



Maharashtra
State Innovation
Society

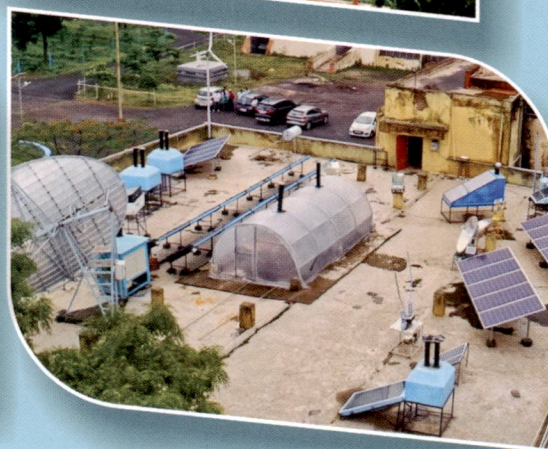


National Conference

on
Innovative Technologies and
Entrepreneurship Development in Agriculture

March 07 - 08, 2024

Venue : CAET, Dr. PDKV, Akola (Maharashtra)



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Organized by

Faculty of Agricultural Engineering

in collaboration with

**PDKV Research & Incubation Foundation and
Indian Society of Agricultural Engineers - Akola Chapter**

Dr. Panjabrao Deshmukh Krishi Vidyapeeth,
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About PDKV

Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola was established on 20th October, 1969 with its head-quarter at Akola. This Agricultural University was named after the illustrious son of Vidarbha Dr. Panjabrao (alias Bhausaheb) Deshmukh, who was the First Minister for Agriculture, Govt. of India. The jurisdiction of this university is spread over the eleven districts of Vidarbha. According to the University Act 1983 (of the Government of Maharashtra), the University is entrusted with the responsibility of agricultural education, research and extension education alongwith breeder and foundation seed programme.

The University has its main campus at Akola. The instructional programmes at main campus are spread over in 5 Colleges namely, College of Agriculture, College of Agricultural Engineering & Technology, College of Forestry, College of Horticulture and Post Graduate Institute. At this campus 4 degree programmes namely B.Sc.(Agri.) B.Sc. (Hort.), B.Sc. (Forestry) and B.Tech. (Agril. Engg.), two Master's Degree Programmes viz. M.Sc.(Agri.) and M.Tech. (Agril. Engg.) and Doctoral Degree Programmes in the Faculties of Agriculture and Agril. Engineering are offered.

About College

The College of Agricultural Engineering and Technology was established on 3rd October, 1970 at Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola (Maharashtra). The Faculty of Agricultural Engineering was established in the year 1982. The College of Agricultural Engineering and Technology was started with five Departments namely Department of Farm Power & Machinery (FPM), Department of Agricultural Process Engineering (APE), Department of Soil and Water Management (SWM), Department of Unconventional Energy Sources and Electrical Engineering (UCES & EE) and Department of Farm Structures (FS). During 1992, Soil & Water Management Department was bifurcated into Soil and Water Conservation Engineering (SWCE) and Department of Irrigation and Drainage Engineering (IDE).

The College of Agricultural Engineering and Technology offers B. Tech. (Agril. Engg.) degree programme of four years, envisages the development, planning, implementation and evaluation of modern agricultural technologies for uplifting agrarian rural society and boosting industrial revolution in agro-based industries. The M. Tech. programme is offered in all the departments and Ph.D. programme was started since 2008-09. This college has completed more than 50 years of its service to farmers.

About PDKV-RIF

Maharashtra State Innovation Society (MSInS), Government of Maharashtra has supported Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola for establishment of agriculture sector specific Incubation centre. The PDKV Research and Incubation Foundation is registered as Section -8 company on 24th June, 2019. It mainly focuses on supporting Agri-startups of students, innovative farmers and budding entrepreneurs. The incubation foundation supports the incubatees by providing access to resources available at university including access to infrastructure, laboratories, library and other facilities, teaching resources and staff to the best of its capabilities. The role of incubation centre is to enhance entrepreneurship in agriculture sector by providing technical guidance of mentors of various disciplines, training, practical work experience to the interested youth & farmers. The linkages between industries, alumni & incubation foundation will provide platform for commercialization of technologies and building entrepreneurship ecosystem. The incubation centres are designed to nurture and grow new and small businesses by supporting them through early stages of development and change.

About Conference

Agri-sector in India has ample entrepreneurship opportunities. Agro-entrepreneurships will boost the employment opportunities in rural areas. Our country has the vast network of Agri-Universities, Research Stations and Krishi Vigyan Kendras. The innovation needs to be converted into business by encouraging students towards business. The infrastructure availability, hi-tech laboratories, scientists, subject matter specialists and alumni network of Agri-Universities has the key role for the development of Agri-startups in the country. In view of this, Faculty of Agricultural Engineering in Collaboration with PDKV Research and Incubation Foundation & Indian Society of Agricultural Engineers - Akola Chapter, Dr. PDKV, Akola is organising National Conference on "Innovative Technologies and Entrepreneurship Development in Agriculture"

Eligibility

Faculty of Agril. Engg., PDKV-RIF, Akola and Indian Society of Agricultural Engineers - Akola Chapter takes privilege to invite academicians, researchers, scientists, entrepreneurs of agro-based industries/ NGOs/ self-help groups, agricultural graduates, research scholars across the India to participate in this Conference.

Conference sub-themes

● Value Chain Management of Agricultural Produce ● Supply Chain in Agriculture ● ICT, Robotics and Artificial Intelligence in Agriculture ● Agro-inputs Service Sector ● Organic Farming ● Innovative Technologies in Farm Mechanization ● Scope of Self Employment in Agricultural Economy ● Biotechnological Aspect in Self Employment ● Horti-Processing Models in Self

Employment ● Energy Budgeting & Energy Utilization Pattern in Rural Sector ● Waste Management in Agriculture ● Business Models of Scaling up of Biomass Energy Sector in Rural Area ● Scope of Entrepreneurship in Agro-Renewable Energy Ventures ● Innovative Agricultural Structures ● Vertical Farming ● Precision Farming ● Scope of Entrepreneurship in Fishery ● Scope of Entrepreneurship in Animal Husbandry ● Forest Product Management for Entrepreneurship Development ● Post Harvest Technology ● Innovative Agro-processing Techniques ● Innovative Food Technology ● Agro-Processing Entrepreneurship for Rural Sector ● Climate Change Impact on Water Resources and Environment ● Rainwater Management ● Advanced Micro-Irrigation Systems ● Information and Communication Technologies in Agribusiness ● Agri. Tech Startups: Current Challenges and Future ● Opportunities of Funding for Agri. Startups in India ● Government Initiative for Startups in Indian Agriculture ● Role of Incubation Centers in Agricultural Universities ● Innovative Farming Techniques for Doubling Farmers Income ● Ag-Tech and Investment Opportunities ● Research Park to Support Agri-startups ● Current Scenario of Agri-startups In India ● Innovation Based Entrepreneurship in Agriculture.

Important Dates

Last date for Abstract Submission	January 24, 2024
Notification of Acceptance of Abstract	February 01, 2024
Registration starts from	February 01, 2024
Last date for Registration and Manuscript Submission	February 16, 2024

Call for Papers

Abstract Submission

The abstract should be informative, conclusive and suitable for indexing. It should be in English and should not exceed 500 words on any of the sub-theme areas provided in brochure and must include key words. The abstract should clearly indicate paper title, author(s) (Max. three no. of authors), complete mailing address including email address.

The abstract should be typed in single space in Times New Roman, font 12 points.

Submit your abstract through

Following Link or by scanning QR

<https://forms.gle/W5muvBr3Mo69qzdX7>



Manuscript Submission

The manuscript to be submitted should be typed in Times New Roman, font size 12 with 1.5 spacing on A-4 size paper. Manuscript should not be more than 10 pages. The format of paper will have following components: Title, Author(s) details, abstract, introduction and objectives of the paper, methods and data sources, results and discussion, summary and conclusions and implications including recommendations. The text of the paper in English must confirm strictly to the following requirements and be free from errors (i) Top/bottom margin 25 mm, (30 mm for first page) (ii) left and right margin: 25 mm (iii) Typing area 160 mm x 247 mm including folio, 1.5 space, single column. (iv) Total pages: 10 including, figures, tables, photographs, if any. (v) Font type: Times New Roman (vi) Title 14-point BOLD Capital (vii) Author name: 12-point bold (do not prefix name with Mr./Ms./Dr./Prof.) (viii) Affiliation (Designation, Organization and Place): 10 point italics (ix) Main headings: 12 point Bold Capital. The full-length paper must be submitted in registration link. The accepted papers will be considered for oral or poster presentation.

Best Paper Award:

The papers presented with outstanding contribution in the area of conference theme and in various sub-themes would receive Best Paper Award

Registration

Through following Link or by scanning QR

<https://forms.gle/CWdWPYJN1pL3f25U9>

Registration starts from 1 Feb., 2024



Mode of Payment of Registration fee

Registration fee can be paid only through online mode.

online mode : Direct Transfer through RTGS/NEFT Mode

Account Name : PDKV Research and Incubation Foundation

Bank : ICICI Bank

Account No. : 696805601348

IFSC Code : ICIC0006968

Registration

Category	Registration Fee for accepted paper presentation
Faculty	Rs. 3000/-
Industry & Other delegates	Rs. 3000/-
Students	Rs. 1500/-
Only Participation fee: Rs. 1500/-	

Key Note Session

- ▶ Application of Artificial Intelligence and IOT in Agriculture and Use of Drones
- ▶ Innovative Post-Harvest Technology and Marketing Technique for Small & Marginal Farmers
- ▶ Role of Incubation Centers in Development of Agri-startup Ecosystem
- ▶ ICT Technologies and Control Environmental Agriculture

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