



National Seminar
on



INDIA @ 2047:

PROSPECTS FOR SCIENCE & TECHNOLOGY, SECURITY & DEVELOPMENT

Hybrid Mode (Physical and Online)

in collaboration with

The National Academy of Sciences, India (NASI) and The Institute of Applied Sciences (IASc), Prayagraj
Knowledge Partner: Society of Peace, Security & Development Studies, Prayagraj

(28th May 2026 & 29th May 2026)



Patron

Prof. Sangita Srivastava
Hon'ble Vice-Chancellor
University of Allahabad, Prayagraj



Prof. Shubha Srivastava
Principal
SPMGDC, Phaphamau



Prof. N. K. Shukla
Chairperson, Governing Body
SPMGDC, Phaphamau

Jointly organized by

Department of Defence and Strategic Studies, Department of Physics & Department of Political Science
Shyama Prasad Mukherjee Govt. Degree College, Phaphamau, Prayagraj

Venue:- Auditorium, Shyama Prasad Mukherjee Govt. Degree College, Phaphamau, Prayagraj

Convenor

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Dept. of Defence & Strategic Studies

Organising Secretary

Dr. Hemant Kumar Singh
Dept. of Political Science

Co-Convenor

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- **Dr. Himanshu Yadav**
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- **Prof. Shivesh Pratap Singh**, Head, Dept. of Zoology, Govt. PG Autonomous College, Satna, Madhya Pradesh

Registration Details

Google form Link: - <https://forms.gle/wiNH9pYN6mNqTyKD7>

WhatsApp Group Link: <https://chat.whatsapp.com/HEIrCMirF1N3CcZC41gLWy>

Registration Fees (Include High Tea, Lunch and Publication Charge)

Central Bank of India Phaphamau, Prayagraj Ac no. 1913527477 IFSC code CBIN 0280185

Faculty Members: Rs. 1000, Research Scholars: Rs. 800, Students: Rs. 300

Accommodation and TA/DA

No accommodation, No TA/DA will be given to any participants

Payment QR Code



Name: SPM DEGREE COLLEGE
UPI ID : 018520260518000004@cbin

Paper Submission Guidelines

Languages English and Hindi, **English** (Times New Roman font 12, double spacing)

Hindi (Kruti Dev 10, font size 12 double spacing), **Reference Style** APA 7TH Edition

Word Limit 2500 to 4000 words, **Abstract & Full Paper Submission Email:** seminarspmgdc@gmail.com

Note:

Authors are solely responsible for their chapters. Author must adhere to the UGC norms.

Registration QR code will be opened till 29th May 2026, Last Date for full chapters is 15th June 2026

About the College: Since the ages past, Prayagraj has been acknowledged as a centre of religion, education and Indian Culture. It has always occupied a place in India as a prominent place of learning and knowledge. The College named after the eminent educationist, freedom fighter and political leader of repute, Dr Shyama Prasad Mukherjee, the college was formally inaugurated on the auspicious day of Vijaya Dashmi, September 25, 1997. The college affiliated to the University Grants Commission, New Delhi under section 2.(f) and 12.B of the UGC Act-1956 in July, 1999. Shyama Prasad Mukherjee Govt. Degree College is a Constituent Post Graduate College of University of Allahabad. Presently the college offers various subjects to the students of Under Graduate (UG), Post Graduate (PG) and Research Facilities in arts, commerce and science streams. The college is situated adjacent to the holy river Ganges.



About National Academy of Sciences, India

(NASI): The National Academy of Sciences, India (NASI) was founded in 1930. Its objectives are cultivation and promotion of science and technology in all its branches, and providing a national forum for the exchange of views and publication of research work carried out by Indian scientists. Academy is financially supported by the Department of Science & Technology (DST), Govt. of India and it is also recognized as the Scientific and Industrial Research Organization by the Department for Scientific & Industrial Research (DSIR), Govt. of India. The academy publishes proceedings, journals, memoirs, transactions and other works as deemed important. NASI is actively involved in organizing meetings and discussions on scientific and technological problems, as well as undertaking several science-society programs.

About The Institute of Applied Sciences, Prayagraj, is a Non-profit, Non-govt Organization, dedicated to the service of society through its scientific endeavors. It has completed several science-society projects & programs of the Govt. of India, as well as its own during its journey of about 22 years. The outcome of the projects were several nutritional products, useful and cheap for the common masses; as well as generating employment by imparting training & skill development for making Nutritious-fish products, fodder products, Water testing & purifying kits, Na-tools etc.

About Society of Peace, Security, and Development Studies In 1992 (Late) Prof D.D. Khanna , the former HoD (Defence & Strategic Studies), University of Allahabad had joined with the then Vice Chancellor-UoA, Prof. R.C. Mehrotra to establish this Society. They were joined by Dr Muchkund Dubey, Former Foreign Sec., Govt of India; Dr Lakhan Mehrotra, former Ambassador (Cambodia) ; Prof P.N. Mehrotra; Dr R.K. Tandon; and Dr Prashant Agarwal and many others to setup this Society, which spearheaded the cross-border discussions in field of International relations/ military planning and social development. The Society in its first 15 years received generous grants from both Indian and International Donors to promote quality discussions through seminars, conference, and publications. The Society brought out numerous books, lecture series, and a print journal (with an ISSN) which provided a standard platform for academics to share their views on issues related to peace, security and development. The Society played an important role during the period when Indian took a major Nuclear stand and continued to present Indian viewpoints to global academic circles and policy makers. The Society continued to serve its mandate till just before the Covid. The pandemic however did disrupt the continuity and the Society saw a decline in operations. In 2025 a few older members came together to revive the Society and re-launched it with a fresh set of members and a broader mandate. The broader mandate was directed by the changing nature of geopolitics with a greater interaction of socio-economic and technological exchanges. The Society today embarks on a new journey of academic discovery and exchange;- full of rigour and grit. The Society plans to embrace the digital medium to explore its true potential, while retaining its classical roots.

About the Seminar: The two-day National Seminar aims to deliberate upon the diverse dimensions of India's vision of Viksit Bharat @ 2047. It seeks to provide an interdisciplinary platform for meaningful discussions on the role of Science and Technology, indigenous defence production, innovation-driven entrepreneurship, startup ecosystems, and sustainable development in realizing the aspirations of a developed India. The seminar will critically examine the emerging challenges and opportunities confronting the nation in the areas of energy security, food security, supply chains, environmental sustainability, socio-economic development, national integration, and, most importantly, Research and Development in critical technologies and national defence/security. Special emphasis will be laid on contemporary strategic and security concerns in the aftermath of Operation Sindoor, including multi-front and single-front multi-adversary scenarios, the growing relevance of low-cost technologies, digital communication systems, space applications, AI-enabled transparent battlefields, and other evolving technological paradigms shaping modern warfare and national security.

In an increasingly turbulent regional environment and an uncertain global order, India continues to uphold its strategic autonomy while strengthening its capabilities across multiple sectors. In this context, Science and Technology have emerged as pivotal instruments not only in redefining India's security architecture but also in accelerating inclusive growth, resilience, and national development.

Sub Themes:

- **India's Scientific Journey: Legacy and Future Prospects**
- **India's Science Policy and Future Pathways**
- **Public-Private Partnership in Research & Development: Gross Expenditure on R&D and Scientific-Technological Ecosystems**
- **Space, Communication, and Electromagnetic Spectrum Technologies and Their Applications**
- **Science, Technology, and R&D: Emerging Future Pathways**
- **India's Security Environment: Regional and Global Perspectives**
- **Multi-Domain Technologies and Applications: Land, Sea, Air, and Space**
- **Research and Development in Public and Private Sectors**
- **Geopolitical and Geostrategic Dimensions of the Indian Ocean Region: Current Perspectives**
- **Science and Technology in Ancient India**
- **India's Contemporary Strategic Challenges and Policy Responses**
- **Environment, Climate Change, Renewable Energy, and Sustainable Development**
- **Cybersecurity, Artificial Intelligence, and Strategic Technologies**
- **Industry 5.0 and Digital Transformation**
- **Indian Knowledge System (IKS) and Future Prospects**
- **Viksit Bharat 2.0**
- **Nanotechnology and Hydrogen Energy**
- **Nutrition, Diseases, and Mental Wellness: Emerging Public Health Challenges in India**
- **Artificial Intelligence and Digital Transformation in Governance, Education, and Industry**
- **Indigenous Defence Technologies and National Security**
- **Sustainable Development and Environmental Challenges**
- **Public Health, Nutrition, and Mental Wellness**
- **Biotechnology and Healthcare Innovations**
- **Research, Innovation, and Startup Ecosystems in India**
- **NEP 2020, Higher Education, and Skill Development**
- **Renewable Energy, Climate Resilience, and Green Technologies**
- **Science, Society, and Inclusive Development**

