



MS. KANCHAN BADE

DESIGNATION: ASSOCIATE PROFESSOR &
HEAD, DEPARTMENT OF ELECTRONICS

ACADEMIC QUALIFICATION: M. TECH.
(ELECTRICAL ENGINEERING) (INTEGRATED
POWER SYSTEM)

WORK EXPERIENCE: 22 YEARS

Research Contribution

- Paper titled '*Digital Signal Processing (DSP) Applications to Power System Protection*' in Research Journal - Half Yearly Journal of Science, Arts, Social Science, Commerce, Home Science & Home Science Technology of L.A.D & Smt. R.P. College for Women, Nagpur ;Volume 2, No.(2), 2006, pp 1 – 6
- Paper titled '*Protection of Transmission Lines using a Fault Locator*' in Research Journal - Half Yearly Journal of Science, Arts, Social Science, Commerce, Home Science & Home Science Technology of L.A.D & Smt. R.P. College for Women, Nagpur ;Volume 3, No.(2), 2007 - 2008, ISSN 0974 - 0317, pp 1 – 5
- Paper titled '*Power System Protection – A Digital Signal Processing (DSP) Approach*' in Research Journal - Half Yearly Journal of Science, Arts, Social Science, Commerce, Home Science & Home Science Technology of L.A.D & Smt. R.P. College for Women, Nagpur ;Volume 4, No.(2), 2008 - 2009, ISSN 0974 - 0317, pp 1 – 5
- Paper titled '*Protection of Transmission Lines using a Digital Relay*' in Research Journal - Half Yearly Journal of Science, Arts, Social Science, Commerce, Home Science & Home Science Technology of L.A.D & Smt. R.P. College for Women, Nagpur ;Volume 5, No.(2), 2009 - 2010, ISSN 0974 - 0317, pp 1 – 5
- Paper titled '*Design of Filters for Digital Distance Relays*' in Research Journal - Half Yearly Journal of Science, Arts, Social Science, Commerce, Home Science & Home Science Technology of L.A.D &

Smt. R.P. College for Women, Nagpur ;Volume 6, No.(2), 2010 - 2011, ISSN 0974 - 0317, pp 1 - 4

- Paper titled '*Digital Protection of Extra High Voltage (EHV) Transmission Lines*' in Research Journal - Half Yearly Journal of Science, Arts, Social Science, Commerce, Home Science & Home Science Technology of L.A.D & Smt. R.P. College for Women, Nagpur ;Volume 7, No.(2), 2011 - 2012, ISSN 0974 - 0317, pp 13 - 17
- Paper titled '*Digital Protection of Transmission Lines*' in Research Journal - Half Yearly Journal of Science, Arts, Social Science, Commerce, Home Science & Home Science Technology of L.A.D & Smt. R.P. College for Women, Nagpur ;Volume 10, No.(2), 2014, ISSN 0974 - 0317, pp 1 - 5
- Paper titled '*Power System Protection using Digital Signal Processing Approach*' in Research Journal (A Peer - reviewed Journal) - Half Yearly Journal of Science, Arts, Social Science, Commerce, Home Science & Home Science Technology of L.A.D & Smt. R.P. College for Women, Nagpur ;Volume 11, No.(2), 2015, ISSN 0974 - 0317, pp 1 - 5
- Paper titled '*Protection of Transmission Lines using a Fault Locator*' in AE International Journal of Multidisciplinary Research, Volume 4, Issue 3, May - June 2016, pp 17 - 20
- Paper titled '*Smart Grid - An Intelligent Power System : Review and Future Challenges*' in International Research Journal of Engineering and Technology (IRJET) Volume 07, Issue 04, April 2020, Impact Factor value - 7.529, e - ISSN : 2395 - 0056, p - ISSN : 2395 - 0072, pp 3910-3913
- Paper titled '*Renewable Energy in India- An Overview and Future Prospects*' in Compliance Engineering Journal, Volume 11, Issue 6, June 2020, Impact Factor value - 6.2, ISSN : 0898 - 3577, pp 35 - 41
- Paper titled '*Detection of Brain Tumour using Image Processing*' in Research Journal - Half Yearly Journal of Science, Arts, Social Science, Commerce, Home Science & Home Science Technology of L.A.D & Smt. R.P. College for Women, Nagpur ; Volume 16, No.(2), 2020, ISSN 0974 - 0317, pp 53 - 60 (Co - Author)

- Paper titled '*Artificial Intelligence - Applications and Relevance to Soft Computing*' in Research Journal - Half Yearly Journal of Science, Arts, Social Science, Commerce, Home Science & Home Science Technology of L.A.D & Smt. R.P. College for Women, Nagpur ;Volume 17, No.(2), 2021, ISSN 0974 - 0317, pp 88 – 93 (Co – Author)
- Paper titled '*Footprints of Artificial Intelligence in Climate Change*' in International Journal for Research in Applied Science & Engineering Technology – International Peer Reviewed Open - Access & Multidisciplinary online Journal, SJIF Impact Factor 7.538, ISRA Journal Impact Factor 7.894, Vol 12, Issue IV, April 2024, ISSN 2331 – 9653, pp 4972 – 4975 (Co – Author)
- Published a paper titled '*Inculcating Ethical Values in Today's Gen Next - Need of the Hour*' in the Proceedings of NAAC Sponsored **National Conference** on 'New Guidelines for Assessment and Accreditation' organized by IQAC Cell, L.A.D & Smt. R.P. College for Women, Nagpur, on 21 September 2019, ISBN 978-93-80985-21-3, pp 66 – 69 (Co – Author)

Contribution at University Level

- Chairman - Board of Studies in Applied Electronics Technology since 1 May 2020
- Member - Board of Studies in Applied Electronics Technology since 2003
- Member – Subject Examination Committee in
 - 1) Applied Electronics Technology since 2003
 - 2) Master of Cosmetic Technology (PG) – 2009 , 2012 - 2014
 - 3) Hotel Management & Catering Technology - 2011
- Paper Setting & Valuation from 2002 till 2020
- Framing of Scheme & Syllabus
 - 1) Bachelor of Applied Electronics & Software Technology (Semester Pattern) - 2016
 - 2) B. Sc. (Applied Electronics & Software Technology) as per NEP 2020 – 2023 till date

College Committee Level Responsibilities

- Admission Committee – Convenor
- Alumnae Association (Sugandh) Committee – Member
- Attendance Committee – Convenor
- Canteen Committee – Member
- Cleanliness Committee – Member
- IQAC Co Coordinator
- College Website Updation Committee – Member
- Cultural Fest 'AURA' Committee – Member
- Examination Committee (Internal Exam) – Member
- Feedback Committee – Member
- Health Committee – Member
- Library Committee – Member
- Mentor Committee – Member
- National Service Scheme (NSS) Unit II – Member
- Parent Teacher Association Committee – Member
- Parking Committee – Member
- Prize Distribution Committee – Member
- Research Advisory Committee – Member
- Results and Students Progression Committee – Member
- Stock Verification Committee – Member
- Timetable Committee – Member
- University Activity (Unifest) Committee – Member
- Water & Electricity Management Committee – Member
- Entrepreneurship Development Cell – Member
- Students Quality Assurance Cell (SQAC) – Member
- Training & Placement Cell – Member
- Electoral Literacy Club – Member
- Digital Media Club – Member
- College Development Committee (CDC) - Member