



1. **Name of Faculty:** Dr. Bashir Najir Jamadar
2. **Designation:** Assistant Professor
3. **Type of Appointment:** Regular
4. **Qualification:** M. Sc, NET, Ph. D
5. **Degree/Diploma:** Degree
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8. **Research Area:** Power Electronics, Embedded System
9. **Number of Publications:** 18

Conference		Journal	
National	International	National	International
03	09	05	13

10. **Bio sketch (150 Words max.)**

He is currently working as Assistant Professor in Physics at Humanities and Science Department at Walchand College of Engineering, Sangli. He joined WCE at 2014. He

received B.Sc. (Physics) degree in 1999 from Smt. Kasturbai Walchand College, Sangli and M.Sc. (Electronics Science) degree in 2002 from P.G. Centre Solapur affiliated to Shivaji University, Kolhapur. He qualified NET Examination conducted by UGC at 2012. He has awarded Ph.D. in March-2021 at Punyashlok Ahilyadevi Holkar Solapur University, Solapur. He is actively involved in various activities with different capacities like Chief Rector (Hostel Section), Coordinator of NRI admission, Co-coordinator of SIP. He has awarded by “Prerana Puraskar” by Ex. Forest Minister Dr. Patangrao Kadam, Government of Maharashtra at Jaibharat Vidyalaya, Vasagade in the year 2013-2014.

List of Publication Publications:

1. DESIGN OF PWM CONTROLLED THREE PHASE INDUCTION MOTOR DRIVE WITH SOFT-START AND REDUNDANCY B. N. Jamadar, K. V. Madhale, D. S. Sutrave International Conference on Circuits and Systems in Digital Enterprise Technology (ICCSDET)-2018 at Saintgits College of Engineering, Kottayam, Kerala. Date of Conference: 21-22 Dec. 2018, Date Added to IEEE Xplore : 02 September 2019, ISBN Information: INSPEC Accession Number: 18959567, DOI: 10.1109/ICCSDET.2018.8821167/Publisher: IEEE.
2. DESIGN AND DEVELOPMENT OF CONTROL SYSTEM FOR THREE PHASE INDUCTION MOTOR USING PIC MICROCONTROLLER, B. N. Jamadar, S.R. Kumbhar, P.M. Gavhane, D. S. Sutrave, Third International Conference on Advances in Control and Optimization of Dynamical Systems, ACODS-2014 at Indian Institute of technology (IIT) Kanpur, DOI: 10.3182/20140313-3-IN-3024.00072, Page no. 807-811, Published in Science Direct, ELSEVIER Journal, IFAC Proceeding Volume.
3. PWM CONTROLLERD CALIBRATED THREE PHASE INDUCTION MOTOR DRIVE, Bashir N. Jamadar, P. M. Gavhane, D. S. Sutrave, National Conference on “Recent Trends and Innovations in Research Field of Science, Humanities and Languages at Willingdon College, Sangli on Feb-2019, International Journal of Research and Analytical Reviews (IJRAR), March-2019, Volume 6, Issue 1, Page no. 920-925. E-ISSN 2348-1269, P- ISSN 2349-5138, Published in International Journal of Research and Analytical Reviews (IJRAR).
4. PIC BASED SPEED CONTROL OF THREE PHASE INDUCTION MOTOR VIA SINGLE PHASE SUPPLY, Bashir Jamadar, Suresh Kumbhar, Preeti Joshi, Sangeeta

- Jogade, Dattatraya Sutrave, DAV International Journal of Science Volume-2, Issue-1, January, 2013, ISSN: 2277-5536 (Print); 2277-5641 (Online), Page no. 53-62, Published in DAV Journal of Science.
5. PIC MICROCONTROLLER BASED SPEED CONTROL OF THREE PHASE INDUCTION MOTOR USING SINGLE PHASE SUPPLY, B. N. Jamadar, S. R. Kumbhar, D. S. Sutrave, National Conference on Computer, Communication and Information Technology held at Sinhgad Institute of Comp. Sci., Pandharpur, International Journal of Research in Computer Science and Information Technology. ISSN No.: 2319-5010 I Vol. 1 I Issue 1(A) I Feb. 2013, Page no. 37-43, Published in IJRCSIT Journal.
 6. PWM TECHNIQUE EMPLOYED FOR SPEED CONTROL OF THREE PHASE INDUCTION MOTOR USING MICROCONTROLLER, B. N. Jamadar, S. R. Kumbhar, P. A. Lohar, D. S. Sutrave, National Conference on Advanced Nanomaterial, Sensors and Instrumentation (NCANSI 2010-11) organized by Dayanand College, Solapur, Proceeding of National Conference on Advanced Nanomaterial, Sensors and Instrumentation (NCANSI 2010-11).
 7. PWM TECHNIQUE FOR SPEED CONTROL OF THREE PHASE INDUCTION MOTOR USING SINGLE PHASE SUPPLY WITH PIC MICROCONTROLLER, B. N. Jamadar, P.M. Gavhane, D. S. Sutrave, In State level seminar on recent developments in embedded technology at K.B.P. College, Pandharpur on 21th and 22nd Dec. 2012.
 8. DESIGN OF EMBEDDED SYSTEM FOR GAS SENSING USING NANO CRYSTALLINE NICKEL FERRITE, K.V. Madhale, B. N. Jamadar, M. Y. Salunkhe, D. S. Sutrave, International Conference on Environment and Energy. (ICEE-2014) held at Jawaharlal Nehru Technological University, Hyderabad, ISBN: 978-93-81212-96-7 Page No.44-45.
 9. DESIGN OF EMBEDDED SYSTEM FOR WATER QUALITY MONITORING", P.M. Gavhane, B. N. Jamadar, D. S. Sutrave, National Conference on Advances in Wireless sensor network and its Applications (NCAWSNA-2014) during 12-13 December, 2014" at Shankarrao Mohite Mahavidyalaya Akhuj, Published in proceeding of NCAWSNA 2014.

- 10. STRUCTURAL AND GAS SENSING PROPERTIES OF SPRAYED ANTIMONY DOPED TIN OXIDE THIN FILMS**, P. S. Joshi, D. S. Sutrave, S. M. Jogade, B. N. Jamadar, 16th International workshop on Physics of Semiconductor Devices held at Indian Institute of technology (IIT) Kanpur, edited by Y. N. Mohapatra, B. Mazhari, M. Katiyar, Vol. 8549, 85490Y @ 2012 SPIE CCC code: 0277-786/12/\$18, DOI: 10.1117/12.926870, Published in Proc. Of SPIE
- 11. MOCVD OF COBALT OXIDE USING CO-ACTYLACETONATE AS PRECURSOR: THIN FILM DEPOSITION AND SUDY OF PHYSICAL PROPERTIES**, S. M. Jogade, P. S. Joshi, B. N. Jamadar, D. S. Sutrave, International Symposium on Semiconductor Materials and Devices organized by M. S. University Baroda, Vadodara, 3 (2011) No. 1. Page No. 203-211, PACS No. 47.70, n, 68.49., Published in Journal of Nano-Electron, Physics.
- 12. COBALT OXIDE THIN FILMS: STRUTURAL, MORPHOLOGICAL AND OPTICAL PROPERTIES**, D. S. Sutrave, S. M. Jogade, B. N. Jamadar, P. S. Joshi, 1st International Conference on Physics of Materials and Material based device fabrication. (ICPM-MDF-2012) held at Shivaji University, Kolhapur, Published in proceeding of ICPMMDF 2012.
- 13. EVALUATING AN ENSEMBLE MACHINE LEARNING BASED DIABETIC MEDICAL ILLNESS ANALYTICS PLATFORM FOR E-HEALTHCARE**, Dodla S. Rao, Mudra Narasimharao, Bashir N. Jamadar, Anil A. Powar, B. B. Vhankhande, 2025, International Conference on Communication, Image Processing and Computing, (ICCIPC), Jointly Organized by Department of Electronics Engineering, Information Technology and Computer Science & Engineering, Walchand College of Engineering, Sangli, on 10-11 March 2025, Published in Journal of Harbin Engineering University, ISSN: 1006-7043, Vol 46 No. 5, May 2025