

*Implementation of Ad-hoc Research Project Entitled
“Development of Innovative Framework for
Carbon - Neutral Multifunctional Landscape Using
Advanced Data Driven Tools”*

Implementation for the year 2026



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

Univ. Reso. No. MTG-3(767) / **86** /of 2026

Date- **04** /09/2026

- Read:** 1. Approval by the International Water Management Institute (IWMI), New Delhi vide Email dated 30th June, 2026
2. Executive Council Resolution No. 33/347 dated: 17.07.2026
3. Proposal Submitted vide letter No. CAET/SWCE/978/2026, dated 20.08.2026 by Dept. of Soil & Water Conservation Engineering, MPKV, Rahuri.

The Ad-hoc research project “*Development of Innovative Framework for Carbon - Neutral Multifunctional Landscape Using Advanced Data Driven Tools*” has been sanctioned for the period starting from 12th August 2026 to 31st December 2027, by International Water Management Institute, New Delhi referred at Sr. No. 1 above, under the Mahatma Phule Krishi Vidyapeeth, Rahuri at Department of Soil & Water Conservation Engineering, Dr. A.S. College of Agricultural Engineering & Technology, Mahatma Phule Krishi Vidyapeeth, Rahuri.

Accordingly, the proposal for implementation of project at Village- Chichondi, Taluka- Akole, Dist. Ahilyanagar under Department of Soil & Water Conservation Engineering, Dr. A.S. College of Agricultural Engineering & Technology, Mahatma Phule Krishi Vidyapeeth, Rahuri was placed before the Hon. Executive Council in its 347th meeting for approval and subsequently approved by the Hon. Executive Council, MPKV, Rahuri vide referred at Sr. No. 2.

RESOLUTION

On approval accorded by International Water Management Institute, New Delhi vide letter referred at Sr. No. 1, is pleased to accord sanction for the implementation of Ad-hoc research project entitled “*Development of Innovative Framework for Carbon - Neutral Multifunctional Landscape Using Advanced Data Driven Tools*” under Mahatma Phule Krishi Vidyapeeth, Rahuri under Department of Soil & Water Conservation Engineering, Dr. A.S. College of Agricultural Engineering & Technology, Mahatma Phule Krishi Vidyapeeth, Rahuri, from 12th August, 2026 to 31st December 2027. The funds of Rs. **INR 14,00,000/- (USD 14,627.08)** (Rs. Fourteen Lakhs) has been granted for the period of 12th August, 2026 to 31st December, 2027 by the funding agency vide letter referred at Sr. No. 1. Any unspent funds under one budget may be reallocated and utilized under the approved budget head, if required.

The terms and conditions prescribed by funding agency will be followed scrupulously. The project likely to be continued with additional funds in future. The head-wise allocation of funds is shown in **Annexure-A**.

Hon. Vice-Chancellor is further pleased to accord permission for filling up one Post Doctoral Fellow (PDF)/Research Associate (RA)/Senior Research Fellow (SRF) and one

Technical Assistant on fixed remuneration, purely on temporary basis (Annexure-B) by following due procedure. The University will have no liability whatsoever for the sanctioned contractual staff employed temporarily in the project.

Dr. S. B. Nandgude, Professor and Head, Department of Soil and Water Conservation Engineering, Dr. A. S. College of Agricultural Engineering & Technology, MPKV, Rahuri will work as a Principal Investigator for this project. Dr. B. K. Gavit, Associate Professor and DDR, MPKV, Rahuri, Dr. S. S. Shinde, Assistant Professor, Department of SWCE, Dr. ASCAE &T, MPKV, Rahuri and Dr. V. S. Patil, Head, Deptt. of Irrigation and Water Management, PGI, MPKV, Rahuri will work as a Co-Principal Investigators. Technical control shall rest with the Principal Investigator of project and administrative control shall rest with the Associate Dean of Dr. Dr. ASCAE &T, MPKV, Rahuri. The Assistant Registrar, Dr. ASCAE&T, MPKV, Rahuri of Project will be the Drawing and Disbursing Officer. The overall control of the project shall rest with the Director of Research, MPKV, 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. 1151 VC, dated: 03/09/2026.

Sd/-
Rajendrakumar Patil
Registrar

F.W.Cs. for information and

- 1) International Water Management Institute, New Delhi
- 2) The Director of Extn. Education/Research/Instruction, MPKV, Rahuri
- 3) The Dean, Faculty of Agriculture, MPKV, Rahuri
- 4) The Associate Dean (All), MPKV, Rahuri
- 5) The Associate Director of Research, MPKV, Rahuri
- 6) The Head Department (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 (I/II/III/IV)/PAO, MPKV, Rahuri
- 11) The PA to Hon. Vice Chancellor, MPKV, Rahuri
- 12) Dr. S. B. Nandgude, Professor and Head, Department of Soil and Water Conservation Engineering, Dr. A.S. CAE&T, MPKV, Rahuri (Principal Investigator)
- 13) Dr. B. K. Gavit, Associate Professor (SWCE) & Deputy Director of Research, MPKV, Rahuri (Co-Principal Investigator)
- 14) Dr. S. S. Shinde, Assistant Professor, Department of SWCE, Dr. ASCAE&T, MPKV, Rahuri (Co-Principal Investigator)
- 15) Dr. V. S. Patil, Head, Department of Irrigation and Water Management, PGI, MPKV, Rahuri (Co-Principal Investigator)


Deputy Registrar (Admn.)
MPKV, Rahuri

Annexure-A

Head-wise budget provisions of the Research project on, “*Development of Innovative Framework for Carbon - Neutral Multifunctional Landscape Using Advanced Data Driven Tools*” project at the Department of Soil & Water Conservation Engineering, Dr. A.S. College of Agricultural Engineering & Technology, MPKV, Rahuri for the period of 12th August, 2026 to 31st December, 2027. Any unspent funds under one budget may be reallocated and utilized under the approved budget head, if required.

Heads	Year-1	Total
Grants in Aid General		
Management Cost 1. Post Doctoral Fellow (PDF) (One) @ Rs. 75000/- per month consolidated. OR 1. Research Associate (RA) (One) @ Rs. 67,000/- per month + 10% HRA OR 1. Senior Research Fellow (SRF) (One) @ Rs. 37,000/- per month + 10% HRA. AND 2. Technical Assistant (TA) (One) Rs.16,000/per month consolidated.	Rs. 10,92,000/-	Rs. 10,92,000/-
Supply and Services: Minor instruments & pieces of equipment (Stage level recorder, flume, augur, oven etc.) Computer and peripherals with installation and civil construction works & minor repairs etc.	Rs. 1,00,000/-	Rs. 1,00,000/-
Travel and Miscellaneous: Hiring of vehicle, travel charges Stationary, labour, Satellite data, chemicals etc.	Rs. 80,727/-	Rs. 80,727/-
Total	Rs. 12,72,727/-	Rs. 12,72,727/-
(TMC) Institutional charges @10%	Rs. 1,27,273/-	Rs. 1,27,273/-
Grand Total	Rs. 14,00,000/-	Rs. 14,00,000/-
Amount in words (Rs.)	Fourteen Lakhs Rupees Only	


Deputy Registrar (Admn.)
MPKV, Rahuri

Annexure-B

Provision of contractual manpower for the Ad-hoc Research project on “*Development of Innovative Framework for Carbon - Neutral Multifunctional Landscape Using Advanced Data Driven Tools*” project at MPKV, Rahuri.

Designation of post	No. of post	Scale of pay	Qualification prescribed
Post Doctoral Fellow (PDF)	1	Rs. 75000/- per month consolidated.	7. The applicant should be an Indian Citizen. 8. The candidate must have obtained Ph.D. degree (with course work) from a recognized University and should be working (in service) in an institution under ICAR-SAUs System. 9. He/she should have completed minimum three years of service (including clearance of probation) in regular capacity as a Scientist or equivalent in ICAR-SAUs system working in any area of Teaching/Research/Extension. 10. The upper age limit for the fellowship is 40 years on the last date of submission of application. Age relaxation of five years will be given to candidates belonging to SC/ST/OBC/Physically Challenged and Women candidates. 11. PDF can be availed only once by a candidate in his/her career. 12. The candidates of ICAR-DUs are not eligible to apply for Post-Doctoral Fellowship in the same ICAR-DU.
Research Associate (RA)		Rs. 67,000/- per month + 10% HRA. OR Rs. 61,000/- per month + 10% HRA.	Essential: Ph.D. degree in Soil and Water Conservation Engineering/Land and Water Management Engineering/Water Resources Engineering/Irrigation and Drainage Engineering/Irrigation Water Management Engineering OR M. Tech/M.E. in Soil and Water Conservation Engineering/Land and Water Management Engineering/Water Resources Engineering/Irrigation and Drainage Engineering/Irrigation Water Management Engineering or equivalent



			having 1st division or 60 % marks or equivalent overall grade point average, with at least two years of experience. Desirable: Knowledge and/or experience of Remote Sensing and GIS software and GEE will be Preferred.
Senior Research Fellow (SRF)		Rs. 37,000/- per month + 10% HRA.	M. Tech/M.E. in Soil and Water Conservation Engineering/Land and Water Management Engineering/Water Resources Engineering/Irrigation and Drainage Engineering/Irrigation Water Management Engineering. Desirable: Knowledge and/or experience of Remote Sensing and GIS software and GEE will be Preferred.
Technical Assistant	1	Rs. 16,000/- per month consolidated.	Essential: 1. Graduation in B. Sc. Agriculture/B. E./B. Tech in Agricultural Engineering with proficiency in Computer Applications Desirable: 1. Experience of working in watershed and its survey and soil sample collection


Deputy Registrar (Admn.)
 MPKV, Rahuri

