

*The implementation of the Project on
“Development of Crop Weather Calendars,
Spectral Libraries, and Irrigation Advisories to
Support Parcel-Level Real-Time Autonomous
Agro-Advisory System for Farmers in POCRA
cluster of Maharashtra” at Department of
Agricultural Engineering, MPKV, Rahuri.*

*Implementation of the period 1 December, 2025
to 30 November, 2027 (24 Months)*



**MAHATMA PHULE KRISHI VIDYAPEETH
RAHURI, DIST. AHILYANAGAR (MAHARASHTRA)**

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Univ. Reso. No. MTG-3(763)/ 16 /of 2026

Date- 29 /04/2026

- Read :-
- 1) Memorandum of Understanding (MoU) between NDKSP, Pocr, Mumbai and MPKV, Rahuri signed on 12/01/2026..
 - 2) Executive Council Resolution No.13/346 dated 17/02/2026.
 - 3) Proposal Submitted vide letter No.HOD/AE/MPKV/434/2026 dated 27.03.2026 from Head Department of Agril. Engineering, MPKV, Rahuri.

The Project on Climate Resilient Agriculture (PoCRA) sanctioned the project “Development of Crop Weather Calendars, Spectral Libraries, and Irrigation Advisories to Support Parcel-Level Real-Time Autonomous Agro-Advisory System for Farmers in POCRA cluster of Maharashtra” under Department of Agricultural Engineering, Mahatma Phule Krishi Vidyapeeth, Rahuri for implementation for the period of 01 December, 2025 to 30 November, 2027 (24 months) as per the Memorandum of Understanding (MoU) referred at Sr. No.1.

RESOLUTION

On approval Nanaji Deshmukh Krishi Sanjeevani Prkalp (NDKSP), Govt. of Maharashtra vide MoU referred at Sr. No. 1 and resolution passed by the Executive Council referred to at Sr. No. 2 above, the Hon. Vice Chancellor is pleased to accord sanction for implementation of the project entitled “Development of Crop Weather Calendars, Spectral Libraries, and Irrigation Advisories to Support Parcel-Level Real-Time Autonomous Agro-Advisory System for Farmers in POCRA cluster of Maharashtra” under Department of Agricultural Engineering, Mahatma Phule Krishi Vidyapeeth, Rahuri for implementation for the period of 01 December, 2025 to 30 November, 2027 (24 months) at a total cost of Rs. 1,07,27,560/- (Rs. One crore seven lakhs twenty seven thousand five hundred sixty only) on 100% basis and as amended by the funding agency from time to time.

(Signature)

Head wise allocation of funds is shown in Annexure-A. The terms and conditions prescribed by funding agency be followed scrupulously.

Hon. Vice-Chancellor is further pleased to accord permission for filling up the temporary/contractual posts of (2) Research Associates, (1) Young Professional-II, (1) Young Professional-I and (2) Field Assistants on consolidated pay as prescribed under the guidelines of the project and by following due procedure (Annexure – B). This University will have no liability whatsoever towards the temporary posts engaged in the project.

Dr. S.A. Kadam, Head, Department of Agril. Engineering, MPKV, Rahuri shall act as Principal Investigator for this project, Dr. P. L. Kulwal, Professor and Cotton Breeder, Cotton Improvement Project, MPKV, Rahuri, Dr. U. S. Surve, Professor of Agronomy, PGI, MPKV, Rahuri, Dr. B. K. Gavit, Professor of SWCE, Directorate of Research, MPKV, Rahuri, Dr. Y. G. Saindane, Assistant Professor of Entomology, PGI, MPKV Rahuri, Dr. N. A. Musmade, Assistant Professor of Plant Pathology, Pulse Improvement Project, MPKV, Rahuri, Dr. Vivek S. Shinde, Assistant Plant Pathologist, AICRP on Maize, MPKV, Rahuri, Dr. Vijay S. Patil, Incharge, ICAR-STCRC, MPKV, Rahuri, Dr. Ritu Thakare, Associate Professor, Deptt. of Soil Science, PGI, MPKV, Rahuri, Dr. S. R. Shelke, Assistant Professor, Deptt. of Soil Science, PGI, MPKV, Rahuri Dr. S. V. Bagade, Professor (CAS) and i/c Head, Dept. of Agrometeorology, College of Agriculture, Pune, Dr. R. P. Andhale, Associate Professor of Agrometeorology, MPKV, Rahuri and Dr. S. K. Upadhye, Associate Professor of SWCE, Deptt. of Agrometeorology, College of Agriculture, Pune shall act as Co-Principal Investigators of this Project. Technical and Administrative Control shall rest with Head, Department of Agricultural Engineering, MPKV, Rahuri. The Assistant Registrar, Dr. A. S. College of Agricultural Engineering and Technology, MPKV, Rahuri shall be Drawing and Disbursing Officer (DDO) of this project. The overall control of the project shall rest with the Director of Research, Mahatma Phule Krishi Vidyapeeth, Rahuri.

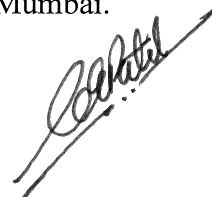
The outcome of the execution shall be evaluated at the Directorate level and the evaluation report shall be submitted along with the annual AUCs.

This resolution is issued in concurrence of the Comptroller vide his un-official reference No. Cr. 61 VC, dated: 15/04/2026.


Sd/-
Rajendrakumar Patil
Registrar

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

- 1) The Project Director, Project on Climate Resilient Agriculture (PoCRA), Nanaji Deshmukh Krishi Sanjivani Prkalp, Govt. of Maharashtra, Mumbai.

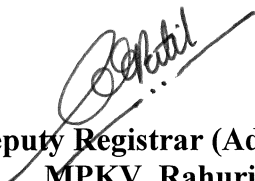


- 2) Under Secretary, Agriculture, Animal Husbandry, Dairy Development and Fisheries Department, Mantralay, Mumbai – 400 032.
- 3) The Director (Research), MCAER.132/B. Bhamburda, Bhosalenagar, Pune 411 007
- 4) The Director of Research, MPKV, Rahuri.
- 5) The Director of Extension Education, MPKV, Rahuri
- 6) The Dean, Faculty of Agriculture & Director of Instruction, MPKV, Rahuri
- 7) The Associate Dean (All), MPKV, Rahuri
- 8) The Associate Director of Research, MPKV, Rahuri
- 9) The Head Departments (All), MPKV, Rahuri
- 10) The Comptroller, MPKV, Rahuri
- 11) The Planning Officer, MPKV, Rahuri
- 12) The Deputy Registrar (Admn/ACD), MPKV, Rahuri
- 13) The Asstt. Comptroller (II/III/IV)/PAO, MPKV, Rahuri
- 14) Dr. S.A. Kadam, Head, Department of Agril. Engineering, MPKV, Rahuri
- 15) Dr. P. L. Kulwal, Professor and Cotton Breeder, Cotton Improvement Project, MPKV, Rahuri
- 16) Dr. U. S. Surve, Professor of Agronomy, PGI, MPKV, Rahuri
- 17) Dr. B. K. Gavit, Professor of SWCE, Directorate of Research, MPKV, Rahuri
- 18) Dr. Y. G. Saindane, Assistant Professor of Entomology, PGI, MPKV, Rahuri
- 19) Dr. N. A. Musmade, Assistant Professor of Plant Pathology, Pulse Improvement Project, MPKV, Rahuri
- 20) Dr. Vivek S. Shinde, Assistant Plant Pathologists AICRP on Maize, MPKV, Rahuri
- 21) Dr. Vijay S. Patil, Incharge, ICAR-STCRC, MPKV, Rahuri
- 22) Dr. Ritu Thakare, Associate Professor, Deptt. of Soil Science, PGI, MPKV, Rahuri
- 23) Dr. S. R. Shelke, Assistant Professor, Deptt. of Soil Science, PGI, MPKV, Rahuri
- 24) Dr. S. V. Bagade, Professor (CAS) and i/c Head, Dept. of Agrometeorology, College of Agriculture, Pune
- 25) Dr. R. P. Andhale, Associate Professor of Agro meteorology, MPKV, Rahuri
- 26) Dr. S. K. Upadhye, Associate Professor of SWCE, Deptt. of Agrometeorology, College of Agriculture, Pune
- 27) The Assistant Registrar, Dr. A. S. College of Agricultural Engineering and Technology, MPKV, Rahuri
- 28) The PA to Hon. Vice Chancellor, MPKV, Rahuri


Deputy Registrar (Admin.)
MPKV, Rahuri

Annexure-A (Budget)

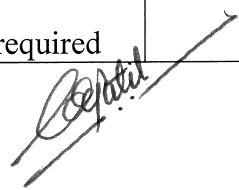
Sr. No.	Components	Year (Rs.)	
		1	2
A	Non-Recurring		
1.	Infrastructure, Equipment and Instruments (Field Spectroradiometer Batteries and accessories, data processing workstation, optical soil health testing device etc.)	15,00,000	-
2.	Multi spectral drone	10,00,000	-
	Sub Total Rs.	25,00,000	-
B.	Recurring		
1.	Human Resources including scientific and technical staff	30,64,800	30,64,800
2.	TA/DA	75,000	75,000
3.	Contingency charges (Field demonstrations on climate resilient practices/workshops)	6,00,000	6,00,000
	Sub Total Rs.	37,39,800	37,39,800
C	Institutional Charges	3,73,980	3,73,980
	Total Rs.	66,13,780	41,13,780
	Grand Total Rs.	1,07,27,560	


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Annexure- B

Educational qualifications and emoluments for contractual positions

Sr. No.	Position (Contractual)	No. of Posts	Discipline/Subject	Qualifications	Emoluments (per month) Rs.
1.	Research Associate	01	Irrigation and Drainage Engineering /Soil and Water Conservation Engineering/Irrigation Water Management	<p>Essential: Ph.D. degree in Irrigation and Drainage Engineering/Soil and Water Conservation Engineering/Irrigation Water Management) OR Masters or M. Tech. (Agri. Engg.) degree in Irrigation and Drainage Engineering/Soil and Water Conservation Engineering/Irrigation Water Management) or equivalent having 1st division or 60% marks or equivalent overall grade point average, with at least two years.</p>	67,000 + 10% HRA (With Ph D.) 61,000 + 10% HRA (With Masters)
2.	Research Associate	01	Remote Sensing and GIS/Geo-Informatics	<p>Essential: Ph.D. degree in Remote Sensing and GIS/Geo-Informatics OR Masters or M. Tech. degree in Remote Sensing and GIS/Geo-Informatics) or equivalent having 1st Division or 60% marks or equivalent overall grade point average, with at least two years Desirable:</p> <ul style="list-style-type: none"> • Experience and/or knowledge in application of RS/GIS techniques in agriculture, water resources, hydrology, weather, climate change • Experience and/or knowledge technologies required 	67,000 + 10% HRA (With Ph D.) 61,000 + 10% HRA (With Masters)



				for analyzing, distributing and visualizing geo-spatial data, image analysis, soft computing and artificial intelligence, meta data analysis in context of natural resources management.	
3.	Young Professional-II	01	Soil Science	Essential: M.Sc (Agri) in Soil Science and Agricultural Chemistry Desirable: 1. Experience in soil, water, and plant analysis. 2. Conducting field trials, including layout design, fertilizer application, and periodic crop growth monitoring.	42,000/-
4.	Young Professional-I	01	Plant Protection	Essential: Graduates in Agriculture Science Desirable: Experience in the identification of major crop pests, diseases, and physiological disorders in the field.	30,000/-
5.	Field Assistant	02	-	Essential: Graduates in Agriculture Science OR Diploma in Agriculture with at least two years of field experience Desirable: Field experience in University/State/ Central Govt. managed projects/schemes farms.	18,000/-


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