Billing System using RFID and Cloud, 22-23 March, i-PACT,VIT, Vellore, 2<sup>nd</sup> International Conference on Innovations in Power and Advanced Computing Technologies, **i-PACT-2019**, Technically co-sponsored by IEEE-IAS in association with IEEE-NPSS-VIT
- 10.Dr. Ganesan S. - RuTAG, IIT-Madras, **Prof. Badari Nath K.** – RVCE, "Design and Development of Mechanical and Electronic Jacquard Handloom for Fine-Korai-Mat Weaving", 1<sup>st</sup> International Conference on Rural Technology Development and Delivery :RuTAG and its synergy with the other initiatives , **March 9-11, 2018, IIT Delhi, India**, Paper ID 7-Page 17  
  
Conference proceedings published in **Springer book series** :Design Science and Innovation. Springer, Singapore,pp 335-346  
[https://link.springer.com/chapter/10.1007/978-981-13-6435-8\\_25](https://link.springer.com/chapter/10.1007/978-981-13-6435-8_25); **Print ISBN** 978-981-13-6434-1, **Online ISBN** 978-981-13-6435-8
- 11.Sathvik C, Srishti Moorthy, Nidhi K, Dr. Badari Nath K, "SmartZ COVID-19 Smart Door", 2021 IEEE International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS), Hosted by RV College Of Engineering, Bangalore and Florida International University, Miami,USA, 16<sup>th</sup> **December, 2021**, ISBN: 978-1-6654-0610-9/21. **(Best Paper Award)** <https://doi.org/10.1109/CSITSS54238.2021> ; <https://ieeexplore.ieee.org/xpl/conhome/9682669/proceeding>