Student READY

Rural Entrepreneurship
Awareness Development Yojana

भाकृअनुप
ICAR

कृषि शिक्षा विभाग
AGRICULTURAL EDUCATION DIVISION
भारतीय कृषि अनुसंधान परिषद
Indian Council of Agricultural Research
कृषि अनुसंधान भवन-II, नई दिल्ली - 110 012
Krishi Anusandhan Bhawan-II, New Delhi - 110 012

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Indian Council of Agricultural Research, New Delhi

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PREFACE

Student READY (Rural Entrepreneurship Awareness Development Yojana) programme is a new initiative of Indian Council of Agricultural Research to reorient graduates of Agriculture and allied subjects for ensuring and assuring employability and develop entrepreneurs for emerging knowledge intensive agriculture. This envisages the introduction of the programme in all the Agricultural Universities as an essential prerequisite for the award of degree to ensure hands on experience and practical training depending on the requirements of respective discipline and local demands. This programme includes five components i.e. Experiential Learning, Rural Awareness Works Experience, In-Plant Training / Industrial attachment, Hands-on training (HOT) / Skill development training and Students Projects. All these components are interactive and are conceptualized for building skills in project development and execution, decision-making, individual and team coordination, approach to problem solving, accounting, quality control, marketing and resolving conflicts, etc. with end to end approach.

Experiential Learning (EL) helps the student to develop competence, capability, capacity building, acquiring skills, expertise and confidence to start their own enterprise and turn *"Job Creators instead of Job Seekers"*. This is a step towards *"Earn while Learn"* concept. The Rural Awareness Works Experience (RAWE) 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.

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. Hands-on training aims to make conditions as realistic as possible. The biggest benefit of hands-on training is the opportunity for repeated practice. Student project work provides several opportunities to students to learn several aspects that cannot be taught in a class room or laboratory. In order to provide such opportunities to the graduates of agricultural science, students project is proposed as one of the components of the Student READY.

I am sure this programme will be very useful and beneficial to the students/ graduates in gaining the competence for entrepreneurship, in building confidence, skill and acquire Indigenous Technical Knowledge (ITK) of the locality and thereby, preparing the pass-out graduates for self-employment and will play the key role in overall personality development.

I believe that our efforts will help in improvement of the Agriculture Education System and sustainable development in the country.

October, 2016
New Delhi

N.S. Rathore
Deputy Director General
Agricultural Education Division, ICAR

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STUDENT READY: AN OVERVIEW

Introduction

The Indian Council of Agricultural Research (ICAR) is an autonomous organisation under the Department of Agricultural Research and Education (DARE), Ministry of Agriculture and Farmers Welfare, Government of India and the largest National Agricultural Research and Education System (NARES) in the world. The ICAR is the apex body for coordinating, guiding and managing research and education in agriculture in the entire country through the Agricultural Education Division. The Agricultural Education Division, ICAR undertakes planning, development, coordination, human resource development and educational quality reforms in higher agricultural education in the country and, thus, strives for maintaining and upgrading quality and relevance of higher agricultural education through partnership and efforts of the ICAR-Agricultural Universities (AUs) system comprising State Agricultural Universities (SAUs), Deemed to be Universities (DUs), Central Agricultural Universities (CAUs) and Central Universities (CUs) with Agriculture Faculty.

About Student READY

The Student READY (Rural Entrepreneurship Awareness Development Yojana) programme aims to provide rural entrepreneurship awareness, practical experience in real-life situation in rural agriculture and creating awareness to undergraduate students about practical agriculture and allied sciences. The programme will help in building confidence, skill and acquire Indigenous Technical Knowledge (ITK) of the locality and thereby,

preparing the pass-out for self-employment. It also aims to provide opportunities to acquire hands-on-experience and entrepreneurial skills. To reorient graduates of agriculture and allied subjects for ensuring and assuring employability and develop entrepreneurs for emerging knowledge intensive agriculture, it was felt necessary to introduce this program in all the AU's as an essential prerequisite for the award of degree to ensure hands on experience and practical training.

The Fifth Deans committee has given detailed curriculum of student READY programme for all the disciplines in agriculture and allied sciences. The course curricula have been restructured to develop much needed skills and entrepreneurial mind-set among the graduates to take up self-employment, contribute to enhanced rural livelihood and food security, sustainability of agriculture and be propeller for agricultural transformation. The following components are proposed for carrying out one year Student READY programme in all the Under graduate (UG) disciplines:

- Experiential Learning on Business Model / Hands on Training
- Experiential Learning on Skill Development
- Rural Awareness Works Experience (RAWE)
- Internship / In-Plant Training / Industrial attachment
- Students Projects

The students will be required to have any three of the five components listed above depending on the requirement of their graduate education but it should be implemented for one complete year, so that their education up to level of III year may get right information and in the IV year and finally they should attain right stage of entrepreneurship. In some disciplines where some components, for eg., Experiential Learning is not possible at graduate level, the students will be given Hands on Training and/or Skill Development Training, but it should be (out of these 5 components) implemented for the complete year. All the above mentioned components are interactive and are conceptualized for building skills in project development and execution, decision-making, individual and team coordination, approach to problem solving, accounting, quality control, marketing and resolving conflicts, etc. with end to end approach.

- Experiential Learning is an opportunity for the students to develop high quality professional competence, skill development and confidence to start their own enterprise. This is a step towards *"Earn while learn"*. Experiential Learning aims towards Practical Work Experience in Real Life Situation among the undergraduate students and therefore it helps student become *"Job Providers rather than Job Seekers"*.
- Rural Awareness Works Experience enable the students to gain rural experience, give them confidence and enhance on farm problem solving abilities in real life situations, especially in contact with farmers, growers, etc.
- In-plant training of short duration in relevant industry is useful to gain the knowledge and experience of the work culture. In Plant training in reputed organization / MNC's/ other organised sectors provides an industrial exposure to the students for developing their career in the Agro based industries.
- Skill development component includes use of Agriculture Systems and devices for enhancing functional skills. It is expected that basic infrastructure and Experiential Learning Units in the university will help in boosting livelihood ensuring opportunities among the Agricultural graduates.

- Student Project is essential for students who are interested in higher education. Through this they will gain expertise for identification of research problem, planning and setting up experiments and writing of reports, etc.
- In the disciplines of Dairy Technology, Food Technology and Agricultural Engineering, there will be in-plant training in place of RAWE. The students of Veterinary Science discipline will undergo internship training at hospitals.

All the components as per suitability of course i.e. Experiential Learning, Skill Development Training, Rural Awareness Work Experience (RAWE), Internship/ in-plant training and Student Projects are included in the final year of study for 2 semesters to provide entrepreneurial skills, confidence and hands on experience. There are 20 credits for Experiential Learning/ Skill Development Training, 10 credits for RAWE and 10 Credits for Industry Attachment/Student Project. For Veterinary Science students, Experiential Learning is designed as per VCI pattern.

Some of the important components of Student READY programme are as under:

Experiential Learning (EL)

The word 'experiential' essentially means that learning and development are achieved through personally determined experience and involvement, rather than on received teaching or training, typically in group, by observation, study of theory or hypothesis,

bring in innovation or transfer of skills or knowledge. Experiential learning is a business curriculum-related endeavour which is interactive. EL is for building (or reinforcing) skills in project development and execution, decision-making, individual and team coordination, approach to problem solving, accounting, marketing and resolving conflicts, etc. The programme has end to end approach. Carefully calibrated activities help the participants to explore and discover their own potential and both activities and facilitation play a critical role in enhancing team performance.

EL provides the students an excellent opportunity to develop analytical and entrepreneurial skills and knowledge through meaningful hands on experience, confidence in their ability to design and execute project work. The main objectives of EL are:

- To promote professional skills and knowledge through hands on experience.
- To build confidence and ability to work in project mode.
- To acquire enterprise management capabilities.

The experiential learning programme will be offered for 180 days (one semester) period in the final year. As the programme is enterprise oriented, students and faculty are expected to attend the activities of the enterprise even on institutional holidays with total commitment, and without any time limit or restriction of working hours for ELP. The Experiential Learning Programme shall be run for full year by making two groups and rotating activities of the final year in two groups.

Rural Awareness Works Experience

The Rural Awareness Works Experience (RAWE) helps the students primarily to understand the rural situations, status of agricultural technologies adopted by farmers, prioritize the farmer's problems and to develop skills and attitude of working with farm families for overall development in rural area. The timings for RAWE can be flexible for specific regions to coincide with the main cropping season.

The main objectives of RAWE are:

- To provide opportunity to the students to understand the rural situation in relation to agriculture and allied activities.
- To make the students familiar with socio-economic conditions of the farmers and their problems.
- To impart diagnostic and remedial knowledge to the students relevant to real field situations through practical training.
- To develop effective communication skills of students with farmers using latest extension methodologies in transfer of technology.
- To develop confidence and competence among students to solve complex agricultural problems.
- To acquaint students with on-going extension and rural development programmes.

In-Plant Training (IPT)

Technology and globalization are ushering an era of unprecedented change. To augment this, the need and pressure for change and innovation is inevitable. To enrich the practical knowledge of the students, in-plant training shall be mandatory in the last semester for a period of up to 10 weeks. In this training, students will have to study a problem in industrial perspective and submit the reports to the university. 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. It is expected that sense of running an industry may be articulated in a right way through this type of industrial attachment mode. The major objectives of In Plant Training (IPT) are:

- To expose the students to industrial environment.
- To familiarize the students with various Materials, Machines, Processes, Products and their applications along with relevant aspects of shop management.
- To make the students understand the psychology of the workers and approach towards problems and practices followed in industries.
- To make the students understand the scope, functions and job responsibilityin various departments of an organization.
- Exposure to various aspects of entrepreneurship during the programme period.

Course curriculum: The Fifth Deans Committee has recommended the following discipline-wise syllabus for Student READY programmes. VCI guidelines are followed in Veterinary Sciences.

I. AGRICULTURE

Semester VII

Rural Awareness Works Experience (RAWE) and Agro-Industrial Attachment (AIA)

This programme will be undertaken by the students during the VII semester for a total duration of 20 weeks with a weightage of 0+20 credit hours in two parts viz., RAWE and AIA. It will consist of general orientation and on campus training by different faculties followed by village attachment/unit attachment in University/ College/ KVK or a Research station. The students will be attached with the agro-industries to get an experience of the industrial environment and working. Weightage in terms of credit hours will be given depending upon the duration of stay of students in villages/agro-industries. At the end of RAWE/AIA, the students will be given one week for project report preparation, presentation and evaluation. The students would be required to record their observations in field and agro-industries on daily basis and will prepare their project report based on these observations.

Semester VIII

Experiential Learning Programme (ELP)/ Hands on Training (HOT)

This programme will be undertaken by the students preferably during the VIII semester for a total duration of 24 weeks with a weightage of **0+20** credit hours. The students will register for any of two modules, of (**0+10** credit hours each) listed below:

- Production Technology for Bio-agents and Bio-fertilizers
- Seed Production and Technology
- Mushroom Cultivation Technology
- Soil, plant, water and seed Testing
- Poultry Production Technology
- Hybrid Seed Production Technologies
- Floriculture and Landscaping
- Food Processing
- Commercial Horticulture
- Agriculture Waste Management
- Organic Production Technology
- Commercial Sericulture

In addition to these ELP modules, other important modules may be given to the students by SAUs. Indian Council of Agricultural Research has already provided financial help for establishment of two or more Experiential Learning units in each State Agricultural University and the universities to plan accordingly.

II. AGRICULTURAL ENGINEERING

Student READY programme of the Agricultural Engineering is proposed to have the following components:

In summer break after semester IV

Student READY Skill Development Training - I for five weeks with a credit load of **0+5** credit hours.

In the summer break after semester VI

Student READY Skill Development Training -II for five weeks with a credit load of **0+5** credit hours.

Semester VII

Industrial attachment of 10 weeks with a credit load of **0+10** credit hours. On campus Experiential Learning Programme of 12 weeks with a credit load of **0+10** credit hours.

Semester VIII

Project Planning and Report Writing of 12 weeks during with a weightage of **0+10** credit hours.

III. BIOTECHNOLOGY

The Student READY programme for Biotechnology will comprise of following three parts:

Semester VII

- Any one of the following four modules for in-house skill development with a duration of 20 weeks carrying a weightage of **0+20** credit hours to be taken up during VII semester.
  a. Plant Biotechnology
  b. Animal Biotechnology
  c. Microbial and Environmental Biotechnology
  d. Bioinformatics

Semester VIII

- Project formulation, execution and presentation of 12 weeks duration to be taken up during VIII semester with a weightage of **0+10** credit hours.
- Entrepreneurial Development in Biotechnology (On-campus/Off campus) of 12 weeks duration to be taken up during VIII semester in Micro-propagation; DNA fingerprinting; Genetic purity for maintenance breeding; Marker assisted selection; Haploid production; Database Management skills; Molecular Diagnostics; Recombinant protein production; Animal cell culture and maintenance; Fermentation, Biopharma production; Bioprocess enrichment; Bioremediation; Bio-fules, etc. with a weightage of **0+10** credit hours.

IV. DAIRY TECHNOLOGY

Rural Dairy Work Experience Programme-I (Summer Break after II semester) of 5 weeks with a credit load of **0+5** credit hours to provide exposure in the areas on Milk Production & Procurement to be taken up in State Dairy Federations/ Dairy Development Departments/ Private Dairies/ Animal Husbandry Department/ Cattle farm/ Progressive dairy farmers.

Rural Dairy Work Experience Programme-II (Summer Break after IV semester) of 5 weeks with a credit load of 0+5 credit hours for exposure on Preliminary Dairy Operations to be taken up in Experimental Dairy/ Referral lab/ Dairy Plants/ Product manufacturing operations in Dairy & Food Industry.

Semester VII

In-Plant Training in VII Semester of 24 weeks with a credit load of **0+20** credit hours. Plant visits and involvement in processing and manufacturing of value added products in each Dairy Technology course to have Industrial exposure in specialized products like Market Milk, Ice Cream, Milk Powders, Cheese, By-products etc. should be made compulsory.

Semester VIII

Experiential Learning Module of 10 weeks with a credit load of **0+10** credit hours. The module will run concurrently in the final semester along with the regular courses. This shall include development of Detailed Project Report on setting up of enterprise in the selected areas of product manufacture and Evaluation of the Module.

V. FISHERIES

Student READY Programme will be taken up during VII and VIII semesters and will have the following components:

Semester VII

- Student READY-In-plant attachment for 12 weeks (0+10 credit hours).
- Student READY- Rural Fisheries Work Experience Programme for 8 weeks(0+8 credit hours).
- Student READY- Study Tour (in and outside State) for 4 weeks (0+2 credit hours).

Semester VIII

Student READY Experiential Module

This will include capacity building and skill development of the students in planning, development, formulation, monitoring and evaluation of project for entrepreneurial proficiency with a total credit load of 0+20 credit hours as detailed below:

Skill Development will have 0+5 credit hours and include Aquarium fabrication, Analysis of soil and water quality parameters, Preparation of Fish products or in any appropriate applied aspect of fisheries.

Experiential Learning Program will have 0+12 credit hours' a minimum of two out of the following areas should be decided by each university:

- Ornamental fish culture
- Seed Production
- Trade and export management
- Aqua-clinic
- Post-Harvest Technology
- Aqua farming

Students Project: Students may select relevant or interested area of specialization such as Fish pathology, Fish diagnosis, Fish pharmacology, Fish Toxicology, Fish nutrition, Fish immunology, Fish genetics and breeding, Ornamental fish production, Genomics in Aquaculture, Fish stock assessment, Aquatic pollution, Fish value addition, Fish nutrition, Fish processing waste management, Quality control and quality assurance, Fish products and by-products etc. The student will prepare a research project plan and it will be presented in front of committee appointed by the Dean of the respective college. Each student will be provided with one advisor, who will guide the student in completion of proposed research plan. A total of 3 credit hours will be allotted for preparation of the project and its presentation as a seminar. They will be exposed with identifications of problems in experimental setup and project preparation.

VI. FOOD TECHNOLOGY

Student READY programme will be taken up during semesters VII and VIII and will have the following components:

Semester VII

- **Student READY - Experiential Learning** with a credit load of 0+14 credit hours through relevant pilot plants for processing of various commodities, preferably on campus. This shall include development of detailed project report on setting up of enterprise in the selected areas of product manufacture and evaluation of the module. The experiential learning is intended to build practical skills and entrepreneurship attributes among the students with an aim to deal with work situations and for better employability and self-employment.

- **Student READY -** Project with a credit load of 0+3 credit hours: to undertake investigation of selected problems of special interest in Food Processing Technology. The work includes library work, field or laboratory research, recording data, analysing data and writing of report, etc.
- **Student READY -** Seminar including preparation of synopsis, presentation and discussion by each student on current topics / interests in Food Processing technology with a weightage of 0+1 credit hours.

Semester VIII

- Student READY - Educational Tour of two- three weeks to various industries within and outside the state of the University and submission of report on Industrial Tour carrying a weightage of 0+2 credit hours.
- **Student READY - In-plant training** of one semester duration with a credit load of 0+20 credit hours at relevant food processing industry, machinery manufacturer, marketing or other agencies. The in-plant training is intended to expose the students to an environment in which they are expected to be associated in their future career. The students will be required to have hands-on-experience in one or more commercial establishment.

VII. FORESTRY

Semester V

Student READY Experiential Learning Module - I (5 weeks) (0+5 credit hours). Any one of the modules to be taken up during Semester V:

- Production and Marketing of high value Forest Produce (FPU)
- Raising Quality Planting Materials for Forest Regeneration (SAF/FBT)
- Apiculture/Sericulture (FBU/NRM/WLS)
- Ecotourism (BSS/WLS)
- Wild Animal Health Management– WLS

Semester VI

Student READY Experiential Learning Module – II (5 weeks) (0+5 credit hours). Any one of the modules to be taken up during semester VI:

- Production and Marketing of high value forest produce (FPU)
- Raising Quality Planting Materials for forest regeneration (SAF/FBT)
- Apiculture/Sericulture (FBT/NRM/WLS)
- Ecotourism (BSS/WLS)
- Wild Animal Health Management – WLS

Semester VII

Student READY Forestry Work Experience (FOWE) 24 weeks will be taken up in semester VII with a credit load of 0+20 credit hours. The programme will have the following components:

- Orientation
- Forest Range Training Programme
- Industrial Placement
- Weapon Training and First-Aid Training
- Socio-economic Surveys and Village Attachment
- Socio-economic Surveys and Village Attachment
- Report Writing and Presentations

Semester VIII

Student READY Project Work & Dissertation 10 weeks (0+10 credit hours) to be taken up during the semester VIII.

VIII. HOME SCIENCE

A) B.Sc (Hons) Community Science

The Student READY programme will be taken up during VII and VIII semesters. The program will be divided into two parts:

Semester VII

Student READY Experiential Learning Programme: the students will take up any one of the following ELP modules for a period of 24 weeks with a credit load of 0+20 credit hours during the VII semester.

Module 1: Product Development and Entrepreneurship

This module aims to grant practical knowledge to students regarding product development and entrepreneurship, covering all aspects related to income generation through production and sale of clothing and textiles, and interior decoration products and also the management of their entrepreneurial ventures. The students will take up the work on the topics like:

- Apparel Designing Technique-Flat Pattern and Draping
- Principles of Textile Designing
- Fashion Illustrations
- Computer Aided Designing-Pattern Designing
- Retailing and Merchandising- Textiles and Apparel
- Instructional Video Production
- Public Relations and Social Marketing
- Event Management
- Interior Design and Decoration
- Computer Aided Interior Designing
- Tourism and Hospitality Management
- Web Designing and Multimedia Production

Module 2: Community Nutrition and Welfare

This module aims to impart practical knowledge to students regarding community welfare encompassing all the aspects viz. diet counselling, food preservation, food service and hospitality management, nutraceuticals and health foods, early childhood care, education and counselling for parents/ community, multimedia and video production. Students would be ready to conduct and manage community welfare programs independently. The students will take up the work on topics like:

- Print and Electronic Journalism
- Web Designing and Multimedia Production Marketing
- Instructional Video Production
- Diet and Nutrition Counselling
- Food Preservation and Storage
- Food Service and Hospitality Management
- Nutraceuticals and Health Foods
- Methods and Materials for Teaching Young Children
- Education and Counselling for Parents and Community
- Early Childhood Care, Education and Management
- Developmental Assessment of Young Children

Semester VIII

Student READY In-plant training / Internship / RAWE will be taken up during semester VIII for a period of 20 weeks with a credit load of 0+20 credit hours.

B) B.Sc. (Hons) Food Nutrition and Dietetics

The Student READY programme will be taken up during VII and VIII semesters. The programme will be divided into two parts:

Semester VII

Student READY - In-plant Training: Students will be deputed to nearby Hospitals, Testing labs and Processing units/Foods Industries for a period of 20 weeks during the semester VII with a credit load of 20 credit hours. The students will be provided a platform to study at least two topics in depth depending upon place of their training . At the end of the training they will make a presentation before faculty and other students.

Semester VIII

Student READY Hands-on-training: The students will take up Hands-on-training programme for a period of 24 weeks with a 20 credit hours during the VIII semester. The following aspects will be taken up during the training to develop competence, capability, capacity building, acquiring skills, expertise and confidence to start their own enterprise.

- Fruits and Vegetables: Preparation and Utilization
- Nutritional Status Assessment Methods
- Food Service Management
- Diet and Nutrition Counselling
- Special Project depending upon the regional requirement
- Entrepreneurship Development and Business Management

IX. HORTICULTURE

Student READY Experiential Learning (Professional Package) will be for the duration of 20 weeks and Student READY Programme will be taken up during semesters VII and VIII and will have the following components:

Semester VII & VIII

Student READY- Rural Horticulture Works Experience (RHWE) and Placement in Industries. This programme will be taken up during the VII semester for duration of 24 weeks and will be allotted 0+20 credit hours. The programme will include orientation, village stay, all India study tour, industrial placement programme, report writing and final examination will carry a weightage of 0+20 credit hours. Students can select any two modules from the following depending on the facilities available at the college:

- Commercial horticulture
- Protected cultivation of high value Horticulture crops
- Processing of fruits and vegetables for value addition
- Floriculture and landscape architecture
- Bio-inputs: Bio-fertilizers and bio-pesticides
- Mass multiplication of plant and molecules through tissue culture
- Mushroom culture
- Bee keeping

X. SERICULTURE

The Student READY programme will be implemented during Semester VII and VIII with the following components:

Semester VII

Student READY - Experiential Learning program (ELP)/ Hands on Training (HOT) modules - the programme will be taken up in VII semester for a period of 20 weeks carrying a weightage of 0+20 credit hours. The students can take up one of the following modules:

- Host Plant Production
- Cocoon Crop Production
- Silk Product Science
- Natural Resource Management

Semester VIII

Student READY - Rural Works Experience Programme (Sericulture) will be taken up during semester VIII for a period of 24 weeks and a credit load of 20 credit hours. The students will have exposure to Placement in Grainage Technology, Seri Clinic, Placement in Silk Product Technology, Placement in Value Addition to Sericulture By-Products and Practical Extension Work in Villages.

Evaluation

- Students shall be evaluated component-wise under village attachment/ agro-industrial attachment/ hands on training/ skill development training/experiential learning/student projects.
- Each College of the University will designate a Student READY Programme Coordinator and component wise evaluation committees. These committees shall evaluate the activities and progress for the component undertaken, giving due weightage to the observations made by the Scientists/Agro-industrial Officer and the Programme Coordinator with whom they are attached.
- The Credit Hours allotted to the Student READY program are as per the components, so the minimum condition of attendance and grading system will apply.
- It is expected that at the end of Student READY programme, the students should gain competency for entrepreneurship, which should be innovative and creative in nature. The evaluation committee must ensure percentage increase in this competency at the end and successful organization of the Student READY programme in various disciplines.
- The subsequent sections provide detailed information of each component.

EXPERIENTIAL LEARNING IN AGRICULTURAL AND ALLIED SCIENCE

The Experiential Learning and Hands-on training programme with business mode or without business mode as for skill development on Agricultural, Horticulture and other branches may be established at different College of State Agriculture University with a view to provide entrepreneurship skills among graduating students in the relevant field of Agricultural Sciences or its allied branches. In order to fulfill the requirement, various systems based on Agriculture may be installed which include different sub sectors of Agriculture. Through this facility, students will receive hands-on training on production of value added products based on Agriculture, Horticulture etc. and repair and maintenance of different systems and devices etc. Training may also be given on modern area of agriculture and raising of production quality & quality wise for getting more return through enhanced agricultural production.

Objectives

- To promote employment opportunities and entrepreneurship developmental skills in the field of agriculture science through integration of basic knowledge and conceptual aspects with experiential learning in specialized field of use of value added technology, devices & system.
- To generate trained skill man power for self-employment and entrepreneurship development.
- To earn through value addition technologies available locally through integration of integrated farming, food safety, agriculture market and good agriculture practices.
- To explore wider opportunities an integration of different agriculture on farm practices & devices for revenue generation.
- To integrate education with enterprenenship for employment generation so that Agriculture students may become job providers rather than job seekers.

Activities Envisaged

- To conduct hands-on training and entrepreneurship skills among outgoing UG students interested in the field of Agriculture & allied branches.
- To conduct special training in frontier areas of Agriculture for undergraduate degree students for establishing an enterprise and its management.
- To explore possibility of expanding scope/ federating students into business group and for industrial sectors.

This would impart skills among students in preparation of project feasibility and implementation reports for establishment of production units, procurement of raw materials, production of value added product enriched manure, production of briquettes from loose biomass, production of agricultural products under greenhouse, packaging and storage of value added products, conduct manufacturing and production techniques, organize resources and utilities, sale of product, quality control, instrumentation for taking care of practical exercise, proper methods and procedures for maintenance of records including inventory of materials, maintenance of accounts, management of the enterprise and learning distribution techniques and marketing. Students will trained in:

- Pre-investment and pre-feasibility study
- New project identification
- Project feasibility and market study
- Identification of profitable industrial project opportunities
- Preparation of project profiles
- Preparation of techno-economics feasibility reports
- Identification and selection of plant and machinery
- Manufacturing process and equipments required
- General guidance for establishment, repair and maintenance of renewable energy gudgets
- Technical and commercial counselling
- Investment decision making
- Corporate diversification planning
- Forecasting financial aspects by estimating the cost of raw material, formulating the cash flow statement, projecting the balance sheet etc.
- Marketing and distribution of processed products.
- Federating into business group

Evaluation of students undergoing Hands-on training

S.No.	Activity	Credits
1.	**Preparation of Business Plan**	4
	i. Selection or raw materials/ product to be manufactured & cultivation	
	ii. Innovativeness in the plan	
	iii. Creativity	
	iv Realistic plan	
	v. Overall project report and project presentation	
	vi. Inclusion of basic criteria/making a project concept note/ presentation tool for investment decision enabling environment for task	

S.No.	Activity	Credits
2.	**Organizing the Production**	2
	i. Organization of resources and its management	
	ii. Organizing utility	
	iii. Time management	
	iv. Energy management	
3	**Production and Sales**	3
	i. Regularity in production	
	ii. Product Quality	
	iii. Positioning of product in market	
	iv. Evaluation of presentation	
	v. Adhering to rules and regulations	
	vi. Adhering to plan	
	vii. Cost of production	
4	**Sales**	2
	i. Sales performance	
	ii. Sales volumes	
	iii. Profit generated including B/C ratio, pay back period, etc.	
	iv. Monetizing benefits	
	v. Attempt for reducing costs of production	
5.	**Documentation and Reports**	2
	i. Book keeping	
	ii. People management	
	iii. Preparation of manual	
	iv. Preparation of final report	
	v. Estimation of carbon credit	
6.	**Oral Examination**	3
	i. Presentation	
	Ii. Oral performance	

Sharing of total profit generated

- 50% of the profit will be distributed among students of final year
- Faculty share will be 10% of the profit; faculty includes teaching and non-teaching staff responsible for conducting of hands-on training of 6 months duration
- University will get 20% of the profit and which will be included in the central training fund of the university

- Associate staff including ministerial staff and Class IV will share the 10% of the profit
- Remaining 10% of the profit will be utilized for the development of facilities by head of the institution

Major strengthening of the infrastructure

Civil Works

(A) Building

- Covered platform for housing machine and temporary storage of raw and finished product
- Workshop for maintenance and repairing of different system
- Workshop for dry processing and packaging space
- Storage room for finished products
- Cabins for supervisors and record keeper
- Laboratory space for quality control and for performing various activities

(B) Equipments and Working Utensils

- General Utilities
- Equipment for raw material preparation
- Equipment for testing
- Equipments for analyzing quality etc.
- By-products handing equipments
- Laboratory equipments
- Control equipments i.e. temperature, relative humidity and air flow rate
- Equipments for quality control of value added products
- Equipments for packaging and storage

Experiential Learning Units (ELU) may be propsed in the following areas:

Agriculture Mechanisation

- Hand, Animal drawn and power operated Farm Machines and Equipments / implements and tools: Repair and maintenance
- Establishment of Custom Hiring Centers
- Mechanization for on farm applications
- Mechanization for Horticulture Crops
- Farm Tractor System and its Overhauling
- Pesticides Application Equipment and Tools
- Land Development and Grading Machines

Animal Husbandry and Veterinary Sciences

- Feed and Fodder management
- Densification techniques for fodder: Pellet, Briquettes and Cubs
- Breed improvement
- Animal Health Practices
- Poultry farm raising
- Commercial Broiler Production
- Good Dairy Farming Practices
- Male Weaner Goat rearing
- Veterinary Clinical Practices
- Non – clinical Vascular Infusion Technology
- Veterinary Dentistry
- Clinical Immunology of the Dog and Cat
- AI practice clinics

Agricultural Cooperatives/ Cooperation

- Construction of Godowns for procurement, Storage and distribution
- Farm inputs dealer and Fertilizer Distribution Practices Training

Crop Improvement

- Paddy Breeding and Production
- Wheat Production
- Coarse Cereals Production
- Oilseed and Pulses Production
- Sugarcane Breeding and Production
- Cotton Production
- Integrated Farming Systems
- Good Agricultural Practices
- Crop Improvement in Banana

Dairy Development

- Advanced Dairy Farming Practices
- Promotion and Management of Milk collection Centers
- Organic dairy units
- Processing and Value addition of Milk

Food Processing

- Cereal and Pulses processing
- Fruits and Vegetables Processing
- Chocolate and confectionary manufacturing
- Domestic Product processing
- Drying of Agriculture and Horticulture Products
- Fisheries & Sea product processing
- Development of Consumer Products
- Plantation (Tea, Coffee, Cashew) processing

- Eggs, Poultry & Meat Processing
- Fresh- cut flowers Processing
- Food Packaging
- Functional Foods and Nutraceuticals
- Meat and meat Processing

Agricultural Extension

- Management of KVKs/Knowledge Centers/ ICT enabled KVK
- ARYA, MERA GOAN MERA GAURAV, FARMER FIRST; new initiatives

Fertilisers And Integrated Nutient Management

- Soil testing Labs
- Fertilizer Labs
- Micro-Nutrients Labs
- Soil Health Cards and Soil Testing

Fisheries Sciences

- Farmers Fish Ponds
- Infrastructure / Ponds of Fisheries
- Fish Post harvest Technology

Horticulture

- Nurseries & Green Houses
- Land Scaping and Area Expansion
- Floriculture Production
- Vegetables Production
- Fruits Production
- Coconut Production
- Tissue Culture management
- Commercial Horticulture
- Protected Cultivation of High Value Horticulture Crops
- Precision Farming of Floriculture and Exotic Vegetables
- Development of Quality planting Material

Information Technology

- Development of ICT Facilities
- ICT Enabled Agriculture
- E-Sensors and Micro Processed Based Tools
- Artificial Intelligent and Robotics based wireless sensors and controls
- ICT for Weather Forecasting

Integrated Pest Management

- Establishment of IPM Labs
- Pest Surveillance and Management Techniques

Innovative Programmes

- Conservation Agriculture
- Secondary Agriculture
- Precision Agriculture
- Hi-Tech Agriculture
- Specialty Agriculture
- Poly House/ Net House/ Glass House Management
- Greenhouse Design and Control
- Aeroponics system
- Hydroponics for Growing Plants
- Mushroom Production
- Honey Bee Keeping
- Waste water Treatment
- Integrated Land Use Planning

- Small Dams: Planning, Construction and Maintenance
- Integrated Watershed Management

Marketing & Post Harvest Management

- Godowns & Warehouses Management
- Setting Up/Strengthening of Marketing infrastructure
- Cold Storages & Cold Chains Development

Micro/Minor Irrigation

- Shallow Wells/Dug Wells Irrigation
- Tube wells Operation and Maintenances
- Percolation Tanks and Diggis for Water Storage
- Minor Irrigation Works
- Farm Ponds; Construction and management
- Sprinkler & Drip Irrigation
- Techniques for Canopy under Canopy
- Rainwater Harvesting Structures
- Water and Fertigation Management in micro irrigation
- Closed circuit Trickle Irrigation System
- Sustainable practices in Surface and Subsurface Micro Irrigation

Natural Resource Management

- Water Conservation Structures & Watershed Development
- Soil Treatment Techniques (Acidic, Alkali, Waterlogged)
- Land Reclamation Techniques

Non Farm Activities

- Agri Business Centers
- Post Harvest Processing Facilities

Organic Farming / Biofertiliser

- Production of Bio Fertilizer/ Bio agents and Bio Pesticides
- Composting and Vermi Composting
- NADEP and PROM set up
- Organic and Natural Farming and Marketing of Organic Products
- Waste Recycling and Resource Recovery System
- Zero Budget Farming

Renewable Energy Sources

- Solar Cooking (Direct/Focusing, Indirect/ Box, Advanced type; Steam cooker, solar oven, parabolic type, Separate collector and Cooking chamber type)
- Solar Water Heater (Collector coupled to storage tank, Collector cum storage, Direct natural circulation type solar water heater, Indirect natural circulation type)
- Solar Distillation(Horizontal basin type: single effect & double effect, Tilted tray type)
- Solar Drying (Direct as well as indirect type solar dryer, Natural convection & Forced convection, Green house type)
- Commercial Solar Tunnel Dryer
- Solar Space Heating (Active heating: Solar air Collector and solar liquid collectors, Passive heating: Direct gain type, Thermal storage wall, Attached Sun Space: Trombe wall, water wall, Thermal storage roof system, Connective loop system.

- Solar Refrigeration and Air-Conditioning (Absorption Cycle with liquid absorbents, Absorption cycle with solid absorbents, Absorption cycle with solid absorbents, Vapors compression cycle and natural passive cooling)
- Solar Pond: For Electricity generation & thermal uses.
- Solar Furnaces for Industrial Process Heat (Single len, multiple len, single paraboloid direct type, heliostat type: vertical & horizontal optical axis)
- Solar Greenhouse Technology (Attached type, Free standing & pit type).
- Solar Thermal Power Generation; Centralized tower system, Distributed farm concept type system
- Solar Photovoltaic Technology: Water pumping (Shallow well and Deep well)
- Solar Photovoltaic Technology: Lighting (Domestic: Solar lantern, Street lighting, community centre application: For lighting &TV, Refrigeration)
- Solar Photovoltaic Technology; Power generation: Small stand alone (Few to 1000 watts), large stand alone (1000 w to 3000 w) and central generation system (multi MW production)
- Biomass Densification and Pyrolysis set up
- Biomass Gasification and Application set up
- Improved Cook stoves and Furnaces manufacturing set up
- Energy Audit in Agro Industries

Seed & Planting Material

- Seed Testing Labs
- Seed Processing, Storage and Distribution Centers
- Seed Production and Technology
- Seed Certification
- Tissue Culture set up
- Seed Conditioning set up

Sericulture

- Cocoon Production

Proforma for Submission of Project Proposal under Experiential Learning

1. **Name of the University:**

2. **Title of the Experiential Learning Unit:**

3. **Name of the College with Address:**

4. **Organisational set up of the Unit:**

	Name	**Contact details** (Designation, Mobile No., Email)	**Responsibilities**
Chief Executive Officer			
Managing Director			
Manager			
Faculty			
Guest faculty			

5. **Scope and Objective:**
(Please justify scope for skill learning and employability):

6. **Production Plan /Activity Chart:**
(Month-wise operational activities)

Particulars						
Orientation						
Developing a Business plan						
Training in Advance Skills						
Plan for the production						
Production						
Sales						
Documentation and Reports						
Presentation and Oral Examination						

7. Infrastructure Requirement:

A. Civil Work

S.N.	Activity	Civil work	Cost	Justification	Present Status

Note: Facilities not available may only be demanded

B. List of tools/equipment

S.N.	Activity	Item	Cost	Justification	Present Status

8. Production Targets:

S.N.	Activity	Material produced	Quantity

Note: Production plan for 10 students

9. Economics: (Tentative)
(Accounts shall be maintained regularly)

S.N.	Activity	Production Cost	Gross income	Net profit	Profit share/ student	Profit share of department

10. Marketing Strategy/ Plan including Product Sale:

11. Risk Assessment:

S.N.	Risk identified	Action proposed

12. Monitoring and Evaluation of the EL Unit:
(Give details of inbuilt mechanism)

13. Student Evaluation:
(Attendance, Targets etc)

14. Credit hours /Syllabus:

15. Prospective Private Enterprises for Proposed Partnership:

S.N.	Name of the Agency	Type of Collaboration

16. Product, Production and Marketing related legal aspects, if any:

17. Budgetary Requirements:

(Provide list with item wise cost and other details as Annexure)

S.N.	Particulars	Amount (Rs. in lakh)	Brief Justification
	A. Recurring		
i.	Faculty training		
ii.	Guest lectures		
iii.	Operational expenses (Manpower etc.)		
iv.	Others (Pl specify)		
	Total Recurring		
	B. Non-recurring		
v.	Equipments		
vi.	Works (repair, renovation etc.)		
vii.	Others (raw material etc.)		
	Total Non recurring		
	C. Revolving Fund		
viii.	Name of the item		
	Total Revolving Fund		
	Grand Total (A+B+C) (In Figures)		
	(In Words)		

18. Proposed funding from other sources:

S.N.	Particulars	Amount (Rs. in lakh)	Purpose

19. Attach a brief profile of the core faculty with reference to this programme:

20. Any other information:

CHECK LIST

If Yes please tick (✓) if No please (X)

i. Submission of Demand/ Proposal as per format ☐
ii. UC/AUC of Previous Financial Year ☐
iii. Printed Annual Reports as per format ☐
iv. Head Wise Expenditure in Annexure ☐
v. Present status of EL Units in the University ☐

Signature:_____

Name:_____

Designation:_____

Address:_____

Date: _____

Place: _____

RURAL AWARENESS WORKS EXPERIENCE (RAWE)

General

The scheme envisages the introduction of Rural Awareness Works Experiene (RAWE) programmes in all the Universities curriculum as an essential pre-requisite for the award of the degree to ensure adequate practical training. The RAWE will include precisely prescribed programmes of work in farms as well as KVKs instructional plants etc. for a period of one semester with provision for adequate supervision, reporting and examination at the end. The programme shall be introduced for one semester under the structured degree programmes.

Eligibility

- Students undergoing studies leading to the award of B.Sc. or B.Tech and its equivalent a degree at Agricultural Sciences at Agricultural University shall be eligible for a period of one semester.
- The stipend will be admissible to persons of Indian Nationality as defined in the Constitution of India or persons domiciled in India; irrespective of sex, race or religion.
- A student will be under the administrative control of the Head of the Institution he joins. The Head of the Institution will ensure that all the rules and regulations of ICAR are strictly adhered to.
- A student will devote his whole-time to the approved training and will not be allowed to accept or hold another appointment paid or otherwise.
- If a student shows unsatisfactory progress during the course of his training or gives up the chosen course of studies before its completion without any prior approval of the Head of Institution, or is irregular in attendance, the stipend will be cancelled by the Head of Institute itself. The stipend once cancelled will not be restored, no matter whatever the reasons adduced.
- Good conduct and regularity in attendance are also implied conditions for the continuance of stipend.
- The Head of the Institution is expected to bring to the notice of the Council any adverse report that may have been necessitated due to habitual/ irregularity, misbehaviour, participation in strikes etc. suggesting suspension/ cancellation of stipend. The student will not be paid their stipend during the period of strike or during the period the trainee remains on conduct probation.
- A student undergoing RAWE will not be allowed to avail of any other fellowship/ scholarship during tenure of stipend of the Council. In case a candidate is already receiving any other fellowship/ Scholarship it will be surrendered by him before accepting stipend of the Council. Merit cum means scholarship, Freeship is, however, not covered under the above conditions.

Note: This is not applicable to Veterinary Sciences students.

INTERNSHIP SCHEME FOR VETERINARY SCIENCES

General

The scheme envisage the introduction of Internship programmes in all the Universities in the Veterinary and Animal Sciences curriculum as an essential prerequisite for the award of the degree to ensure adequate practical training. The Internship will include precisely prescribed programmes of work in farms as well as in Veterinary hospitals with provision for adequate supervision, reporting and examination at the end. This programme shall be introduced either in the last semester under the semester pattern or in the last two trimesters under the trimester pattern.

Eligibility

- Students undergoing studies leading to the award of B.V.Sc. and A.H. its equivalent a degree at Veterinary Science College constituent of an Agricultural University shall be eligible for the Internship stipend for a period of six months.
- The Internship will be admissible to persons of Indian Nationality as defined in the Constitution of India or persons domiciled in India, irrespective of sex, race or religion.
- A student will be under the administrative control of the Head of the Institution he/ she joins. The Head of the Institution will ensure that all the rules and regulations of ICAR are strictly adhered to.
- A student will devote his whole time to the approved training and will not be allowed to accept or hold another appointment paid or otherwise.
- If a student shows unsatisfactory progress during the course of his training or gives up the chosen course of studies before its completion without the prior approval of the Head of the Institution, or is irregular in attendance, the internship will be cancelled by the Head of the Institute itself. An internship cancelled will not be restored, no matter whatever the reasons adduced.
- Good conduct and regularity in attendance are also implied conditions for the continuance of internships. The students are not allowed to change the Institute/ College during the tenure of training except with the prior approval of the Head of the College/ Institute.

- The Head of the Institution is expected to bring to the notice of the Council any adverse report that may have been necessitated due to habitual irregularity, misbehaviour, participation in strikes etc. suggesting suspension/ cancellation of internship allowance. The student will not be paid their internship during the period of strike or during the period the interns remain on conduct probation.
- An intern will not be allowed to avail of any other fellowship/ scholarship during tenure of internship of the Council. In case a candidate is already receiving any other fellowship/ Scholarship it will be surrendered by him/her before accepting internship of the Council.

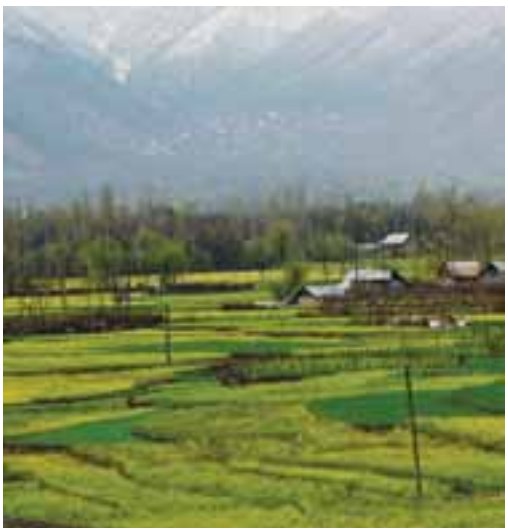
Termination of the Internship

A student will not leave the course before its completion without prior approval of the Head of the Institute. If any student leaves without permission, he/she shall not be paid any fellowship due to him/ her, but not paid to him/ her by the Institution.

Leave

The nature of leave admissible to the students is as follows.

- Six days casual leave for the duration of Internship.
- Special leave for five days for the duration of the Internship on medical; grounds only on full internship allowance.
- In exceptional cases leave up to a maximum of two months on medical ground only without any internship; and
- Maternity leave up to three months to married women interns with full internship allowance on production of Medical Certificate from the Registered Medical Practitioner.
- Leave will not be granted as a matter of right.



STUDENT PROJECT

General

Student Project aims to motivate/encourage and to provide opportunity to the Under-Graduate Students of Agricultural Universities to take up challenges in identification and/or in solution of the problem of the surrounding society related to Agricultural and Allied Sciences and work for better utilization of resources. The participant students shall be able to carry out a project on a topic in relation to a problem of the region. The project should be innovative and activity based, so that the students may develop their ability to solve a societal problem experienced locally using their skill and knowledge. The project will help in creative thinking, observation, ability to raise pertinent questions and predicting solution. This also helps the students how to make field work, to write a scientific report and to present the work.

Eligibility

Under-graduate Students enrolled in Agriculture Universities in Agriculture and Allied Sciences.

Major Areas

Agriculture, Agriculture Engineering, Biotechnology, Dairy Technology, Fisheries, Food Technology, Forestry, Home Science, Horticulture, Sericulture.

A Good Project should have:

i) Originality, Innovation and creativity and should commensurate with understanding the problem and finding solution.

ii) Relevance of the project to the community and impact of the project on society.

iii) Proper understanding of the subject, quality and quantity of the work and efforts to validate the data collected.

Project Report

The structure of the project report shall be in the format is as follows:

i) **The Cover Page -** It should have

- Title of the project
- Name and address of Group Leader and team members
- Name and address of Supervisor/Guide teacher

ii) **Registration Form**

iii) **Abstract -** 500 words

iv) **Contents**

v) **Introduction-** Description on background of the study

vi) **Aims and Objectives**

vii) **Relevance of the project work**

viii) **Methodology**

ix) **Observations:** This shall include the observations during the experiment. Observation can be both qualitative as well as quantitative.

x) **Data analysis and interpretation:** The data generated/ obtained from the experiments/observations should be processed for better understanding in a more structured manner. Tools and methods (e.g. statistical methods) may be used for analysing data to understand the patterns that emerges from it to form results and conclusions.

xi) **Results:** Results are the output of compilation of the data into meaningful outcomes/ interpretations and sometimes, there is a need to redo the experiments to get consistent results. In case it is not possible to "repeat the experiments", there should be adequate replicates so that adequate data is available for interpretation, and arriving at results.

xii) **Conclusions:** This is the logical end of the project to arrive at specific conclusions from the observed phenomena. In a way, the whole objective of the project is to arrive at some conclusion, either positive or negative which would lead to a better understanding of the problem.

xiii) **Acknowledgement**

xiv) **References**

The word limit for the written report should be 5000. The written report can be substantiated by photographs, sketches, illustrations and /or drawings, etc.

Evaluation Criteria

Every project selected by the appropriate authority of the college is to be endorsed and submitted to the Organising body in a sealed confidential envelope. Submitted projects will be evaluated by the technical committee through **Oral presentation.** The projects will be evaluated on the basis of the following criteria:

- Originality of idea and concept
- Relevance of the project to the theme /problem
- Understanding the issue
- Data collection and analysis
- Experimentation/ Validation
- Interpretation
- Oral presentation

Oral Presentation

Oral presentation at the technical session is a very important component of the entire process. Effective communication during the briefing of the issues of study, its objectives, methodology adopted for the study, important observation and findings, vital aspects on the way and approach to solve the problem or addressing the problem is a very critical. Duration of 10 minutes may be allotted for presentation. Therefore, planning is important and students can use power point presentation.

Certificates and Awards

Outstanding students will be given a "Certificate of Merit". However, all students irrespective of categories will be awarded by medals/mementos, along with participation certificates.

GUIDELINES: STUDENT READY (RURAL ENTREPRENEURSHIP AWARENESS AND DEVELOPMENT YOJANA)

(Based on XII Plan)

The Student READY (Rural Entrepreneurship Awareness and Development Yojana) programme aims to provide rural entrepreneurship awareness, practical experience in real-life situation in rural agriculture and creating awareness among undergraduate (UG) students about practical knowledge in agriculture and allied sciences. The programme will help in building confidence, skill and acquire Indigenous Technical Knowledge (ITK) of the locality and thereby, preparing the pass-out for self-employment.

This programme is specially designed for students pursuing Bachelor's degree in agriculture and allied disciplines in the Agricultural Universities of National Agricultural Research and Education System (NARES). The duration programme is for one year which includes Experiential Learning for six months and remaining period is for Rural Awareness Work Experience (RAWE)/ Internship/In Plant Training/Industrial attachment etc. outside the university campus.

The Student READY programme shall commence from academic session 2016-17.

Eligibility

- A student, who is pursuing UG programme in SAUs/DUs/CAU/CUs of NARES in courses duly accredited by the National Agricultural Education Accreditation Board (NAEAB) of ICAR, New Delhi.
- The student must maintain merit and good conduct as certified by the Head of College/University/Institution. He/ She should not remain absent during the programme without prior permission of the Competent Authority.
- The candidate should not participate in any agitation/ strike and should not take up any job even on part time basis or any other financial assistance for the same activities during the period.

Value of Stipend

The stipend payable to the Student shall be Rs. 3,000/- (Rs. 2,500/- as ICAR Share + Rs 500/- as State Share) per student per month for maximum of six months. An amount of Rs. 500/- per student/per month will also be provided as ICAR Share towards operational expenses (meeting faculty expenses, contingency, POL, medicines, etc.) during the programme.

Mode of Payment

- The stipend shall commence from the month a student joins the RAWE/In Plant training/ Internship/ Industrial attachment etc. for maximum period of six months only.
- The University will be paid the money in lump-sum in advance. For this university will have to submit demand to ICAR as per rule well in advance. The University shall transfer the stipend into the student's bank account and ensure the Direct Benefit Transfer (DBT) which will be linked to AADHAR (UID) of the student beneficiary. The university will provide a copy of compiled bank statement to ICAR, New Delhi every year.
- The University must provide the **State Share** (Rs. 500/-per student per month) failing which ICAR may stop grants to the University.
- The student may be paid the stipend on a monthly basis at the end of each month.
- In no case, ICAR will make any payment directly to the student.

Termination of Stipend

The stipend will be terminated, if a student will leave the course before its completion. No stipend will be paid if the student changes discipline or the University without any valid reasons and prior permission of the Competent Authority.

The expenditure involved will be met from the plan funds of ICAR under the scheme "Strengthening & Development of Higher Agricultural Education in India", Sub component: Student READY.

Proforma for Submission of Demand under Student READY (Rural Entrepreneurship Awareness and Development Yojana)

1. Name of the University:

2. Year of Demand:
(Please submit demand for one financial year ONLY)

3. Summary Table:

S.N.	Name of College	Name of Sub-component (RAWE/In-plant Training/ Internship)	No. of Student	Total amount (In Rs.)
1.				
2.				
3.				
4.				
Grand Total			In Figures = In words =	

4. Details of Students (College-wise):

S.N.	Name of the College	Name of Degree programme	Name of Student	University ID/ Roll No.	Year of Admission in the University	RAWE/ In-Plant Training/ Internship	Duration of Stipend (From To)	Amount Claimed (in Rs)
1.								
2.								
3.								
4.								

CHECK LIST

If Yes please tick (✓) if No please (X)

i.	Submission of Demand/ Proposal as per format	☐
ii.	UC/AUC of Previous Financial Year	☐
iii.	Details of students in prescribed format	☐
iv.	College wise & Head wise Expenditure in Annexure	☐
v.	Unspent balance refunded	☐

It is certified that **Student READY**has been implemented in this University and above students are in final year of UG programme. These students are entitled for the above stipend. All demands pertaining to **Student READY**from this university have been compiled and submitted along with above **CHECK LIST.**

Signature:_____

Name:_____

Designation:_____

Address:_____

Date: _____

Place: _____

Contact:
Deputy Director General
Agricultural Education Division
Indian Council of Agricultural Research
Krishi Anusandhan Bhawan-II, PUSA, New Delhi-110 012
Ph.: 011-25841760; E-mail: ddgedn@gmail.com
Website: www.icar.org.in