

**Website Report on Rural Agricultural Work Experience and Agro Industrial Attachment
 (RAWE and AIA)
 under Student READY Programme**

The Rural Agricultural Works Experience and Agro Industrial Attachment (RAWE&AIA) for B.Sc.(Hons)Agriculture helps the students primarily to understand the rural situations, status of technologies adopted by farmers, prioritize the farmers problems and to develop skills and attitude of working with farm families for overall development in rural area. The details of RAWE & AIA programme are given below:

Rural Agricultural Work Experience Programme and Agro Industrial Attachment			
S.No.	Course/Activities	No. of Weeks	Credit Hours
1	General orientation & On campus Training by different faculties	1	14(0+14)
2	Village Attachment Training Programme	8	
	Unit attachment in university/college KVK/Research station	5	
3	Plant Clinic Attachment	2	2(0+2)
4	Agro Industrial Attachment/ In-plant Training	3	4(0+4)
5	Project Report Preparation, Presentation, and Evaluation	1	
Total weeks for RAWE & AIA		20	20(0+20)

Village Attachment Training Programme

Course Objectives:

1. To provide an opportunity to the students to understand the rural setting in relation to agriculture and allied activities.
2. To make the students familiar with socio-economic condition of the farmers and their problems.
3. To impart diagnostic and remedial knowledge to the students relevant to real field situations through practical training.
4. To develop communication skills in students using extension teaching methods in transfer of technology.
5. To develop confidence and competence to solve agricultural problems.
6. To acquaint students with on-going extension and rural development programmes.

S.No.	Activity	Credit
Village Attachment Training Programme		0+8
1.	Survey of Village	0+1
2.	Agronomical Interventions	0+1
3.	Plant Protection Interventions	0+1
4.	Soil Improvement Interventions	0+1
5.	Fruit, Vegetable, Flowers, Medicinal and Aromatic Plant	0+1

	Interventions	
6.	Food Processing and Storage Intervention	0+1
7.	Animal Production Intervention	0+1
8.	Extension and Transfer of Technology activities	0+1

Village Attachment Training Programme

1. Survey of village

The students shall take-up a survey of the village as per the prescribed schedule. The students shall be required to collect the data on overall condition of village, resource endowment and its utilization, problems of labour and employment and other important economic aspects detailed in the schedule. The students shall also conduct a Participatory Rural Appraisal of the village. Techno-socio- economic survey of village and group discussion with village leader: Overall condition of village, resource endowment and its utilization, problems of labour and employment and other important economic aspects, location of host farmer house and survey numbers

2. Agronomical Interventions

In agronomical interventions, the students will be exposed to various crops and different agronomical practices in farmer's field. He /She will also involve in production technology and management of various crops. The student shall maintain a record of work done in prescribed proforma.

3. Plant Protection Interventions

Under this the students will be exposed to various plant diseases, insect-pests, and physiological disorders prevailing in the area and prescribe remedial measures.

4. Soil Improvement Interventions (Soil sampling and testing)

Under this component the students shall involve in activities i.e. soil Testing, collection of soil sample by using geo positioning system (GPS). Students shall study the use of soil health card for fertilizer schedule, integrated nutrient management (INM) and its importance in soil quality improvement, role and importance of micro nutrients in crop production, soil salinity, alkalinity and acidity and its reclamation. Natural Resource Management (NRM), role of bio-fertilizer in improving soil health, soil properties important for soil health, quality control in fertilizer, soil degradation, improvement of soil health for sustainable agriculture, vermicompost and its role in improving soil health, classification of green manures & role in improving soil health, water management and crop rotation.

5. Fruit and Vegetable Production interventions

In fruits and vegetables crops, the students shall involve themselves in field operations viz., seed bed preparation, nursery management, propagation etc. along with their host farmers. The student shall maintain a record of work done and will submit it at the end of the semester

6. Food Processing and Storage interventions

Students shall involve themselves to study and collect the information i.e. methods of food

processing and preservation, Importance of processing of fruits and vegetables, spices, condiments and flowers, packaging of horticultural commodities, common methods of storage, post harvest management and equipment for spices and flowers, Quality control in fruit and vegetable processing industry, Storage structure and methods of grain storage, Traditional and modern storage structures, Indigenous Technological Knowledge used for food storage.

7. Animal Production Interventions

Under this, the students shall collect the information of livestock on various aspects i.e. daily maintenance and feed expenses, milk production, milk disposal, dairy products, egg, birds and pig etc.

8. Extension and Transfer of Technology activities

The students shall involve themselves in the following activities i.e. participatory rural appraisal(PRA), Identification of agricultural problems of the village and training needs of the farmers, conducting method demonstrations of improved practices, organization of short duration farmers training camp, field visits and agricultural exhibitions, study of the on-going rural and agriculture development programme in the villages, arrange farmers meeting to discuss agricultural aspects, visit to various village institutions and study their role in development programmes and other extension activities, Motivate farmers through different extension teaching methods, documentation of success stories. Each student will prepare a report with respect to the activities indicated above and submit it to the Chairman of Advisory Committee for its evaluation. The students shall be given an opportunity to acquaint themselves with ongoing programme and activities of research, development, marketing, extension agencies and organizations in the village. The students will submit report on the institutions he/she has visited.

Unit attachment in university/college KVK/Research station

The students will be attached with government/university/ ICAR units engaged in the region to get acquainted with the on-going research/educational and extension activities and rural development programmes through farmers training, workshops etc.

Plant Clinic Attachment

In continuation with the village attachment programme, the students will simultaneously undergo plant clinic activities which will impart diagnostic and remedial knowledge relevant to real field situation through practical training. Plant clinic activities would be completed in co-ordination with concerned unit where the student is attached for unit attachment.

Agro Industrial Attachment/ In-plant Training

Technology and globalization are ushering an era of unprecedented change. The need and pressure for change and innovation is immense. To enrich the practical knowledge of the students, in-plant training shall be mandatory in the VIIth semester for a period of up to 3 weeks.

In this training, students will have to study a problem in industrial perspective and submit the reports to the colleges. Such in-plant trainings will provide an industrial exposure to the students as well as to develop their career in the high tech industrial requirements. In-Plant training is meant to correlate theory and actual practices in the industries.

1. To expose the students to Industrial environment, this cannot be simulated in the University.
2. To familiarize the students with various materials, machines, processes, products and their applications along with relevant aspects of shop management.
3. To make the students understand the psychology of the workers, and approach to problems along with the practices followed at factory.
4. To understand the scope, functions and job responsibility-ties in various departments of an organization.
5. To expose various aspects of entrepreneurship during the programme period.

Project report preparation, presentation, and evaluation 1 week

Report writing is an important aspect of RAWE & AIA work and should be undertaken responsibly by the students under the guidance of Centre In-charge and Programme Officer/SMS/Unit Coordinator/Plant Clinic Coordinator/AIA Coordinator. The evaluation of the programme will be done by Monitoring and Supervision Committee

B.Sc.(Hons.) Agriculture students underwent RAWE and AIA Programme at:

1. KVK Hyatnagar under ICAR-CRIDA, Hyderabad, Telangana
2. KVK-Yagantipalle, Andhra Pradesh,
3. KVK-Guntur, Andhra Pradesh,
4. KVK-Mitaniketan, Thiruvanthapuram, Kerala,
5. KVK-Ranchi,
6. KVK-Tirupati, Andhra Pradesh,
7. KVK-Raisen, Madhya Pradesh
8. School of Agriculture, ITM University, Gwalior



RAWHE and AIA Orientation Programme



Orientation Programme at SOAG, ITM University, Gwalior



Students doing weeding and breaking soil lumps at host farmer's field.



Collection of data during field visit



Students giving Demonstration of NSKE 5% to farmers



Hand-drawn charts showing four different labels on pesticide containers



Panihar, Madhya Pradesh, India
32wj+p63, Panihar, Madhya Pradesh 475330, India
Lat 26.09586° Long 78.030817°
26/08/2025 11:46 AM GMT +05:30

Students Demonstration on preparation and application of neem seed kernel extract (NSKE 5%)



Panihar, Madhya Pradesh, India
32xj+f25, Panihar, Madhya Pradesh 475330, India
Lat 26.09891° Long 78.030291°
09/09/2025 11:18 AM GMT +05:30

Distribution of Marigold and Bok choy seeds and briefing on their cultivation practices, along with the intercropping of winter vegetables



Nalgonda, Telangana, India
, Telangana 508114, India, Nalgonda, Telangana 508114, India
Lat 17.235643° Long 79.10995°
11/09/2025 12:00 PM GMT +05:30

Soil- Water conservation awareness conducted by students batch of KVK, Hyatnagar, CRIDA, Hyderabad



Panihar, Madhya Pradesh, India
Lat 26.096758° Long 78.02765°
Plus Code : 7JRW32WH+P3
25/09/25 11:38 AM GMT +05:30

Students explaining to farmers about seed treatment, precautions and importance



Panihar, Madhya Pradesh, India
32wg+qrh, Panihar, Madhya Pradesh 475330, India
Lat 26.096842° Long 78.027629°
15/09/2025 11:32 AM GMT +05:30

Students giving Demonstration to farmer on Soil Sampling



Panihar, Madhya Pradesh, India
32wj+m2j, Panihar, Madhya Pradesh 475330, India
Lat 26.096702° Long 78.030178°
29/09/2025 11:59 AM GMT +05:30

Student interacting with Host Farmer



Participatory Rural Appraisal



Student making Social Map of a village under PRA.



Programme conducted by student on Women Empowerment – Self- Employment and Kitchen Garden by students attached to KVK Hyatnagar, CRIDA, Hyderabad



Nutrition Week Awareness being celebrated by students in Primary School, at Chityal.



Students preparing field layout



Thinning and Gap Filling at Host Farmer's Field during RAWE Programme at KVK, Guntur



Student performing practical under Plant Clinic



Sticky Trap Demonstartion in Chilli field



Student doing Layering with saw dust and spawns at KVK, MitraniKETan



Student interacting with farmers and collecting their success stories



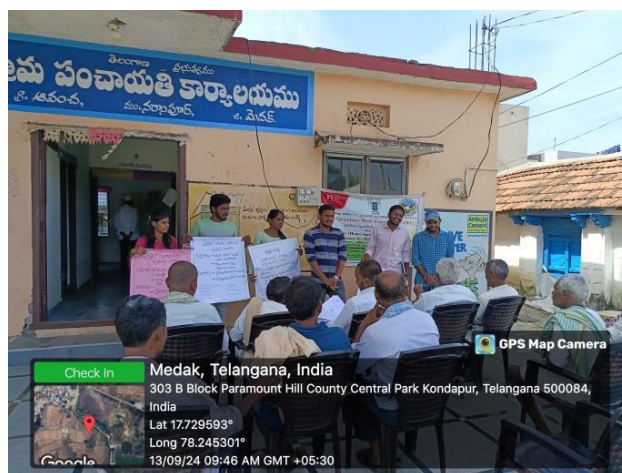
KVK, Gaddipally Batch Students performing Parthenium Awareness with Host Farmer



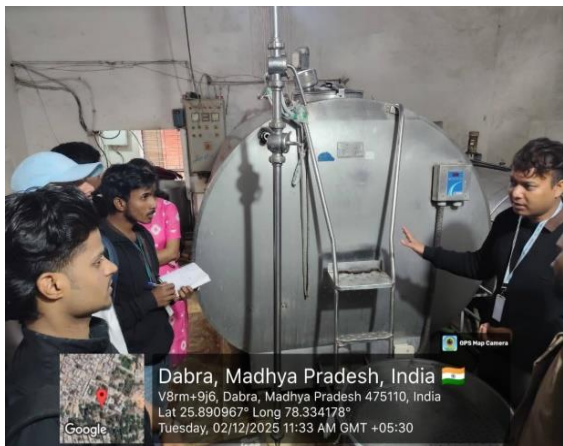
Maize insect pest observation by the students in farmer's field.



Students at KVK, Guntur



Students conducted a method demonstration on Seed Treatment at Avancha village as a part of RAWE Programme at KVK, Tuniki, Medak.



Students learned the procedure for estimating fat and SNF in raw milk at Gwalior Dugdh Sangh Maryadit, Gwalior during Agro Industrial Attachment



Students at MILMA, Thiruvananthapuram, during Agro Industrial Attachment



Students at Gwalior Dugdh Sangh Maryadit, Gwalior during Agro Industrial Attachment



Students at Sid's Farm, Hyderabad during Agro Industrial Attachment