



# Krishi Manthan 30 DAYS WINTER SCHOOL INTERNATIONAL TRAINING PROGRAMME-

Technological Advances leading to  
Smart Farming & Agripreneurship"

01st Jan to 30th Jan, 2024



# About

# UTKARSH-PDKV

UTKARSH-PDKV, Agri-Business Incubation Centre, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola established under the Rashtriya Krishi Vikas Yojna (RKVY) is an important scheme of the Government of India, Ministry of Agriculture and Farmers Welfare (MoA & FW), aimed at strengthening infrastructure in agriculture and allied areas.

In order to promote agripreneurship and agribusiness by providing financial support and nurturing the incubation ecosystem, a new component under

the revamped scheme RKVY- RAFTAAR has been launched in 2018-19. RKVY- RAFTAAR supports agribusiness incubation by tapping innovations and technologies for venture creation in agriculture.

The project aims at strengthening infrastructure to promote Agripreneurship and Agri-Business by providing financial support and nurturing the incubation ecosystem by tapping innovations and technologies for venture creation in agriculture and allied activities. UTKARSH-PDKV R-ABI offers incubation space, technical and business mentoring, networking with agri-business industry, scientific and information resources, conducive and supportive environment for Agri start-ups and opportunities for availing government grant-in-aid through pre-seed stage and seed stage funding as per the guidelines of the RKVY-RAFTAAR Scheme.

UTKARSH-PDKV R-ABI promotes and elevates the agripreneurs to mentoring sessions covering business, technical, IPR management, networking and market linkages and corporate interactions including the one-on-one mentoring depending on the stage of the entrepreneurs.



# About Dr. PDKV, Akola

Dr. Panjabrao Deshmukh Krishi Vidyapeeth University is a state university of Maharashtra established by UGC Act of Government of Maharashtra. The University was established in the year 1969 at Akola of Maharashtra. The University was renamed after the illustrious son of Vidarbha Dr. Panjabrao Deshmukh. He was the Minister of Agriculture, Govt. of India. The Dr. Panjabrao Deshmukh



Krishi Vidyapeeth is spread over the thirteen districts of Maharashtra. When the university was established it was offering only agricultural courses. But now it is offering a wide range of courses in the field of arts, science, commerce and management. Besides these the university also offers engineering and technology, physical education and social work and many more courses.





# AEEFWS

## Agro Environmental Education & Farmers Welfare Society

Agro Environmental Education & Farmers Welfare Society (A.E.E.F.W.S.) was founded in 2021. It is an autonomous research and educational organization registered under Society Registration Act XXI of 1860 bearing the Registration No. 255 during 2020-21, also registered under MSME, NITI AAYOG, Govt of India. It is a scientific and educational organization, working in the field of agriculture, environment and farmers welfare for sustainable development and provides a unique platform to the scientists, academicians, researchers, and policy makers for exchanging their ideas, encouraging research and disseminating knowledge of Agro Environment in the society.



# JUST AGRICULTURE

Just Agriculture is India's largest Agri Professionals Platform with 8 lakh+ readers and 80 thousand+ LinkedIn Community. It offers a prodigious platform to share about the latest agri innovations. The lush of our company is enthused with a warm energy to channelize all innovations, technicalities, emotions and even the unheard chords and unseen blaze of the farmers. Just Agriculture- the Magazine and Newsletter has published 10K+ articles from the academicians, researchers and students of ICAR Universities. Just Agriculture- the Magazine is widely circulated among the farmers, professionals and academicians among 28 states of India and 63 countries globally. Till now, Just Agriculture Education Group has organized 7 FDP Programs, 9 Workshops, 14 International Trainings, 4 International Conferences & also co-organizer of many Govt. organized Expo & Summits. In a span of two year, Just Agriculture successfully provided training to more then 15000+ students & other agricultural stake holders in collaboration with India's most reputed Govt. Agriculture Institutions viz., ICRISAT, NAARM, NIPHM, MANAGE, IRRI, PJTSAU, NAHEP-VNMKV, Parbhani, Utkarsh AgriBusiness Incubation Centre, Dr. PDKV, Akola, Dr. RPCAU, Pusa, MPUAT, Udaipur, SKUAST-Kashmir and many more institutions. JUST AGRICULTURE EDUCATION GROUP is working under the aegis of AEEFWS, Chandigarh to build capacity in Agriculture and allied sectors by bridging the skill gaps and up skilling the existing and prospective workforce. We work closely with all the Agriculture stakeholders to improve the livelihoods of students, scientist, working professionals, farmers, farm and extension workers engaged in agriculture sector.



# Chief Guest



**Prof. Rajeshwar Chandel**  
Vice- Chancellor,  
YSPUHF, Nauri



**Dr. S.V. Suresha**  
Vice-Chancellor,  
UAS, Bangalore



**Dr. Ashok S Alur**  
Vice-Chancellor,  
Kodagu University, Karnataka



**Dr. V.K. SINGH**  
Director, CRIDA,  
Hyderabad



**Dr. N.S.Rathore**  
Campus Director, GITS Udaipur  
Former Vice-Chancellor,  
MPUAT, Udaipur



**Prof. (Dr.) K. Prathapan**  
Vice Chancellor,  
DY Patil Agriculture and  
Technical University, Kolhapur



**Prof. K. C. Bansal**  
Secretary, NAAS, New Delhi  
Former Director, NBPGR



**Dr. Arun Chandan**  
Regional Director, National  
Medicinal Plant Board (NMPB),  
Ministry of AYUSH, Govt. of India



**Dr. Saravanan Raj**  
Director (Agricultural Extension)  
MANAGE, Hyderabad



**Dr. Anil Dixit**  
Joint Director (Crop Health  
Research)  
ICAR-NIBSM, Raipur



**Dr. Amarender Reddy**  
Joint Director, School of Policy  
Support Research,  
ICAR-NIBSM, Raipur

# Hydroponic Expert



**Vivek Kumar Shukla**  
Co-Founder at Rise Hydroponics  
Ahmedabad, Gujarat



**Gaurav Narang**  
Founder, CityGreens



**Dr. Praveen Singh**  
The KhetibadiWala  
Hydroponic Professional  
& Director, PPRII, Delhi



**Dr. Shama Zaidi**  
Sr. Manager (R&D), Aries Agro Ltd.  
Mumbai, Maharashtra, India



**Dr. Ashishkumar Patel**  
Senior Agronomist  
(R & D Division)  
Konark Future Farm



**Vijay Narayanan**  
Founder,  
Urban Farmer Aquaponics



**Dr. Gopal U. Shinde**  
PI, NAHEP, DFRDA- ICAR  
VNMKV, Parbhani



**Gopi Raja (Drone Raja)**  
CEO, Fopple Drone Technology



**Devesh Zha**  
Founder & MD,  
DayBest Drones

# Drone Guests



**DEEPAK JAIN**  
Director General, Federation of  
Indian Industry



**DEVENDRA KUMAR**  
Chief Operating Officer,  
FMCG



**DUSHYANT K. TYAGI**  
CEO, Farmgate Technologies  
Pvt. Ltd.



**Dr. Shyam Kumar Katta**  
EDF Climate Corps Fellow|  
Atlas Corps Scholar  
Director Program- Heifer International



**Praveen Gade**  
Co-Founder & CTO- DigiGrain  
Solutions Pvt.Ltd



**Nilabdh Samantray**  
Vice- President,  
Data Science & Artificial  
Intelligence



**Ashutosh Tiwari**  
CEO, Nkosh



**Dr. Shirish Khedekar**  
Scientist C, Indian  
Meteorological Department  
(GoI), Pune



**Satheesh Kumar**  
Director & CEO,  
the talk



**Devendra Kumar Kaushik**  
Founder & CEO,  
D&D Greentech Solutions

# Industrial Speaker



# Industrial Speaker



**Subodh Kumar Gupta**  
DGM Marketing  
(Crop Business Manager),  
Dhanuka Agritech Ltd.



**Dr. Shailendra Singh**  
Chief Operating Officer  
Zydex Agro Solutions



**Anand Chandra**  
Co- Founder &  
Executive Director  
Arya.ag, New Delhi



**SANJAY AGGARWAL**  
CEO, Clover Organic Pvt. Ltd.



**MIHIR MOHANTA**  
GM Supply Chain, Mother Dairy



**Sujit Wable**  
CEO & Founder,  
Reveda Hindustan Pvt. Ltd.



**MUSTKIM AHMED**  
Founder & MD  
Star Agro India



**VARUN GUPTA**  
MD, blacknut Agri Food  
Machinery Pvt. Ltd.



**Dr. Shailendra Singh**  
Co-founder at Yuktix,  
Agri Intelligence using IOT & AI.



**Prakash Kumar**  
Founder & Director,  
Vidaksh Technology Pvt. Ltd.



**Francesco Arlia Jr.**  
CEO & Founder,  
Harvest Harmonics, US



**Joanna Kane Potaka**

Deputy Director General, Strategy,  
Engagement & Impact  
IRRI, Philippines



**Dr. Subrat Panda**

CTO, AgNext



**Utkarsh Ghate**

Ecologist, BAIF, Pune



**Enyonam Manye**

Producer,  
The Ghanaian Farmer TV



**CA A. Aravinda Garikipati**

Qualified Independent Director  
(IICA),



**VIVEK MISHRA**

CEO,  
Fibroheal-Biotech Startup



**Premangi Khagram**

Director,  
Oceanus Exports Pvt. Ltd



**YUGANK BHARDWAJ**

Director, PwC



**Deepak Pareek**

Chief Growth Officer, Suumaya  
Industries Limited

# Industrial Speaker

# Keynote Speakers



**Dr. Santosh J. Gahukar**  
CEO, Agribusiness Incubation  
Centre for Maharashtra  
MoA&FW, GoI



**DR. RAVI SHANKAR**  
Agritech Advisor & Investor



**Dr. Syed Ismail**  
Director, SIFA (AgriloT.in)



**Dr. Nitinkumar Ranshur**  
Chief Scientist and Associate  
Director of Research  
Zonal Agricultural Research  
Station, Solapur (MPKV, Rahuri)



**Dr. Suhas Wani**  
Former Director, Research  
Program Asia, ICRISAT



**Dr. Anurag Saxena**  
Principal Scientist & In-Charge  
Forage Production Section  
ICAR-NDRI, Karnal



**Dr. Veenita Kumari**  
Dy. Director, (Gender Studies)  
National Institute of Agricultural  
Extension Management (MANAGE)



**Dr. Papita Gourkhede**  
Soil Scientist,  
VNMKV, Parbhani



**Dr. Pappu Kumar Yadav**  
Post- Doctoral Associate,  
University of Florida, Gainesville



**Dr. Padma Lakshmi**  
Professor at VIT,  
Vellore



**Dr. SV Patil**  
Dean, College of Horticulture,  
Bidar



**Dr. Dayaram**  
Project Director,  
Advance Center of Mushroom  
Research DRPCAUI, Pusa



**Dr. Ravindra Chandra Joshi**  
Senior Consultant, Philippine  
Rice Research Institute,  
Philippines

Acadmic Guests

# AIMS &

# OBJECTIVES OF THE COURSE

The main aim of organizing this 30 Days Winter School International Training Programme-“Technological Advances leading to Smart Farming & Agripreneurship” is to develop the competence of the researchers/scholars/scientists/subject matter specialists in advanced tools and techniques of agriculture. This training will introduce the stakeholders to the state of the art concepts of various skill based agri practices.

The training program will help to enrich the technical knowledge of the participants on Smart Farming & Agripreneurship. The major objective of this course is to impart the knowledge of technological advancement. Training will also deliver the knowledge and information of Hydroponics, Drone Technology, Organic Farming, Agripreneurship, Startups, Artificial Intelligence, IoT, SaaS, Blockchain Technology, Entrepreneurship development to make it useful for the stakeholders.

The online training cum workshop program aims to develop an overall understanding in a well-planned program which empowers participants –

- Drone Technology & Agribots- To develop new ideas and understand the working of advanced Drone applications into the field of agriculture and allied services.
- Hydroponics & Polyhouse Technology- Provide knowledge of advanced “Hydroponic” and Polyhouse automation technologies and techniques in soil-less farming.
- Entrepreneurship- To promote successful first generation agripreneurs, create awareness about availability of resources, marketing strategies and government schemes & subsidies, promote and support new start-ups.
- Organic Farming & Natural Farming- To create awareness about organic and natural farming, impart knowledge about organic input resource management, technology development and marketing of organic products, to provide information about certification of organic farms.
- Mushroom Production- To expose participants about the production, management, marketing and processing of Mushrooms.
- Precision Farming- To impart knowledge about Digital Technologies for Plant Protection and Automation Technologies for Crop Production Management.
- Internet of Things (IoT) Devices- To familiarise participants with the use of sensors, decision support systems, digital farming and IoT-based devices for data collection.
- Artificial Intelligence- Detailed description of different A.I. technologies used in Agriculture and allied sectors.

# PROGRAM HIGHLIGHTS

- ✿ International and Experienced Speakers and Experts.
- ✿ Detailed 3 Hours Daily Lecture Sessions.
- ✿ PPT & HD Video Demonstration Lectures.
- ✿ Hardcopy and Softcopy Certificates Provided with Premium Folder File of JUST AGRICULTURE.
- ✿ Doubt Clearing Sessions at end of Lecture.
- ✿ 100+ Hours Recorded Videos will also be provided of Daily Sessions.
- ✿ Exclusive WhatsApp Community for Daily QnA Sessions.
- ✿ Community for Daily QnA Sessions.



## SESSION PLAN

**40+ Training Partners**

**500+ EXPERTS**

**200+ Successfully Placements**

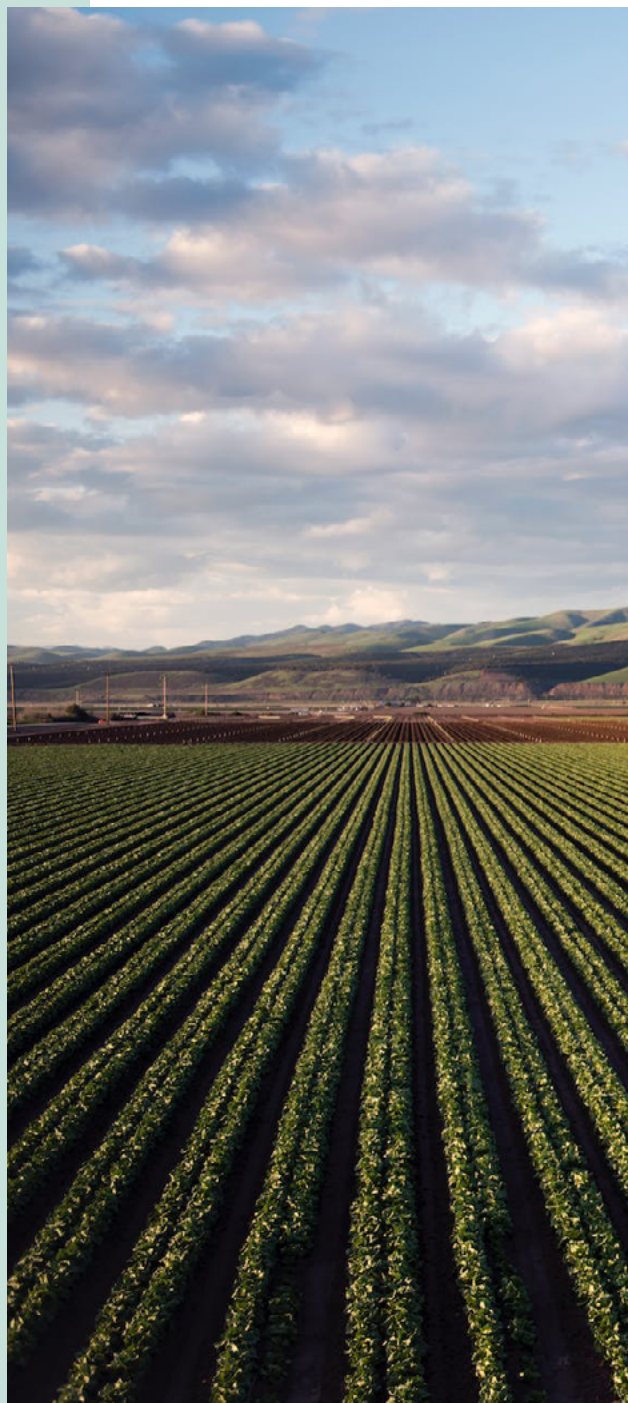
**1000+ HOURS OF TRAINING**

**10000+ Successfully Trained Students in Recent Trainings**

# COURSE PLAN

**This 30 Days Program is designed as per ICAR Guidelines for all agriculture students and professionals. It will help to-**

- Facilitating demand-driven training as per industry requirements in agriculture and allied sectors by adopting global best practices.
- Developing skill in agriculture professionals as per industry standards for various job roles in compliance with NSQF.
- Cluster specific skill development plans to cater to unique geographic needs to equip them with latest knowledge and skills of agripreneurship.
- Advocacy and promotion of skill-based online training.
- Development of skills inventory to facilitate individual choices and learning paths.



# HYDROPONICS

- Basics & Types of hydroponics
- Components of Hydroponics
- Crop production & nutrition in Hydroponics
- What is protected Cultivation
- Types of Protected Cultivation structures
- Cladding materials in protected cultivation
- Government Schemes for protected cultivation
- Detailed understanding on How to Grow Leafy Greens Using the Hydroponics Technique.
- Understanding of the scientific and commercial aspects of Soilless Cultivation/ Hydroponics in the fast-growing world.
- Holistic Understanding of Running a Hydroponics Business.
- Complete Understanding of Post-Harvest Methodologies such as Sorting, Grading, Packing, Sales and Marketing of the Produce.
- Detailed Lecture with Video demonstration.

## Aquaponics & Fishery

- Understanding on - how to create a healthy, low stress and highly productive fish population to fuel the hydroponics farm.
- To learn and create as to how to create a highly functional aquaponics farm.
- Commercial importance and market value of aquaponics and fishery in today's time.
- Knowledge on the latest technologies in aquaponic system design.





# Drones

## ARTIFICIAL INTELLIGENCE

- AI plays an important role in the advancement of hyper-local weather forecasting.
  - More accurate hyper localized weather predictions are becoming possible by combining massive data from weather satellites with continuously expanding weather stations and IoT sensors on the ground.
  - This type of hyperlocal weather data is increasingly being used to deliver targeted advisories to a specific cluster of villages.
  - Using AI/ML technologies, various crop scenarios can be built using historic weather, forecasted weather, crop type, and crop stage, and those scenarios can be used to deliver targeted and precise actionable insights to farmers
- Detailed understanding on How Modern Technology Enhances Agricultural Practices.
  - Drone Basics- drone operation, maintenance, and use in agriculture during the 10-day training program. Introduction, history, types, applications, and future prospects of drones, DGCA Regulation, Civil Aviation, Basic Principles of Flights, Airspace Structure.
  - Mapping- Automation of drone flight can provide a high resolution map of a chosen area which provides accurate data to the farmers which enables them to make well-informed decisions about spraying pesticides
  - Analysis- Processing and analysis, export of captured imagery to to map and survey the field and keep a timely check on the plantation
  - Measurement Tools- Area, Elevation opens up many applications where drone data can be useful on the farm.
  - Techniques of integration A.I. with the daily agricultural practices to increase profit/ Commercial Importance of Drone Technology in agriculture. etc, Planting Process, Irrigation Scheduling, Fogging Operations, Nutrient Management, Harvest & Marketing.





## BUILDING IoT SOLUTIONS FOR SMART AGRICULTURE

This online training course aims to introduce participants to the Internet of Things and its abilities for enhancing and improving agricultural productivity and cost reduction.

- It will specifically focus on topics that address IoT usage for smart farming, smart water and energy management, and some use cases in this area.

- Identify the IoT concept and its capabilities and applications for the agriculture industry.
- Understand concepts, goals, and frameworks related to smart agriculture.
- Including key aspects required to develop smart agriculture; o identify different IoT verticals such as smart transportation, smart water resource management, smart warehousing for smart agriculture.
- Review the various case studies in the area of using IoT solutions and services in the smart agriculture area & installation of network-connected “smart” devices as part of IoT.

# SAAS

Data is paramount. Effectively handling it is even more so. Major challenges arise out of an inability to manage field data. With the help of SaaS-based cloud software in smart farming, data collection,

retrievement, data processing, storage and dissemination are simplified. Using SaaS, data on numerous things such as weather cycles, crop patterns, soil quality, harvesting, satellite imagery, and much more can be acquired. It is also possible to quickly make accurate conclusions and decisions.





## **Blockchain Technology-**

Understand concepts, goals, and frameworks of blockchain technology. The benefits of implementing blockchain technology in agriculture are:

- Improved quality control and food safety
- Increased traceability in the supply chain
- Increased Efficiency for farmers
- Fairer payments for farmers.
- reducing environmental footprint
- maximizing customer satisfaction
- enabling transparency across the supply chain
- ensuring fair income to farmers
- handling weather fluctuations

## **Agri-Incubation and Start up Mentoring Program**

- Explanation/ Detailed knowledge of as How To Establish Successful Agribusiness Ventures.
- An expert guidance on How To Establish Agribusiness In Rural India on a Large Scale.
- Detailed knowledge as to how the translation of minimum viable product to marketable stage & scaling up of the product and business can be enabled.

## **e-Marketplace: Connecting farmers with Value chain Linkages-**

- Knowing the difference between conventional value chain and e-Marketplace
- Benefits of e-Marketplace to the farmers
- Increasing the income of farmers by finding market opportunities
- Connecting farmers to the new markets
- Imparting information about best corporate business model for rural India
- Development of crop/commodity specific value chain

- Addressing gaps in crop production, harvesting, livestock management and processing handling and marketing of agricultural products

### **Agri Supply Chain Digitization-**

- Increase market connection and agriculture productivity
- Maximizing the income of farmers
- Quick, cost effective communication between traders and farmers
- Electronic, efficient and autonomous communication among customers and supply chain partners
- Digital transformation of the agricultural market
- Focus on supply chain connectivity between trading partners
- Implementation of solutions to improve global communication, processes and promote ease of agribusiness among agricultural suppliers, manufacturers, and distributors

### **Women Led Agri-Startups: Opportunities and Challenges-**

- Empowering the women farming community in India
- Supporting women in Agri-Startups
- Upliftment of women in the agriculture sector
- Building a vibrant ecosystem for women-led enterprises
- Learning about the opportunities and challenges in the Women led Agri-Startups
- Formation of women Self Help Groups (SHGs), Women Federations, and Women Farmer Producer Organisations
- Acquaint the women farming community with the latest practices in agriculture and allied sciences



# WHO CAN ATTEND?

This Winter School Program is meant for all B.Sc Agri/Horti, B.Tech/UG Students, M.Sc students/Ph.D Scholars/Research Associates/ SMS/ Teaching Asst and Teaching Associates/ Asst Prof. / Associate Professors/ Professors / Scientists in ICAR Institutes/ State Agricultural Universities/ Central Agril. Universities/ Deemed to be universities/ Private Universities & other similar institutions in India.

## Students-

- Opportunity to acquire skills that get them jobs and gain knowledge with ICAR Recognised Certificate Program.
- Motivate and mobilize for training and placement.
- Create interest in Agriculture and allied sectors as career destinations.
- Encourage self-employment and development of entrepreneurial skills.
- Provide long-term career opportunities through upskilling.
- Diversified Lectures of Agro-Industrial Experts help to gain industrial knowledge about latest start-up culture.
- Reskilling and Internship/Placement opportunities with MNC Agriculture companies.

## Academia Professionals

- Awareness about vocational options.
- Institution-industry collaboration opportunities.
- Industry-driven research and application of findings.
- Enhanced employability options for students.
- Earn-while-you-learn and apprenticeships.



# WHO CAN ATTEND?

## Industry

- Industry-ready workforce trained as per job roles.
- Option to engage youth as apprentices.
- Enhanced productivity and quality output.
- Knowledge of latest research findings and technology
- Attract and retain workforce through career paths.

## Employees

- Improved employability through right qualifications.
- Recognition of skills and competencies through Certificate Program.
- Improved career progression.
- Retooling of competencies and transferability of skills.
- Multi-skills development, leading to increased job security.

## Farmers-

- Improved income and greater productivity.
- Access to latest technologies for efficiency and quality.
- Development of entrepreneurial abilities.
- Access to information, credit and market linkages.
- Continuous learning through digital devices.



# DETAILS OF THE TRAINING

## REGISTRATION CHARGES

Categories	e-Certificate	Hardcopy & e-Certificate	International participants (Only e-Certificate)
B.Sc Agri/UG Students	Rs. 699	Rs. 899	20 \$
M.Sc. Agri/MBA PG Students	Rs. 899	Rs. 999	25 \$
For all Ph.D Scholars	Rs. 1249	Rs. 1449	30\$
For all Faculty & Working professionals	Rs. 1499	Rs. 1999	35\$

**Last Date to Register- 31<sup>st</sup> Dec,2023**



- TRAINING MATERIAL: Soft Copy of training manual.
- CERTIFICATES- The certificates will be sent to registered e-mails and hardcopy through Indian speed postal service.
- HARDCOPY CERTIFICATE will be sent along with Premium Black Folder File
- DURATION- 30 DAYS
- TRAINING LANGUAGE- English/Hindi
- FEE is NON-REFUNDABLE/NON TRANSFERABLE

# PROCESS OF REGISTRATION



- After payment (via net banking/ online/ bank app/ mobile app) participants may Register through online registration form along with payment slip/screenshot.
- Participants may complete their payment via net banking/ online/ bank app branch/ mobile app etc. and after submitting registration form no hard/soft copy is required to submit to the AEEFWS Society.
- Zoom Link/ ID-password will be sent to the registered participants through mail.
- Registration Fees is Non Refundable and Non Transferable.
- Certificate will be sent to the Registered Participants after completion of Training.

**SCAN/CLICK  
TO REGISTER**



**More details you can contact Call/WhatsApp us –**

6284333915 / 9779221625 / 9284353941

# MODE OF PAYMENT

**UPI No. :** 6284333915

**UPI ID:** justagriculturegroup-1@okicici  
(Google Pay, PhonePe, BHIM, PayTM)

**PAYPAL:** dpsrsgk@gmail.com



Last Date to Register- 31st Dec,2023



## Chief Patron



**Dr. S.R. Gadakh**  
Vice-Chancellor,  
Dr. PDKV, Akola

## Co- Patron



**Dr. V.K. Kharche**  
Director of Research,  
Dr. PDKV, Akola.

## Course Convenor



**Dr. Santosh J. Gahukr**  
CEO,  
AIC, Maharashtra

## Organizing Director



**Dr. D.P.S. Badwal**  
CEO, Just Agriculture  
Education Group

## Course Director



**Dr. Mohit Bharadwaj**  
Gen. Secretary,  
AEEFWS

## Course Coordinator-



**Dr. Utkarsha P. Gaware**  
Vice- President,  
Just Agriculture Edu. Group



**Dr. Paresh P. Baviskar**  
Vice- President,  
Just Agriculture Edu. Group



**Dr. Piyush Choudhary**  
MPUAT, Udaipur,  
Rajasthan

## ORGANIZING COMMITTEE

- Dr. S. Dinesh Kumar, Dhanalaxmi Srinivasan University  
Dr. A. S. Dhindwal, PDM University, Bahadurgarh, Haryana  
Dr. Addanki Maneesha, SKCHS, Andhra Pradesh  
Dr. Ajay Gulabrao Gathe, Dr. PDKV, Akola  
Dr. Ajeet Jumar, Om Sterling Global University, Hisar  
Dr. Akshay Ingole, College of Agriculture, Mul  
Dr. Akshay Kumar, Chandra Shekhar Azad University of Agricultural and Technology, Kanpur  
Dr. Amar T Lokhande, MPKV, Rahuri  
Dr. Amit A. Kulthe, MIT Art, Design and Technology University, Pune  
Dr. Amit Kumar, GLA University, Mathura, UP  
Dr. Amit Kumar, Swami Vivekanand Subharti University Meerut  
Dr. Amit Yadav, Raffles University Neemrana, Alwar, Rajasthan  
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Dr. Anamika Chauhan, ChamanLal Mahavidyalay, Landhora, Haridwar Uttarakhand  
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Dr. Anshuman Jena, Siksha 'O' Anusandhan, Bhubaneswar, Odisha  
Dr. Arun Bhatt, Govind Ballabh Pant Institute of Engineering and Technology, Uttarakhand  
Dr. Arvind Pratap Singh, Kamla Nehru Institute of Physical & Social Sciences, (Sultanpur)  
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Dr. B. N. Pawar, MPKV, Rahuri  
Dr. Bahaderjeet Singh, GKU, Bathinda, Punjab  
Dr. Barnali Saikia, SCS College of Agriculture, Assam Agricultural University, Rangamati,  
Dr. Bhagyashri Vijay Ronge, VNMKV, Parbhani  
Dr. Bhupendra Kaswan, Khalsa College of veterinary and animal sciences Amritsar,  
Dr. Bijoy, Shiksha 'O' Anusandhan, Bhubaneswar, Odisha  
Dr. C. Sudharshana, Mallareddy University, Hyderabad, Telangana  
Dr. C.L. Gour, Mansarovar Global University, Bilkisiganj, Sehore M.P.  
Dr. Dalpat Lal Suthar, Jagannath University, Jaipur, Rajasthan

# ORGANIZING COMMITTEE

Dr. Deep Shikha, IIVER, Haryana  
Dr. Deepa Nainwal, Graphic Era Hill University, Uttarakhand  
Dr. Deepak Baboo, Madhyanchal Professional University, Ratibad, Bhopal M.P.  
Dr. Deepak Chandran, Amrita Vishwa Vidyapeetham University, Coimbatore, TN  
Dr. Deepak Kumar Sinha, Sage University, Indore, MP  
Dr. Deepak Kumar, Eternal University H.P.  
Dr. Deepak Kumar, Oriental University, Indore, MP  
Dr. Deepak Kumar, Roorkee College of Engineering, Roorkee, Uttarakhand  
Dr. Deepak Kumar, Verma, KPHEI, Jhalwa, Prayagraj  
Dr. Deepak Sharma, School of Agricultural Sciences, Jaipur National University, Jaipur, Rajasthan  
Dr. Deepinderpal Singh, Desh Bhagat University, Mandi Gobindgarh, Punjab  
Dr. Devesh Kumar Pandey, Mansarovar Global University Kolar road Bhopal  
Dr. Dhairya Thorat, Indian Institute of Science  
Dr. Dharmendra Kumar Janghel, GD Goenka University, Gurugram, Haryana  
Dr. Digvijay Dubey, Rabindranath Tagore University, Raisen, MP  
Dr. Diksha Sharma, SKRAU, Bikaner, Rajasthan  
Dr. Dipali Saxena, Sri Vaishnav Vidyapeeth Vishwavidyalaya, Indore, MP  
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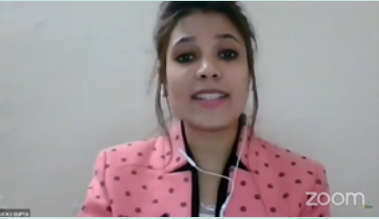
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## 97% Yield Increase

Date: March 2020  
 Place: Piplan, Peru.

Details: Guillermo Caberes installed the technology in a farm with 30 hectares of peppers.

Results: After 16 days, the Kyminal plants grow faster and more uniformly than control. They produced 30% more flowers than the control plants, with darker green coloring and more vigorous growth. At harvest, the Kyminal plants produced a 97% increase in yield over the control field.

Average weight Crop Booster: 35 gr. (35gr x 45 peppers = 1575gr)  
 Average weight Witness: 21 gr. (21gr x 38 peppers = 798gr)

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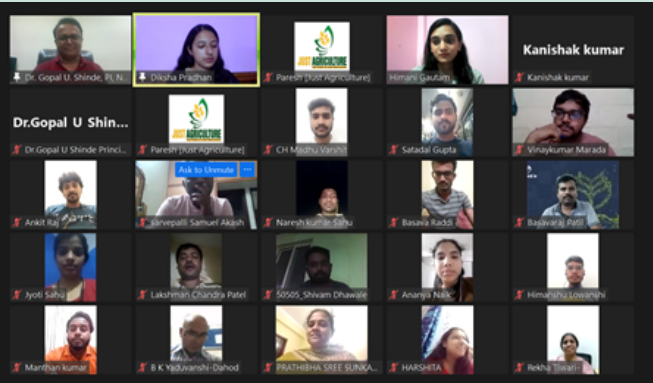
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