

Department of Economics & IQAC

Organized

One Day International E-Conference on

**Transforming Indian Agriculture towards Atmanirbhar
Bharat through Technology, Innovation and
Artificial Intelligence (AI)**

Wednesday, 24th December 2025 Time:- 10:00 a.m. IST



Dr. Ganesh Thakur

Principal, Mahatma Phule A.S.C. College, Panvel

Capt. Ramdas Jamnuka (Convener)
Dr. Rajaram Patil (Vice-Principal)

Dr. Yashwant Ulvekar (Co-Convener)
Mr. Sopan Gove (IQAC Coordinator)

RAYAT SHIKSHAN SANSTHA, SATARA

The Rayat Shikshan Sanstha is one of the leading educational institution in Asia founded by a renowned social reformer and great visionary Late Padma-Bhushan Dr. Karmaveer Bhaurao Patil in 1919. The Sanstha has a massive network of institutes spread over 15 districts of Maharashtra and 01 district of Karnataka having 742 branches comprising 43 colleges, 436 high schools, 41 pre-primary and primary schools, 8 ashram schools, an engineering college, and management institute. A dedicated workforce of around 17000 employees working relentlessly to fulfill the dreams of about 4.5 lakh students. The sanstha basically works for uplifting academic standard for mass.

ABOUT OUR COLLEGE

Mahatma Phule Arts, Science and Commerce College, Panvel District- Raigad (Maharashtra) is one of the prime educational institute affiliated to University of Mumbai. It is run by Rayat Shikshan Sanstha, Satara, one of the largest educational institution in Asia, founded by the visionary Late Padmabhushan Dr. Karmaveer Bhaurao Patil. The college was established in 1970 as per the vision of Parent institution to educate students of farmers, workers, fishermen and saltpan workers of Raigad District. The students have been benefited from the quality education provided by the college and attained the top positions in academic, social, political, cultural, sports, etc. The college offers traditional programmes like B.A., B.Com. B.Sc. at UG level and M.A., M.Com, M.Sc. at PG level. The college also runs self finance programmes like B.Sc. in Information Technology, B.Sc. in Bio-Technology and Bachelor in Accounting and Finance. Besides, it has recognized Ph.D. centres in department of Hindi, Chemistry, Business Economics and R.D. The academic programme and career oriented courses offered by the college have been proved beneficial in mounting placement of the students in different fields. Extension activities carried out under NSS, NCC, Health Centre, Art Circle, and Women Development Cell are distinctive features of the college and its commitment towards societal responsibilities.

ABOUT DEPARMENT OF ECONOMICS

Department of Economics is established in 1970, The department offers a range of UG and PG programs. It boosts a team of experienced and highly qualified dedicated teaching staff, providing students about learning environment. The department is equipped with modern interactive panel, departmental library, ensuring access to valuable academic resources and delivers consistent excellence in academic results. Dedicated placement services for UG and PG students enhance career prospects, reflecting its commitment to all; inclusive development and academic excellence. Department makes special efforts the career of UG & PG students and make them useful citizen for nation building.



ABOUT THE CONFERENCE

Transforming Indian agriculture through technology, innovation, and artificial intelligence is crucial for building an Atmanirbhar Bharat, as it strengthens the nation's ability to sustain itself with resilient and efficient food systems. With climate change, unpredictable weather and rising demand for food, Indian farmers need modern tools that enhance productivity, reduce risk and ensure better income stability. Integrating digital technologies such as AI, precision farming, smart irrigation and data-driven crop management helps farmers to take decisions, use resources more efficiently and increase yields sustainably. AI-enabled platforms can connect farmers directly to markets, provide early warnings on pests and diseases and offer personalized advisory services, empowering even small and marginal farmers. By embracing these advancements, Indian agriculture can shift from traditional practices to a modern, knowledge-driven sector that supports rural development, enhances food security, and contributes significantly to the nation's economic self-reliance. The role of a researcher in a conference on *“Transforming Indian Agriculture towards Atmanirbhar Bharat through Technology, Innovation and Artificial Intelligence (AI)”* is to deeply investigate how emerging technologies can address real challenges faced by Indian agriculture and contribute to Atmanirbhar Bharat. A researcher critically studies existing agricultural systems, identifies gaps in productivity, sustainability, farmer welfare. It also explores how AI-driven solutions, digital tools and innovative practices can bridge these gaps. Their role involves generating new knowledge through experiments, data analysis and field trials. Then translating this knowledge into practical, scalable solutions that farmers and policymakers can adopt and to shape evidence-based policies, fostering technological empowerment in rural communities and guiding India's journey toward an Atmanirbhar Bharat

EMINENT SPEAKER

Keynote Addressee



Hon. Dr. Badri Narayanan Gopalakrishnan

Economist and strategy leader
Oregon State University and Boston College,
Faculty Member at University of Washington (U.S.A)

Resource Person



Hon. Sunil Madan

Consultant- Data-Driven, Digital Agriculture and
Innovations, The World Bank, Washington, DC
(U.S.A.)

Chairperson of Technical Session



Hon. Prof. Dr. Suresh Maind

Professor & Head, Mumbai School of Economics &
Public Policy, University of Mumbai

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(Principal, Mahatma Phule A.S.C. College, Panvel)



Capt. Ramdas Jamnuk
Head, Department of Economics
(Convener)



Dr. Yashwant Ulvekar
Department of Economics
(Co-Convener)



Mr. Sopan Gove
Coordinator
IQAC

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SUB-THEMES FOR PAPER PRESENTATION & PUBLICATION

- Digital & Smart Farming for Atmanirbhar Bharat
- Biotechnology & Seed Innovation in Agriculture
- Agri-Startups and Entrepreneurship for Self-Reliance
- Financial Inclusion & Agri-FinTech
- Startups, Innovations & Entrepreneurship in Agriculture
- Empowering Farmers through Digital Platforms
- Sustainable Agriculture Development through Atmanirbhar Bharat
- Global Collaboration for Future-Ready Agriculture
- Regulatory Framework for AI, Biotechnology & Digital Agriculture
- Digital Transformation of Indian Agriculture
- Digitalization of Indian Agriculture.
- India's Agriculture: Technology Trade and Sustainability
- Sustainable Development of Indian Agriculture through Technology
- Integrating Robotics Drons and AI for Next Generation Smart Farming in India.
- Innovation for Small and Marginal Farmers

Researcher can submitted the research paper to any other topic related to conference theme.

CALL FOR PAPER PUBLICATION

Participants are requested to submit their full length papers on given format

- Paper in English Language MS Word, Times New Roman
- Title: 16-Point, Bold Centre-aligned, Word Documents.
- Headings: 14 Point, Bold, Left Aligned
- Body Font: 12-Point, Justified Alignment
- Margins: 1-Inch on all sides
- Paper in Marathi & Hindi: Unicode Font size: 12

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is Free!

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Mrs. DIPA KONDIBARAO DALVE

Important Dates

Last Date for Registration	23 th December 2025
Last Date for Full Paper Submission	22 nd December 2025

Registration Link: <https://forms.gle/Nh35aMFvdxbsqzej8>

WhatsApp Group Link: <https://chat.whatsapp.com/DUUEid6k0N9EhqbIqs7fC>

E-Conference
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For Contact-Capt. Ramdas Jamnuke -8850024112
Dr. Yashwant Ulvekar -9322469916