



अन्नं बहु कुर्यात् तद् व्रतम्



सत्यमेव जयते

Government of Maharashtra
Mahatma Phule Krishi Vidyapeeth, Rahuri
Office: Centre of Excellence on Digital Technologies for Smart and Precision
Agriculture (CoE-DTSPA)

Phone No. 02426-243268

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Address: CAAST Building, Central Campus, MPKV, Rahuri,
Tal-Rahuri, Dist-Ahmednagar, Pin- 413 722

No.PI/CoE-DTSPA/Notification/RA/ 231 /2023

Date: 15/12/2023

NOTIFICATION

Applications are invited from the eligible candidates for the posts of Research Associates in different disciplines purely on temporary and contractual basis in the project entitled "Establishment of the Centre of Excellence on Digital Technologies for Smart and Precision Agriculture" operational in this University. The interested candidates are encouraged to apply in the prescribed format (provided in this notification) by sending PDF copy/copies of the application along with the related self-attested certificates/material/documents by email or post or courier service or in person in CoE-DTSPA (CAAST-CSAWM Office), Department of Agricultural Engineering, MPKV, Rahuri so as to reach by the last date **05/01/2024 (upto 6.00 pm)**.

The postal address is: Principal Investigator, Centre of Excellence for Digital Technologies for Smart and Precision Agriculture (CoE-DTSPA), Department of Agril. Engineering, Mahatma Phule Krishi Vidyapeeth, Rahuri, Dist; Ahmednagar-413722 (MS).

The email id is info.coedtspa@gmail.com.

For any questions/queries on application-procedure, candidates can contact to Co-Principal Investigator, CoE-DTSPA, MPKV, Rahuri on the email ID or on a cell phone (9403608302).

The applications will be scrutinized for the eligibility, only short-listed candidates will be called for the interview/written examination. No additional documents other than those submitted with the application will be accepted separately either before the last date, after the last date; or at the time of interview/written examination.

The date of interview/written examination will be communicated to eligible candidates separately by email/text message. However, the candidates are also advised to visit regularly the website "www.mpkv.ac.in" or/and "www.mpkv-caast.ac.in" for any updates.

The details of the posts and required qualifications are given below:

Sr. No.	Name of the Post	Discipline/Subject	No. of Posts	Qualifications
1.	Research Associate	Farm Machinery and Power Engineering/ Mechanical Engineering	01	<i>For Farm Machinery and Power Engineering</i> Essential: Ph.D. degree in Farm Machinery and Power Engineering or equivalent OR

				<p>Masters or M. Tech. (Agri. Engg.) degree in Farm Machinery and Power Engineering or equivalent having 1st division or 60% marks or equivalent overall grade point average, with at least two years research experience, as evidenced from Fellowship/ Associate ship/ Training/other engagements.</p> <p>Desirable: Knowledge/experience in design, development; and operation of precision farm machineries and implements, variable rate applicators, soil dynamics, soil and implement integrator, zero tillage, minimum tillage machineries, hands on experience on software like SOLID WORKS/CATIA/CREO</p> <p>For Mechanical Engineering</p> <p>Essential: Ph.D. degree in Mechanical Engineering or equivalent OR Masters or M. Tech. (Mech. Engg.) degree in Mechanical Engineering or equivalent having 1st division or 60% marks or equivalent overall grade point average, with at least two years research experience, as evidenced from Fellowship/ Associate ship/ Training/other engagements.</p> <p>Desirable: Knowledge and/or experience in Robotics, drones, design of agricultural implements and machineries, CAD, CAM, CAE, Simulation and software like SOLID WORKS/CATIA/CREO</p>
2.	Research Associate	Irrigation and Drainage Engineering	01	<p>Essential: Ph.D. degree in Irrigation and Drainage Engineering /Water Recourse Development and Management /Water Resources Engineering/Irrigation Water Management Engineering or equivalent OR Masters or M. Tech. (Agri. Engg) degree in Irrigation and Drainage Engineering /Water</p>

				<p>Recourse Development and Management/Water Resources Engineering /Irrigation Water Management Engineering or equivalent having 1st Division or 60% marks or equivalent overall grade point average, with at least two years research experience, as evidenced from Fellowship/ Associate ship/ Training/other engagements.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Knowledge and/or experience in pressurized irrigation systems such as sprinkler, drip and its automation, moisture sensors, weather based irrigation scheduling system, IoT for water resources. • Knowledge and/or experience of developing/working with simulation models, decision support system; open source or commercially available software such as DSSAT, MIKE SHE/11, MODFLOW
3.	Research Associate	Electronics and Telecommunication /Computer Engineering/IT/ Instrumentation	01	<p>Essential:</p> <p>Ph.D. degree in Electronics and Telecommunication/ Computer Engineering/IT/Instrumentation or equivalent</p> <p>OR</p> <p>Masters or M. Tech./M.E. / Electronics and Telecommunication/ Computer Engineering/IT/Instrumentation or equivalent 1st division or 60% marks or equivalent overall grade point average, with at least two years research experience, as evidenced from Fellowship/ Associate ship/ Training/other engagements.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Experience and/or knowledge in web based application design and development (languages such as HTML5, CSS, PHP, JAVASRIPT), knowledge and experience of languages such as C++, Fortran visual <p>OR/AND</p>

				<ul style="list-style-type: none"> • Experience and/or knowledge in mobile application design and development (iOS, android) • Experience and/or knowledge in IoT platforms, VLSI and embedded systems, different sensors and communication between sensors and software. Development and application of computer hardware, software, electronic instrumentation control and communication systems in agriculture, water and climate sectors.
4.	Research Associate	Remote Sensing and GIS/ Geo-Informatics/ Soil and Water Conservation Engineering	01	<p><i>For Remote Sensing and GIS</i></p> <p>Essential: Ph.D. degree in Remote Sensing and GIS Applications or equivalent OR Masters or M. Tech./M.E. degree in Remote Sensing and GIS Applications or equivalent having 1st division or 60% marks or equivalent overall grade point average, with at least two years research experience, as evidenced from Fellowship/ Associate ship/ Training/other engagements.</p> <p>Desirable: Experience and/or knowledge in application of RS/GIS techniques in agriculture, water resources, hydrology, weather, climate change</p> <p><i>For Geo-Informatics</i></p> <p>Essential: Ph.D. degree in Geo-informatics/ Geo-Information Science or equivalent OR Masters or M.Sc./M. Tech./M.E. degree in Geo-informatics/ Geo-Information Science or equivalent having 1st division or 60% marks or equivalent overall grade point average, with at least two years research experience, as evidenced from Fellowship/ Associate ship/ Training/other engagements.</p>

				<p>Desirable: Experience and/or knowledge technologies required for analyzing, distributing and visualizing geo-spatial data, image analysis, soft computing and artificial intelligence, meta data analysis in context of natural resources management.</p> <p>For Soil and Water Conservation Engineering</p> <p>Essential: Ph.D. degree in Soil and Water Conservation Engineering/ Soil and Water Engineering or equivalent OR Masters or M. Tech. (Agri. Engg.) degree in Soil and Water Conservation Engineering/ Soil and Water Engineering or equivalent having 1st Division or 60% marks or equivalent overall grade point average, with at least two years research experience, as evidenced from Fellowship/ Associate ship/ Training/other engagements.</p> <p>Desirable: Knowledge and/or experience in river basin modeling such as AVSWAT, Water Erosion Prediction Project (WEPP), HEC-HMS, HEC-RAS models, erosion modelling.</p>
5.	Research Associate	Extension Education and Communication	01	<p>Essential: Ph.D. degree in Agril. Extension Education and Communication OR M. Sc. (Agri.) degree in Agril. Extension Education and Communication or equivalent having 1st division or 60% marks or equivalent overall grade point average, with at least two years research experience, as evidenced from Fellowship/ Associate ship/ Training/other engagements.</p>

				<p>Desirable: Experience and/or knowledge of social sciences in the weather–climate enterprise, institutional aspects of agriculture systems, capacity building, report writing.</p>
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Note: The teaching or teaching assistantship/training experience is desirable for the post stated above.

Emoluments

1. With Ph.D.: Rs. 54,000=00 per month consolidated +HRA as applicable.
2. With a Master's degree holder: Rs. 49,000=00 per month consolidated + HRA as applicable.

Age limit:

The Upper age limit will be 40 years for men and 45 years for women for the above posts.

Conditions

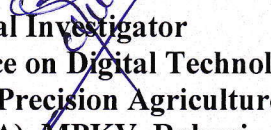
- a) It is the responsibility of the candidate to submit the application and to attend the in person/ online interview on scheduled date and time as communicated by email/text message.
- b) The post is purely on a temporary basis for the specified period and the candidate is subjected to termination on the expiry of the period or the project "Centre of Excellence" or by giving the notice of one month from either side.
- c) Canvassing in any form will make the candidate ineligible.
- d) The candidate should bring photo identity which needs to be produced during the "Verification of Document" Process or interview/written examination.
- e) It is to inform to note all the terms and conditions of the temporary employment as stated below.

Terms and conditions:

1. The Research Associate will be under the administrative control of the concerned Co-Principal Investigator (Co-PI) and Principal Investigator (PI).
2. The engagement/appointment will stand terminated on completion of the tenure of the scheme or on the date stated in the appointment order whichever is earlier; whether so communicated formally on an individual basis or not. The University (MPKV) or this project (Centre of Excellence) holds no responsibility for regularization/ appointment by absorption or otherwise against any regular post on termination of the project as it is purely temporary; time-bound arrangement on contractual and co-terminus basis with the project.
3. The Research Associate shall have no legal right to claim his/her regularization/ appointment by absorption or otherwise against any regular posts or any further contractual engagement on termination of this Project. The engagement in the scheme is purely time-bound, non-regular and on co-terminus basis with the Project. The services of the incumbent shall stand terminated automatically on expiry of the project/appointment order whichever is earlier.
4. If any Research Associate leaves his/her assignment without permission for one month, he/she will stand terminated from the date of his/her absence.
5. The appointment of Research Associate will be terminated at any time by the issue of 24 hours' notice if the Research Associate found to be negligent in his/her work or found guilty of gross negligence in his/her duties or of grave misconduct or of discipline.
6. Research Associate will not leave the project in the middle of his/her tenure. Further, however, if he/she intends to do so he/she has to give one month notice in writing in advance or remit the amount of one month's salary. Alternatively, Centre of Excellence Project, MPKV can terminate the services of

- Research Associate by giving one month notice by citing no reasons thereof. Research Associate has not any right of claiming permanency benefit of the said post or such posts by virtue of this appointment.
7. While leaving the job, Research Associate has to hand over the complete charge to a person nominated by the Principal Investigator and obtain No Objection Certificate from Principal Investigator.
 8. Since Research Associate are engaged for the Centre of Excellence Project work full time, the Research Associate will not be allowed to do any other work or to accept or hold another appointment with or without remuneration elsewhere.
 9. Research Associate will devote whole time to the assignment given and will not be allowed to accept or hold another appointment paid or otherwise during the period.
 10. Research Associates are full-time workers and are required to adhere to the administrative, financial and disciplinary regulations of University/Institute where the incumbent is working. Regular attendance of the Research Associate may be ensured by the concerned Co-PI/PI by keeping an attendance register.
 11. Research Associate will have to work anywhere in the jurisdiction of MPKV as and when the need arises.
 12. Research Associate has to perform all duties, responsibilities that will be assigned to him/her by the Principal Investigator/Co-Principal Investigator authorities as per the requirements of the project.
 13. The research or any work done by the Research Associate will be the property of the Centre of Excellence Project, Mahatma Phule Krishi Vidyapeeth, and the Research Associate will have no control or right on the same.
 14. The Centre of Excellence Project, MPKV, Rahuri will have the intellectual property rights/proprietary right on research outputs of the RA made during the period of working in the Center of Excellence Project. However, in case the RA has done some research work, his/her name can accordingly be acknowledged/included appropriately in the research paper(s) as solely decided by the PI. No right in this regard can be claimed.
 15. The Research Associate may be deputed by the PI to attend symposia/seminars/conferences/workshop/training etc., in India.
 16. The Research Associate shall settle their claims within one month and in no case after the final settlement of the accounts of the scheme.
 17. The Research Associate should execute the bond on bond paper if Rs. 100/- stating the terms and conditions are acceptable to him/her and will abide by the same as per the format provided from time to time.
 18. Number of posts may increase or decrease.

The candidates should apply giving full details as per the enclosed prescribed format (**Application Form for post of Research Associate under Centre of Excellence on Digital Technologies for Smart and Precision Agriculture (CoE-DTSPA)**) to the Principal Investigator, Centre of Excellence on Digital Technologies for Smart and Precision Agriculture (CoE-DTSPA), Deptt. of Agril. Engineering, Mahatma Phule Krishi Vidyapeeth, Rahuri-413 722 (MS), Dist. Ahmednagar on or before 05/01/2024 (upto 6.00 pm) by using the means stated in the beginning of this Notification.


Principal Investigator
Centre of Excellence on Digital Technologies
for Smart and Precision Agriculture
(CoE-DTSPA), MPKV, Rahuri

Copy submitted with respects for the favour of information to:

- 1) Under Secretary, Agriculture, Animal Husbandry, Dairy Development and Fisheries Department, Mantralay, Mumbai – 400 032.
- 2) The Director (Research), MCAER.132/B. Bhamburda, Bhosalenagar, Pune 411 007
- 3) All SAUs/ICAR Institutes in India
- 4) The Dean, F/Agri. and Director of Instruction, MPKV/Dr.PDKV/Dr.BSKKV/VNMKV
- 5) The Director of Research, MPKV/Dr.PDKV/Dr.BSKKV/VNMKV
- 6) The Director of Extension Education, MPKV/Dr.PDKV/Dr.BSKKV/VNMKV
- 7) The Associate Deans (All),
- 8) The Associate Director of Research, (NARP) (All)
- 9) The Specialists (All)
- 10) The Heads of Departments (All), MPKV, Rahuri
- 11) The Planning Officer, MPKV, Rahuri
- 12) The Comptroller, MPKV, Rahuri
- 13) The Deputy Registrar (Admn.) MPKV, Rahuri
- 14) The Asstt. Registrar, (Admn.) MPKV, Rahuri
- 15) The PA to Hon'ble Vice-Chancellor, MPKV, Rahuri
- 16) Associate Dean, Post Graduate Institute, Dr. PDKV, Akola / VMKV, Parbhani / Dr. BSKKV, Dapoli.

Copy f.w.c.s. for information to:

- 1) In-charge ARIS Cell, MPKV, Rahuri.

2/- It is requested to upload this notification on University web site for wide publicity.



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**Centre of Excellence on Digital Technologies for Smart and
Precision Agriculture (CoE-DTSPA)**
Department of Agricultural Engineering
Mahatma Phule Krishi Vidyapeeth
Rahuri-413 722, Dist-Ahmednagar

Application form for Recruitment of Research Associate

Ref: No.PI/CoE-DTSPA/Notification/ RA/ /2023 ; dated: / /2023

Photo

1	Post applied for	
2	Sr. No. and Discipline of the post (see Table on page No. 1)	
3	Full Name (in Block letters)	
4	Father's /Husband Name	
5	Gender (tick appropriate) [✓]	Male [] Female []
6	Date of Birth	
7	Age as on / /2023*	Years _____ Months _____ Days _____
8	Marital Status	
9	Mobile Number	
10	E-mail Address	
11	Correspondence Address (with pin code)	
12	Permanent Address	
13	Educational Qualification*:	

Sr. No.	Name of degree	Board/ University	Year of passing	Marks/ Percentage OGPA	Class
1.					
2.					
3.					
4.					
5.					
14	Work experience*:				
Sr. No	Designation	Name of employer	Period		No. of years and month
			From	To	
1.					
2.					
3.					
15	Publications (Number only and attached the list separately and provide the copies of full-length papers): <ol style="list-style-type: none"> 1. Published papers in Journals: 2. Chapters published in Book: 3. Books published: 4. Popular (extension) articles: 				
16	Present employment details				
17	Additional information, if any*				

(Note: *The self-attested copies of the certificate/documentary evidence should be provided alongwith the application)

The information given above by me is true to the best of my knowledge and belief. If any information is being found false, my candidature/Services, if selected, may be terminated without any notice.

Date: / /2023

Signature of Applicant

- Note:**
1. Please enclose only self attested true copies of the relevant documents
 2. Please take care that e-mail and mobile/phone number are mentioned properly as the further correspondence (if required) will be done through SMS/email only.