



# MNS-University of Agriculture

Old Shujabad Road, Multan

## Department of Computer Science

### Situation Vacant (Internal)

Applications are invited from students of Department of Computer Science & Department of Entomology, MNS-University of Agriculture, Multan for the following posts under HEC-TTSF funded project entitled “Smart Traps for Detection and Monitoring of Flying Insect Pests (aka SmarTrapS)”. The details and eligibility criteria are given below:

Sr. No.	Name of Post	No. of Posts	Qualification	Pay Package	Period
1.	Postgraduate fellow	(02)	Enrolled in MS(CS)	Rs. 40,000/- (per month)	Extendable subject to satisfactory performance
2.	Postgraduate fellow	(01)	Enrolled in MSc Entomology	Rs. 40,000/- (per month)	Extendable subject to satisfactory performance
3.	Undergraduate fellow	(01)	Enrolled in BS (CS/IT/DS)	Rs. 20,000/- (per month)	Extendable subject to satisfactory performance

The eligibility criteria and TORs are given below:

Eligibility Criteria	TORs
<b>1. Enrolled in MS(CS)</b> i. 1 <sup>st</sup> semester students (only) ii. Understanding of image processing & machine learning techniques iii. Experience in web development iv. Familiarity with IoT sensors v. Experience in mobile application development vi. Should not hold any other job	i. Insect data collection from labs and field ii. Development of object detection models iii. Perform data analysis and visualization iv. Web design for GUI v. Mobile application development
<b>2. Enrolled in MSc Entomology</b> i. Understanding of insect physiology, behavior & rearing techniques ii. Experience working in lab & field iii. Good communication skills iv. Should not hold any other job	i. Demonstrate insect identification parameters ii. Responsible for insect rearing in lab iii. Examination of insect behavior iv. Maintain a record of all observations v. Assist in data collection
<b>3. Enrolled in BS(CS/IT/DS)</b> i. 5 <sup>th</sup> and 7 <sup>th</sup> semester students (only) ii. Graphic designing skills (mandatory) iii. Digital photography skills (desired) iv. Good communication skills (desired) v. Should not hold any other job	i. Installation of traps at various locations. ii. Ensure safety and security of equipment. iii. High quality logo, panaflex, banners design iv. Assist in outreach activities (organizing workshops, seminars, conference)
All students are responsible to: i. assist project teams in lab and field work. ii. agree to travel and stay outstation for field work. iii. ensure lab and field SOPs. iv. maintain attendance, logbook, and record of experiments. v. prepare and maintain reports and relevant documentation. vi. assist and administer labour as and when required vii. ensure their availability as and when required	

- Interested candidates are required to submit their applications on plain paper, to the undersigned, along with copies of CVs, educational documents, two recent photographs, CNIC, and other relevant documents in person or through registered post.
- The university reserves the right to cancel the appointment, change the number of posts, or period of contract without any reason.
- MNSUAM is an equal-opportunity employer for all that is committed to diversity.
- NO TA/DA will be admissible for interview of the short-listed candidates.
- Applications should reach the office of undersigned within seven (07) days after the advertisement.

**Dr. Ayesha Hakim**  
PI/Assistant Professor  
Dept. of Computer Science

