

**Government Girls Degree College**

**Ahiraula, Azamgarh**

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Research Publication

(Peer Reviewed International and National Journal/ UGC Care with DOIs)

Prof. (Dr.) Mahendra Prakash

**Publications (India and Abroad):**

**Articles:**

- “Impact of Government Policies on Women Workforce in Japan”, IOSR-JMR, Sep-Oct 2025. ISSN: 30487439. DOI: 10.9790/7439-0205013541.
- “Mahakumbh Ewam Astha: Samajik Pariprekshya”, IJRAR, June 2025, Issue 2, Vol. 12, 28 June 2025. ISSN (E) 23481269, DOI: <https://doi.org/10.56975/ijrar.v12i2.316741>.
- “Attributes of Disaster Prevention in Japan”, CASIRJ, August 2024, Vol 15, Issue 8, ISSN: 23199202, DOI: <https://doi.org/10.32804/CASIRJ>.
- “Zainichi Koreans in Japan and Their Rights as Foreign Nationals”, IOSR, July 2024, ISSN: 22790845. DOI: 10.9790/0837-2907063945.
- “AI in Japanese Socio-Economic Sphere and Ethical Approach”, IJCRT, July 2024, ISSN: 23202882. DOI: <http://doi.one/10.1729/Journal.4052>.
- “Bharat Japan Dwipakshiya Samjhauton Ka Samrik Mahtva Aur Vartman Sthiti”, Gyan Garima Sindhu, Published July 2024, Issue July-September 2023, ISSN, 23202882.
- “Transformation in Japan During Meiji Era and Later Years”, Innovation The Research Concept, May 2023, ISSN: 24565474.
- “Local Government System and Welfare Policy in Japan”, Anthology, August 2021, ISSN: 24564397.
- “Meiji Era and Political Modernization in Japan”, Anthology, SRF Kanpur, January 2021, ISSN: 24564397.
- “Covid-19 and the Japanese Approach”, Review Article/ Commentary-NIICE Nepal, 02 May 2020.
- “Consequence of Opposition Parties in Japan”, Remarking An Analisation, Published by Printing Area, May 2019, ISSN: 23945303.
- “Japan-Russia Relations and Island Issues”, Shrinkhla Ek Shodh Vaicharik Patrika, April 2019, E ISSN: 2349980X.
- “Japanese Education System: A model for Asian Countries”, Remarking An Analisation, April 2019, ISSN: 23940344.

- “Policy and Politics of Communist Party in Japan”, Published by Printing Area, December 2018, ISSN: 23945303.
- “Innovation in Japan and Government Policies”, Published by Vidyawarta, October-December 2018, ISSN: 23199318.
- “Western Humanitarian Approach and Gandhian Practice in India”, Indian Journal of Political Science, Indian Political Science Association, Meerut, April 2017, ISSN: 00195510.
- “Japan-US Relations and Policies of LDP”, Published by Vidyawarta, October-December 2017, ISSN: 23199318.
- “Japanese Investment in India: Bilateral Relations and Beyond”, Published by Innovation The Research Concept, December 2017, ISSN: 24565474.
- “Japan-India Peaceful Nuclear Agreement: Achievement and Implications”, Published by Remarking An Analisation, November 2016 (supplementary issue), ISSN: 24550817.
- “Global Higher Education Procedure and Inventive Practices in India”, Published by Shrinkhla Ek Shodh Vaicharik Patrika, November 2016, ISSN: 2349980X.
- “Belligerent North Korea and Geopolitics: Peace Defied”, Published by *Korea Defense Review*, Seoul, South Korea, 4, 2016.
- “*Japan Mein Jansankhikiya Sthiti Ewam Arthvyavastha Par Prabhaav*”, Vidyawarta, Beed, Maharashtra, Jan-March 2016, ISSN: 2319 9318.
- “Politics of Ethnic Struggle and Ethnic Nationalism: The Global Apprehension”, Vidyawarta, Beed, Maharashtra, March 2014, ISSN: 2319 9318.
- “China Today and Regional Balance in East Asia”, Published by-Uttar Pradesh Government Colleges Academic Society, Rampur, 2013.
- “Conventional Education and Social Values in India: Changing Patterns in Higher Education”, Changing Scenario of Higher Education: Conventional versus Professional Courses, Government PG College, Ghazipur, UP, India, ISBN: 978-93-5087-230-7.
- “International Human Rights Norms in India and Implementation Mechanisms”, Human Rights in 21<sup>st</sup> Century, Published by Central University Tripura, 02 December 2012.
- “Distance Education and Growth of Higher Education Enrolment”, Published by-Uttar Pradesh Government Colleges Academic Society, Lucknow, September 2012, ISSN: 22490671.
- “Environmental Changes and Global Warming: Intergovernmental Efforts on Kyoto Protocol”, Published by-Uttar Pradesh Government Colleges Academic Society, Lucknow, March 2011.
- “Changes in Higher Education Growth of Indian Economy”, Higher Education in India: Present Scenario and Future Prospects, Government Degree College Academic Society-Uttar Pradesh, 2011.
- “The Kyoto Protocol and Political Will On Curbing the Global Warming”, Published by-DBS College, Kanpur, UP, December 2010.
- “Continuation of Nuclear Advancement in North Korea and Japan-US Alliance *Political Change in Japan: Establishing Peace in East Asia*”, *Korea Defense Review* (Translated in Korean Language), October 2009. (Translated Version in Korean

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- “SAFTA in South Asia”, *South Asia Politics*, April 2007, New Delhi.
- “Coalition Politics in Japan: Case Study for a Decade- 1993-2003”, *Journal of Japanese Studies*, Vol. II, Jan-Dec 2004, *Journal of Japanese Studies*, Banaras Hindu University, Varanasi, India.

#### Dr. Pragyanand Prajapati, Physics

1. Development and characterization of (1-x) BiYO<sub>3</sub>-xBiMnO<sub>3</sub> ceramics for Ferro-photovoltaic applications. Pragyanand Prajapati and Akhilesh Kumar Singh *Ceramics International* Volume 48, Issue 17, 1 September 2022, Pages 25128-25139 Impact Factor- 5.5 DOI: [doi.org/10.1016/j.ceramint.2022.05.173](https://doi.org/10.1016/j.ceramint.2022.05.173)
2. Band gap tuning of ferroelectric PbTiO<sub>3</sub> by Mo doping. Pragyanand Prajapati and Akhilesh Kumar Singh *Journal of Materials Science: Materials in Electronics* Impact Factor- 2.77 Volume 33(5), Pages-2550-2565. 2022 DOI: [10.1007/s10854-021-07461-6](https://doi.org/10.1007/s10854-021-07461-6)
3. Size and composition dependent structural investigations on Nd<sub>1-x</sub>Ba<sub>x</sub>CoO<sub>3</sub> (x = 0.2, 0.3 and 0.4) perovskite cobaltites using X-ray diffraction. Dinesh Kumar, Pragyanand Prajapati, Permanand Jena and Akhilesh Kumar Singh Volume 26 (2020), Pages- 3492–3496 DOI: [10.1016/j.matpr.2020.04.525](https://doi.org/10.1016/j.matpr.2020.04.525)
4. Low optical band gap studies on Mo-modified PbTiO<sub>3</sub> ceramics. Pragyanand Prajapati and Akhilesh Kumar Singh Volume -2009, 020012 (2018) DOI: [10.1063/1.5052081](https://doi.org/10.1063/1.5052081)
5. Developing a reduction resistant layer with SrNi<sub>0.8</sub>Mo<sub>0.2</sub>O<sub>3-δ</sub> mixed-oxide for Sm<sub>0.2</sub>Ce<sub>0.8</sub>O<sub>2-δ</sub> based solid oxide fuel cells. Monika Singh Pragyanand Prajapati and Akhilesh Kumar Singh Volume 2115, 030622 (2019) DOI: [10.1063/1.5113461](https://doi.org/10.1063/1.5113461)

Dr. Pran Nath Singh Yadaw, Commerce

1. *Analysis of Non-Performing Assets in Public Sector Banks in India: A Case Study of SBI – Shodh Sandarsh* Dr. Prannath Singh Yadaw, (2025)
2. *Role and Challenges Faced by MSMEs in the Indian Economy – IJCRT*, Prannath Singh Yadaw & Kanchan Yadav, (2025)
3. *Women Entrepreneurship in India: Opportunities, Challenges and Road Ahead – Shodh Sanchar Bulletin*, Prannath Singh Yadaw & Kanchan Yadav, (2025)
4. *Mergers and Acquisitions in Indian Banking Sector – IJCRT*, Prannath Singh Yadaw, Ayushi Agrwal, Dr. Vijay Kumar Ojha & Prof. Ajay Kumar Singhal (2023)
5. *Assessing the Effect of Mergers and Acquisitions in Indian Banking Sector: A Case Study of SBI – Shodh Sarita*, Prannath Singh Yadaw & Dr. Vijay Kumar Ojha (UGC CARE, 2021)
6. *Bhartiya Parivesh me Adhyatmik Pryatan ka Yogdan – Shodh Sanchar Bulletin*, Prannath Singh Yadaw, Yashaswi Pandey & Prof. Anjani Kumar Malviya (2020)
7. *The Influence of Talent Management on Workforce Retention in Private Banking Industry – IJRAR*, Prannath Singh Yadaw & Pankaj Yadav (2020)

Kanchan Yadav. Home Science

1. *Role and Challenges Faced by MSMEs in the Indian Economy – IJCRT*, Prannath Singh Yadaw & Kanchan Yadav, (2025)
2. *Women Entrepreneurship in India: Opportunities, Challenges and Road Ahead – Shodh Sanchar Bulletin*, Prannath Singh Yadaw & Kanchan Yadav, (2025)
3. *Mental Health Challenges Policies and Future Directions*, Shodh Sandarsh, Kanchan Yadav, 2025.

Dr. Jamaluddeen Ahamad, Zoology

1. Transcriptomic analysis reveals novel downstream regulatory motifs and highly 4 transcribed virulence factor genes of *Entamoeba histolytica*. Sarah Naiyer, Devinder Kaur, Jamaluddin Ahamad Shashi Shekhar Singh, Yatendra Pratap Singh, Vivek Thakur Bhattacharya A, Bhattacharya S. DOI: [10.1186/s12864-019-5570-z](https://doi.org/10.1186/s12864-019-5570-z)
2. Post-transcriptional regulation of ribosomal protein genes during serum starvation in *Entamoeba histolytica*. Ahamad J, Ojha S, Srivastava A, Bhattacharya A, Bhattacharya S. *Mol Biochem Parasitol*. 2015 Jun;201(2):146-52. DOI: [10.1016/j.molbiopara.2015.07.006](https://doi.org/10.1016/j.molbiopara.2015.07.006)
3. Analysis of U3 snoRNA and small subunit processome components in the parasitic protist *Entamoeba histolytica*. Srivastava A, Ahamad J, Ray AK, Kaur D, Bhattacharya A, Bhattacharya S. *Mol Biochem Parasitol*. 2014 Feb; 193(2):82-92. DOI: [10.1016/j.molbiopara.2014.03.001](https://doi.org/10.1016/j.molbiopara.2014.03.001)

4. Ribosomal RNA and protein transcripts persist in the cysts of *Entamoeba invadens*.  
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5. Prevalence and Impact of Ectoparasite (Tick) Infestation on Goats in Selected Districts of Purvanchal, U.P. *Shodh Drishti* Vol. 16 No.12. 1 December 2025
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Dr. Rakesh Kumar Yadav, Hindi

1. Aaydaan Atmkatha Mein Bhivvyakt Marathi Dalit Jeevan, *Shodh Ritu*
2. Amar Kant ke Upanyas 'Inhi Hathiyaron Se' Mein Chitrit Nari Asmita Ka Swar, *Akhsar Varta*
3. Hindi Dali Atmkathawon mein Chitrit Vachpan, *Shodh Ritu*