



**Establishment of Directorate General of Civil Aviation
(DGCA) approved Remote pilot Training Organization
(RPTO) at Mahatma Phule Krishi Vidyapeeth Rahuri.**

Implementation for the period 2022-32.



MAHATMA PHULE KRISHI VIDYAPEETH

RAHURI, DISTRICT : AHMEDNAGAR

(MAHARASHTRA)

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Univ. Reso.No.MTG- 3(721)/195/of 2023,

Date : 23/06/2023.

Read :- 1. File No. VC. 1876 dated 20/07/2021, Approval of university level committee for Establishment of RPTO, MPKV Rahuri

2. No.EDN/DNS/541/2021 dated 18/11/2021, Approval of Draft of Expression of Interest (EOI) for establishment of RPTO, at MPKV Rahuri

3. File No. VC. 1228 dated 25.03.2022, Approval for establishment of "Remote Pilot Training Organization (RPTO); Training partner for RPTO

4. No. MPKV/EDN/DNS/RPTO/3952/2022, Dated 30/03/2022

5. No. MPKV/Admin/RPTO/158/2022 Dated 30/05/2022

6. File No. VC. 3766 dated 9/9/2022, Approval for establishing flying station of RPTO At Agricultural Research Station, Chas, MPKV Rahuri.

7. No.DOR/ADR/RPTO/2474/2022, Dated 13/09/2022.

8. File No. DGCA-31036/49/2022-DRONE-Dte, RPTO Authorization No 25/2022, Dated 19/09/2022

9. Minutes of the 336th Executive Council meeting held on 03.10.2022

The Center for Advanced Agricultural Science and Technology (CAAST) for Climate Smart Agriculture and Water Management (CSAWM) is functioning at MPKV, Rahuri by Education Division of Indian Council of Agricultural Research (ICAR) and National Agricultural Higher Education Project (NAHEP) vide F. No. NAHEP/CAAST/2018-19/4 dated 13-06-2018 and UR No. MTG-3(690)/203/2018, dated 19/11/2018.

The Government of India and Maharashtra have promoted the use of drones in agriculture. Accordingly, Mahatma PhuleKrishiVidhyapeeth (MPKV), Rahuri, have been organizing different activities for effective use of drones in agriculture. In this context, Centre for Advanced Agricultural Science and Technology (CAAST) on Climate Smart Agriculture and Water Management (CSAWM)" MPKV Rahuri, has developed one of the best laboratory in agricultural university in India with 37 different types of drone. By using these drones different experiments are in progress. Eight student, scientist and faculties have taken remote pilot training. Also, one of the scientists has taken remote pilot instructor training programme.

As part of promotion drones in agriculture with developing entrepreneurship opportunities to young generation by imparting remote pilot training, MPKV Rahuri has submitted the application for the establishment of Remote Pilot Training Organization (RPTO) to Directorate General of Civil Aviation (DGCA). MPKV Rahuri has satisfied the different requirements and necessary the documentation for the establishment of RPTO. Accordingly, under the chairmanship

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of Hon. Vice Chancellor, MPKV Rahuri, high level university committee was formulate, including all directors, Registrar, Comptroller and respective faculties vide ref. Sr.No.1. With approval of high level committee, Ground Zero Aerospace, Mumbai has appointed as training partner organization for the establishment and operation of RPTO by following proper account procedure vide ref. Sr. No 2-4.

The RPTO application was submitted to the Directorate General of Civil Aviation (DGCA) after completing the all facilities and infrastructure requirement for the establishment of RPTO at MPKV Rahuri. The application was scrutinized by Deputy Director (Drone), DGCA and physical inspection of all facilities and requirement of RPTO at MPKV Rahuri. The facilities like infrastructure including drone laboratory, UIN drone, classroom, simulator, drone flying station with its documents was scrutinized during the inspection vide ref. Sr. No. 5-7. He also conducted skill test of two remote pilot instructors and found suitable for establishment and operation of RPTO. They have given approval to establish RPTO for the duration of 19/09/2022 to 18/09/2032 vide ref. Sr. No. 8. Accordingly the proposal was submitted to 336th meeting of Executive Council head on date 03/10/2022 the Executive Council has subsequently approval vide ref. Sr. No.9

RESOLUTION

On authorization given by Directorate General of Civil Aviation (DGCA), for the establishment and operation of Remote Pilot Training Organization (RPTO) at Mahatma Phule Krishi Vidyapeeth, Rahuri. As per the Resolution passed by the Hon. Executive Council, MPKV, Rahuri in its 336th meeting held on 03/10/2022 vide Resolution No. 15/336, the Hon. Vice Chancellor, MPKV, Rahuri is pleased to approval for the establishment and operation of RPTO at Mahatma Phule Krishi Vidyapeeth, Rahuri.

The details of operational procedures and management of RPTO, Technical, Administrative, Financial and Overall Control, DDO & PAO are given in Annexure-I. The details of the Remote Pilot Certificate (RPC) training programme are given in Annexure-II.

This resolution is issued in concurrence of the Comptroller vide his un-official reference No. Cr. 309VC, dated: 29/05/2023.

Sd/-

**Registrar
MPKV, Rahuri**

F.W.Cs. for information and necessary action to

- 1) The Dean, Faculty of Agriculture & Director of Instruction, MPKV, Rahuri
- 2) The Director of Research, MPKV, Rahuri.
- 3) The Director of Extension Education, MPKV, Rahuri
- 4) The Associate Dean (All), MPKV, Rahuri
- 5) The Associate Director of Research, MPKV, Rahuri
- 6) The Head Departments (All), MPKV, Rahuri
- 7) The Comptroller, MPKV, Rahuri
- 8) The Planning Officer, MPKV, Rahuri
- 9) The Deputy Registrar (Admn/ACD), MPKV, Rahuri
- 10) The Asstt. Comptroller (II/III/IV)/PAO, MPKV, Rahuri
- 11) The PA to Hon. Vice Chancellor, MPKV, Rahuri

Asstt. Registrar
**Deputy Registrar (Admin.)
MPKV, Rahuri**



Annexure-I

Operation and management of Remote Pilot Training Organization (RPTO)

Approval of Remote Pilot Training Organization (RPTO),	:	Director General of Civil Aviation (DGCA), Government of India, New Delhi.
Approval Date	:	19.09.2022
Duration of approval	:	19.09.2022 to 18.09.2032
Main office	:	Central Campus, Mahatma PhuleKrishiVidhyapeeth, Rahuri
Drone flying station and training hall	:	Agricultural Research Station, Chas, Ahmednagar

Objectives of Remote Pilot Training Organization

1. To impart the remote pilot certificate (RPC) training programme as per the training procedure manual approved by Director General of Civil Aviation (DGCA).
2. To evaluate the trainees/candidates after completion of training.
3. To issue the remote pilot certificate (RPC) to the trainees/candidates.
4. To maintain the all information and documents regarding training programme.
5. To provide the information of trainees/candidates to DGCA.

Infrastructure required for Remote Pilot Training Organization

1	Office	CAAST-CSAWM, bulding
2	Classroom	CAAST-CSAWM, bulding: 300 sq. ft
3	Simulator and Liabrary	CAAST- CSAWM, building: 200 sq. ft
4	Drone laboratory	CAAST-CSAWM, building: 500 sq. ft
5	Field office and training hall	Agricultural Research Station, Chas, Ahmednagar
6	Drone flying station	Agricultural Research Station, Chas, Ahmednagar

Management of Remote Pilot Training Organization

Accountable Manager and Principal Investigator: Dr. S. M. Nalawade, Professor and Head, Department of Farm Machinery and Power Engineering

Operation:

1. To arrange the material required for the training programme and management and control on the instructor.
2. To make arrangement of lodging and boarding facilities for participants/candidates.
3. Liaising with training partner and DGCA office.
4. To provide the documents as per the requirement.

Technical and Administrative control: Head, Agricultural Engineering, MPKV Rahuri.

Overall control: Dean (F/A), and Director of Instruction, MPKV Rahuri.

Financial Management:




1. Separate account is required for the completing the operational expenditure of Remote Pilot Training organization.
2. The financial management of RPTO account will be responsibility of accountable manager.
3. Audit of every financial account will be done by authorized chartered accountant.

Drawing and Disbursing Officer: Accountable Manager, RPTO, MPKV Rahuri

Delegation of powers:

1. Stationary material required for day-to-day office work, incidental expenditure, minor repairs and maintenance charges: Rs. 10000/- Powers to Accountable Manager
2. Stationary material required for day-to-day office work, incidental expenditure, minor repairs and maintenance charges: Rs. 50,000/- Powers to Technical and Administrative control
3. Stationary material required for day-to-day office work, incidental expenditure, minor repairs and maintenance charges: Rs. 1,00,000/- Powers to Dean (F/A), and Director of Instruction, MPKV Rahuri.
4. Stationary material required for day-to-day office work, incidental expenditure, minor repairs and maintenance charges: Full Powers to Hon. Vice Chancellor, MPKV Rahuri


Deputy Registrar (Admin.)
MPKV, Rahuri



Annexure-II

Remote Pilot Training Organization (RPTO), Mahatma Phule Krishi Vidyapeeth, Rahuri.

Duration: Duration of Remote Pilot Certificate (RPC) training is as given below

Sr. No.	Training Name	Duration
1	Remote Pilot Certificate (RPC)	One week

Who will attend training?

1. Scientist and faculties of Agricultural Sciences, Social Sciences, Agricultural Engineer and Engineering from Mahatma Phule Krishi Vidyapeeth or any other university.
2. Students of Agricultural Sciences, Social Sciences, Agricultural Engineer and Engineering from Mahatma Phule Krishi Vidyapeeth or any other university.
3. Subject Matter Specialist of Krishi Vidyan Kendra.
4. Entrepreneur/businessman/farmers/EGO/FPO officers
5. Individual from India whose is 10th pass and having valid passport.

Number of seats: 20

Application Process:

Publicity of each Remote Pilot Certificate (RPC) Training programme with course content, schedule, maximum seats available, offline or online mode, instructor, evaluation criteria and selection criteria etc. will be published time to time on the University and CAAST-CSAWM website, websites of other relevant institutes and other social media

Training programme application start and last date as well as the information to take the certificate course through offline or online mode will be published in advance.

Participants have to apply online mode on CAAST-CSAWM or other designated website/portal.

Candidates should check training programme eligibility and eligible candidates should submit the online application form the training programme with course fee and required documents.

Candidates will be selected on first come first serve basis but after registration of required number of candidates for training programme, application process will be stopped.

Selected candidates will be notified for training programme through respective website/email/ phone or other suitable media.

Course fee: Rs.55,000 per participants + Rs.5000/- for lodging and boarding.

Sr. No.	Particulars	Individual Fee (Rs.)
1	Students, Farmers, Farmers Producer Organizations (FPO), NGOs, SHGS	40,000
2	Government officer/ Staff (*Group of minimum 5)	45,000 (*40,000)
3	Industry person or any other individual (# Group of Industry under MoU with minimum 5 candidates per batch)	55,000 (#45,000)

Terms and condition:

1. **Students:** Must be registered student of any college (bonafide certificate should be submitted as proof)
2. **Farmer:** Must have authorized proof of agriculturist by competent authority.
3. **Government officers/staff:** Office ID, nomination letter and relieving order from competent authority.
4. **Farmers Producer Organizations, NGOs, SHGS:** Should have valid registration proof and nomination letter from the organization.
5. **Government official group of minimum 5:** Office ID, nomination letter and relieving order from competent authority.



6. **Official group of Industry having MOU:** Nomination letter and relieving order from competent authority.

If required number of interested candidates is not available or for any other reason the right to conduct or cancel the training programme shall be reserved to the institute/project.

Training Course Fees shall include registration fee, course material as well as visits where applicable. Course Fees shall be revised from time to time with the approval of Hon'ble Vice Chancellor Mahatma Phule Agricultural University Rahuri.

Course/Registration Fees is Non-Refundable. Course/Registration Fees will be refunded only if the training programme is not conducted for any reason.

Lodging and Boarding

Lodging and boarding is responsibility of the participants. However, accommodation facility will be provided at Central Campus of Mahatma PhuleKrishiVidhyapeeth, Rahuri subject to availability guest house and concerned are required to comply with accommodation terms and conditions.

Eligibility criteria

Candidate applying for the training programme must confirm his minimum eligibility to apply for this training programme. Eligible candidates should submit the online application form the training programme with course fee and required documents. Candidates will be selected on first come first serve basis. After registration of required number of candidates for training programme, application process will be stopped.

Sponsored Candidates

If any government/ENO/ private institute show willingness to conduct the said training programme for its employees then separate batch will be started with minimum 10 candidates.

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Deputy Registrar (Admin.)
MPKV, Rahuri