

Government Girls Degree College

Ahiraula, Azamgarh

As on 31 Dec 2025

Research Publication (Peer Reviewed International and National Journal/ UGC Care)

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.org/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 21st 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

1. Development and characterization of (1-x)BiYO₃-xBiMnO₃ 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

2. Band gap tuning of ferroelectric PbTiO₃ 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_{1-x}Ba_xCoO₃ (x = 0.2, 0.3 and 0.4) perovskite cobaltites using X-ray diffraction. Dinesh Kumar, Pragyanand Prajapati, Permanand Jena and Akhilesh Kumar Singh *Journal of Materials: Materials in Electronics* 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 PbTiO₃ ceramics. Pragyanand Prajapati and Akhilesh Kumar Singh *Journal of Materials: Materials in Electronics* Volume -2009, 020012 (2018) DOI: [10.1063/1.5052081](https://doi.org/10.1063/1.5052081)

5. Developing a reduction resistant layer with SrNi_{0.8}Mo_{0.2}O_{3-δ} mixed-oxide for Sm_{0.2}Ce_{0.8}O_{2-δ} based solid oxide fuel cells. Monika Singh Pragyanand Prajapati and Akhilesh Kumar Singh *Journal of Materials: Materials in Electronics* Volume 2115, 030622 (2019) DOI: [10.1063/1.5113461](https://doi.org/10.1063/1.5113461)