Sher-e-Kashmir

University of Agricultural Sciences & Technology of Kashmir,
Division of Food Science and Technology

Advertisement Notice

Applications are invited from the highly motivated and eligible candidates to work under **Ministry of Electronics and Information Technology (MeitY)** sponsored project entitled **"Application of Electronics and ICT in Himalayan Region Crop Management (Agri-Excellence)"**. The positions are purely on contractual basis and co-terminus with the project.

Project Title	Deliverables	Positions	Salary	No.	Qualifications	Relevant Experience and Skillset
Saffron Improvement Programme (SIP)	1. Agri-bot for Weed Management of Saffron fields. 2. Automatic Saffron Harvester and Stigma Separator. 3. Smart Soil-less Saffron Growth Chamber.	SRF	49,560	4	SRF 1. M.Tech Electronics & Communication Engineering having GATE/NET or Ph.D or 2 years of relevant experience.	Skilled in sensor integration, circuit design, and programming (Python/C/C++)
					SRF 2. M.Tech Soil & Water Engineering with GATE/NET or Ph.D or 2 years of relevant experience..	Experience in smart agriculture and protected cultivation in saffron.
					SRF 3. M.Tech Computer Science Engineering with GATE/NET or Ph.D or 2 years of relevant experience.	Proficient in AI/ML frameworks (TensorFlow, PyTorch, Scikit-learn), cloud platforms (AWS, Azure, GCP), and tools like Docker and Kubernetes.
					SRF 4. M.Tech Food Technology with GATE/NET or Ph.D or 2 years of relevant experience.	Application of AI and Robotics in Post-harvest management of horticultural crops.
		JRF	43,660	1	M.Tech Mechanical Engineering/Mechatronics with GATE/NET or Ph.D or 2 years of relevant experience.	Relevant experience in CAD/CAM/CAE with proficiency in SolidWorks, AutoCAD, ANSYS, and Fusion 360; hands-on experience in CNC machining, robotics, automation, and rapid prototyping (e.g., 3D printing).

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		Project Assistant	23,600	2	PA 1. B.Tech Agri-Engineering/Electronics and communication Engg.	Smart agri machine design with sensor integration, IoT-based systems, and microcontroller applications for precision farming and field monitoring.
					PA 2. B.Tech Mechanical Engineering/Mechatronics Engineering	Basic knowledge of CAD/CAM tools (e.g., SolidWorks, AutoCAD), and hands-on experience in mechanical fabrication, assembly, or prototyping.
		Scientific Administrative Assistant	21,240	2	SAA: B.Tech Agri-Engineering	Experience in field data collection, operating agricultural machinery, handling sensors for soil/crop monitoring, with familiarity in precision agri tools, basic data analysis.
					SAA-2: BBA/B.Com	Accounting, bookkeeping, invoice processing, and financial record maintenance. Proficiency in MS Excel, Tally, or other accounting software.
Tech walnut-smart automation-based walnut industry	1. Smart Walnut Harvester. 2. System for segregating Inshelled walnuts based on shell thickness. 3. System for grading walnut kernels based on colour. 4. Rapid Aflatoxin detection setup.	Project Associate	29,500	1	B.Tech Computer Science Engineering	Experience in developing end-to-end AI/ML pipelines, TensorFlow, Pytorch etc. data preprocessing, model training, evaluation, and deployment.
		Scientific Administrative Assistant	21,240	1	B.Tech Mechanical Engineering/Mechatronics Engineering	Experience in CAD/CAM/CAE (SolidWorks, AutoCAD, ANSYS), CNC machining, robotics, 3D printing, and integration of mechanical systems

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						with control and embedded technologies.
		Project Assistant	23,600	1	B.Tech or three year diploma in Electrical Engineering/ Electronics & Communication Engineering with Master's Degree in Public Administration	web designing, office management, inventory management of IT resources, and coordination of technical and administrative tasks.
Non-destructive solution for detection of internal and external defects of apple after harvest	AI-enabled conveyorized internal and surface defect detection solution and sorting system for apples	SRF	49,560	1	M.Tech Food Technology with GATE/NET or Ph.D or 2 years of relevant experience.	Well versed with application of acoustics, and image processing for Non Destructive quality evaluation of horticultural produce.
		Scientific Administrative Assistant	21,240	1	B.Tech Mechanical Engineering or three year diploma in mechanical Engineering and 3 years of relevant experience	Experience in CAD/CAM/CAE (SolidWorks, AutoCAD, ANSYS), CNC machining, robotics, 3D printing, and integration of control systems with mechanical-embedded setups.
E-Marketing of Saffron, Walnut and Apple	Develop Comprehensive Market Solutions Develop Real-time Market Intelligence and decision Support Manage Value Chain. Validate and Connect Farmers with e-Market.	Project Associate -II	33,040	1	M.Tech computer science/AI/ML/Deep Learning	Experience in data handling, AI/ML model development, and building digital platforms for agri-marketing, decision support, or supply chain, with skills in web/app development and cloud integration.
		Project Assistant	23,600	1	Masters in Agri-Economics (Agriculture and allied) or MBA(ABM)	Assisted in agri-product marketing and pricing using data insights, with hands-on experience in e-market platforms to boost visibility and sales

Interested and eligible candidates are required to apply in the prescribed application format available on university website. Hard copy of complete application form along with the detailed

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CV and supporting copies of certificates (Academic, experience and NET/GATE certificates, publications, patents, books etc) should reach to the office of Head, Division of Food Science & Technology, SKUAST-K, Shalimar by or before 12th May 2025 upto 4:00 pm. No TA / DA will be paid to the candidates for appearing in the interview. Date and Time of Interview will be communicated to the shortlisted candidates through Email/university website.

Sd/-

Dr. Syed Zameer Hussain
Head, Division of FST/ Chief
Principal Investigator

No: AU/FST/MeiTY/2025/198
Dt: 28/04/2025

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Application Form

Post for which Applied:……

S.No	Name of the candidate (in Block letter)	
1.	Father's Name	
2.	Date of Birth and age	
3.	Address for correspondence	
4.	Telephone/ Mobile No.	
5.	Email address	

6. Education Qualifications (Graduation onwards)

Degree	University	Subjects	Percent marks	Year of passing

7. NET/GATE details:

8. Details of Relevant experience

Designation	Organization	From	To	Total time of experience

9. Publications (Total No. of research articles only)

S.No	Title of paper	Authors	Journal name	Impact factor

10. Patents (filed/granted):

11. Participation in Seminars/ symposia/ workshops, etc.:

12. Trainings relevant to the project:

Signature of the Candidate

(Please attach brief C.V. and a set of copies of certificate with this application form)