

Rural Agricultural Work Experience (RAWE) under Student READY programme from 2021-22 to 2025-26

- The programme will be initiated with orientation to students about the very purpose of RAWE.
- Students do a bench mark survey, Socio-economic survey and collect data from the selected villages for RAWE.
- Students prepare schedule encompassing all the activities involved in seed to seed production.
- Depending on the student strength, number of villages will be selected which come under two or three Raitha Samparka Kendra (RSKs).
- Five to six students will be allotted to each village to conduct RAWE activities.
- Students choose marginal, small and large farmers taking up Agri and allied enterprise to address equity issues on collection of data.
- Students will be educated to tabulate and analyse elicited data to draw meaningful inferences.
- After analysis students with the help of faculty identify existing problems, approaches in the farmer's field.
- Based on the analysis, students will be asked to formulate action plan in consultation with RSK and line departments in such a way that it helps the farmers in tapping existing opportunities and solve problems persistent on their farms.
- Based on action plan students decide on the conduct of group discussion, method demonstration, group meetings, result demonstration, crop seminars *etc.*

A. Details of RAWE under student READY Programme during 2023-24

Date (From to To)	No. RSKs	Name of the Villages	No. of students
04.11.2023 to 10.03.2024	Ripponpete Raitha Samparka kendras	Maruthipura Koduru Yelagallu Chikkajeni Gavatur	50

A. Extension activities conducted during RAWEP 2023-24

Sl. No	Extension activities	Numbers	No. of farmers
1.	Information centre	05	1120
2.	Crop museum - demonstration units	05	840
3.	Group discussions	186	1150
4.	Crop seminar	2	300
5.	Method demonstrations	105	940
6.	Exhibitions	01	1500
7.	Field visits	225	-
8.	Watsapp groups	05	900
9.	Newspaper	197	-
10.	Video documents / Youtube channel	32	-
11.	Instagram pages	5	900
12.	Online news channel	67	-
13.	TV programmes	05	-
14.	Radio programmes	08	-

a. Details of RAWEP Programme activities during 2023-24

Discipline	Placement details	Duration
Crop Production and Crop Improvement Interventions	- Group discussions and method demonstrations were conducted on Indigenous Technical Knowledge (ITK), soil sampling, fertilizer adulteration testing, water sampling, azolla production, mushroom cultivation and seed treatment. - The programmes helped farmers understand proper soil and water testing procedures, identification of adulterated fertilizers, azolla production for paddy fields, mushroom cultivation as an allied enterprise, appropriate seed treatment methods, and balanced application of micronutrients.	35days
Crop Protection	Major pests and diseases observed on the major crops	

Interventions	grown in the RAWEP villages were documented. • The pest and disease control measures followed by farmers were recorded and compared with recommended scientific practices. • Local pest situations and indigenous pest management practices followed by farmers were recorded in each village • Each student monitored at least three crops in three farmers' fields in their respective allotted village to observe pest and disease incidence and management practices. • Group discussions on IPM/IDM for major crops such as arecanut and paddy were conducted. • Group discussions and method demonstrations were conducted on the preparation of Bordeaux mixture and on the collection of diseased specimens from farmers' fields for proper diagnosis. • Group discussions were also conducted on apiculture as an allied enterprise and on pest and disease management practices in arecanut, paddy, and other major crops.	21 days
Social and Allied Sciences Interventions	• Students documented the marketing channels adopted by farmers for major crops and ascertained the marketing costs and efficiency of different marketing channels. • Students prepared optimum crop and farm plans for the villages. • Students studied the marketing practices followed by farmers for different crops cultivated by them. • Students visited dairy cooperatives and financial institutions in the RAWE villages. • Students conducted group discussions on nutrition-rich foods and food adulteration.	21 days
Agricultural Extension and Transfer of Technology	• Participatory Rural Appraisal (PRA) was performed to understand natural resources, local institutions, social structure, cropping patterns, and available resources in the villages. • Students visited the villages and, after building rapport with the help of local farmers, collected information through PRA mapping. • Major PRA tools used in the respective villages included social mapping, resource mapping, timeline, and Venn diagram. • Based on data collected through both formal (survey) and informal (PRA) methods, students obtained a	14 days

	comprehensive understanding of their respective villages.	
Plant clinic / Information Centre / Crop Museum.	Plant Health Clinics / Information Centres were established by the students in all five allotted villages, providing information on various agricultural technologies, pest and disease management, food processing, improved crop varieties, agronomic practices, processing techniques, agricultural mobile applications, and agricultural engineering implements.	28 days

RAWE Activities – 2023-24





B. Details of RAWE under student READY Programme 2024-25

Date (From to To)	No. RSKs	Name of the Villages	No. of students
22/10/2024 to 08/02/2025	Kasaba Hobli RSK Shikaripura RSK	Nelabagilu Hosagadinakoppa Halemugilagere Suragihalli	54

a. Extension activities conducted during RAWEP 2024-25

Sl. No	Extension activities	Numbers	No. of farmers
1	Information centre	04	1020
2	Crop museum - demonstration units	04	800
3	Group discussions	120	850
4	Method demonstrations	86	840
5	Exhibitions	01	1380
6	Field visits	182	-
7	Watsapp groups	04	600
8	Newspaper	112	-
9	Video documents / Youtube channel	18	-
10	Instagram pages	4	200

b. Details of RAWE Programme activities during 2024-25

Discipline	Placement details	Duration
Crop Production and Crop Improvement Interventions	- Group discussions and method demonstrations were conducted on soil sampling, fertilizer adulteration testing, water sampling, azolla production, mushroom cultivation and seed treatment. - The programmes helped farmers understand proper soil and water testing procedures, identification of adulterated fertilizers, azolla production for paddy fields, mushroom cultivation as an allied enterprise, appropriate seed treatment methods, and balanced application of micronutrients.	35days
Crop Protection Interventions	- The pest and disease control measures followed by farmers were recorded and compared with recommended scientific practices. - Local pest situations and indigenous pest management practices followed by farmers were recorded in each village - Group discussions on IPM/IDM for major crops such as arecanut and paddy were conducted. - Group discussions and method demonstrations were conducted on the preparation of Bordeaux mixture and on the collection of diseased specimens from farmers' fields for proper diagnosis. - Group discussions were also conducted on apiculture as an allied enterprise and on pest and disease management practices in arecanut, paddy, and other	21 days

	major crops.	
Social and Allied Sciences Interventions	● Students prepared optimum crop and farm plans for the villages. ● Students studied the marketing practices followed by farmers for different crops cultivated by them. ● Students visited dairy cooperatives and financial institutions in the RAWV villages. ● Students conducted group discussions on nutrition-rich foods and food adulteration.	21 days
Agricultural Extension and Transfer of Technology	● Participatory Rural Appraisal (PRA) was performed to understand natural resources, local institutions, social structure, cropping patterns, and available resources in the villages. ● Students visited the villages and, after building rapport with the help of local farmers, collected information through PRA mapping. ● Major PRA tools used in the respective villages included social mapping, resource mapping, timeline, and Venn diagram. ● Based on data collected through both formal (survey) and informal (PRA) methods, students obtained a comprehensive understanding of their respective villages.	14 days
Plant clinic / Information Centre / Crop Museum.	● Plant Health Clinics / Information Centres were established by the students in all four allotted villages, providing information on various agricultural technologies, pest and disease management, food processing, improved crop varieties, agronomic practices, processing techniques, agricultural mobile applications, and agricultural engineering implements.	28 days

RAWE Activities – 2024-25



Diagnostic field visit to farmers' field with Dr. Narasimhamurthy



Visit of Director of Education and other scientists to Information center



C. Details of RAWEP under the student READY Programme 2025-26

Date (From to To)	No. RSKs	Name of the Villages	No. of students
29.09.2025 to 26.12.2025	Hittala	Kallmane Hittala Chikkajogihalli Churchigundi Issuru	65

a. Extension activities conducted during RAWEP 2025-26

Sl. No	Extension activities	Numbers	No. of farmers
1	Information centre	05	1320
2	Crop museum - demonstration units	05	1140
3	Kitchen garden- demonstration units	05	845
4	Group discussions	132	1223
5	Method demonstrations	105	850

8	Exhibitions	01	2218
10	Field visits	205	-
11	Watsapp groups	05	900
13	Newspaper	615	-
14	Video documents	100	350
15	Agriculture technology skit	20	432
16	Awareness campaign	10	567

b. Details of RAWE Programme activities during 2025-26

Discipline	Placement details	Duration
Crop Production and Crop Improvement Interventions	- Group discussions and method demonstrations were conducted on Indigenous Technical Knowledge (ITK), soil sampling, fertilizer adulteration testing, water sampling, azolla production, mushroom cultivation, seed treatment, and the use of micronutrients with specific reference to arecanut and paddy crops. - These activities were organized to enhance farmers' knowledge and skills on scientific, sustainable, and crop-specific management practices in arecanut- and paddy-growing areas. - Both group discussions and method demonstrations were carried out in five villages, namely Kallamane, Chikkajogihalli, Issuru, Churchigundi, and Hittala, with active participation of arecanut and paddy farmers. - The programmes helped farmers understand proper soil and water testing procedures, identification of adulterated fertilizers, azolla production for paddy fields, mushroom cultivation as an allied enterprise, appropriate seed treatment methods, and balanced application of micronutrients for improved productivity of arecanut and paddy.	35days
Crop Protection Interventions	- Major pests and diseases observed on the major crops grown in the RAWEP villages were documented. - The pest and disease control measures followed by farmers were recorded and compared with recommended	21 days

	scientific practices. ● Local pest situations and indigenous pest management practices followed by farmers were recorded in each village ● Each student monitored at least three crops in three farmers' fields in their respective allotted village to observe pest and disease incidence and management practices. ● Group discussions on IPM/IDM for major crops such as arecanut and paddy were conducted. ● Group discussions and method demonstrations were conducted on the preparation of Bordeaux mixture and on the collection of diseased specimens from farmers' fields for proper diagnosis. ● Group discussions were also conducted on apiculture as an allied enterprise and on pest and disease management practices in arecanut, paddy, and other major crops.	
Social and Allied Sciences Interventions	● Students documented the marketing channels adopted by farmers for major crops and ascertained the marketing costs and efficiency of different marketing channels. ● Students documented the tangible and non-tangible benefits derived by farmers from cooperatives. ● Students prepared optimum crop and farm plans for the villages. ● Students studied the marketing practices followed by farmers for different crops cultivated by them. ● Students visited dairy cooperatives and financial institutions in the RAWE villages. ● Students conducted group discussions on nutrition-rich foods and food adulteration.	21 days
	▪ ● Participatory Rural Appraisal (PRA) was performed to understand natural resources, local institutions, social structure, cropping patterns, and available resources in	14 days

Agricultural Extension and Transfer of Technology	the villages. ● Students visited the villages and, after building rapport with the help of local farmers, collected information through PRA mapping. ● Major PRA tools used in the respective villages included social mapping, resource mapping, timeline, and Venn diagram. ● Based on data collected through both formal (survey) and informal (PRA) methods, students obtained a comprehensive understanding of their respective villages.	
Plant clinic / Information Centre / Crop Museum.	● Plant Health Clinics / Information Centres were established by the students in all five allotted villages, providing information on various agricultural technologies, pest and disease management, food processing, improved crop varieties, agronomic practices, processing techniques, agricultural mobile applications, and agricultural engineering implements. ● In addition, students established crop museums and kitchen gardens in each of the allotted villages to create awareness about crop diversity and household nutritional security.	28 days

c. Photos of RAWEP activities during 2025-26



Farmers visited the information centre



Farmers visited the information centre



Method demonstration on soil sampling in farmers field



Farmers visited the information centre



Method demonstration on food and nutrition



Method demonstration on food and nutrition



Group discussion on horticultural crops by Dr. Ravikumar M



Method demonstration on finding the admixtures in fertilisers

 Method demonstration in a farmer's field	 Visit to a farmer's field
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Experiential learning Unit courses offered (as per the Vth Dean's Committee)

B Experiential learning Unit courses offered from 2023-24

Groups	Course No.	HoT / EL Course Title	Mode - Skill/ Business	No. of Students during 2024-25
Group - I	EPA 422	Production Technology for Bio-inoculants	Business	12
	EAG 421	Organic Production Technology		
Group - II	EEN 421	Commercial Bee Keeping	Business	12
	ELP 422	Internet of Things(IoT)/Smart Agriculture	Skill	
Group - III	EFS 421	Food Processing and Food Safety Standards	Skill	12
	ESA 421	Soil, Plant, Water, Manure and Fertilizers Testing Services		
Group - IV	EHR 421	Nursery Management	Skill	15
	EST 421	Seed Production and		

		Technology		
Total				51

Group – I

EPA 422 Production Technology for Bio-inoculants

- Teaching the techniques such as Isolation and characterization of isolates.
- Imparting Knowledge on mass production and marketing of bio-fertilizers and Bio-inoculants.
- Establishing New Bio inoculants production unit from the Dept. of Microbiology, CAS, Iruvakkki.
- **Output achieved:** Nearly 2.91 tonnes of Trichoderma and 2.58 tonnes of Pseudomonas was produced by the ELP students and nearly 1.62 tonnes of the produce worth **Rs. 1.62 lakh** has been marketed to the farmers till date. After calculating the cost of production, the profit will be shared with the students involved in the ELP.

EAG 421 Organic Production Technology

- Teaching the methodologies to prepare liquid organic manures such as Jeevamruta, beejamruta and Panchagavya.
- Setting up composting unit in the Department.
- Imparting knowledge on production and marketing of vermi-composting other composting techniques.
- Imparting knowledge on production technology of vegetables organically.
- Produced leafy vegetables like palak, amaranthus & coriander, radish, beans, clusterbeans and some squash guard and sold in the campus and nearby markets.

Group – II

EEN 421 Commercial Bee Keeping

- Planted 150 Pongamia saplings in Honey bee park at MAHRS, Iruvakkki
- Established 10 bee colonies in the campus premises
- Harvested 50 litre of Honey
- Developed a process protocol for synthesis of lip balm in the lab and produced 1000 gram of lip balm and sold in AAHAARA MELA held at Shimoga.
- Processed honey in the laboratory and also prepared cut-comb honey and sold in the campus and AAHAARA MELA held at Shimoga

ELP 422– Internet of Things (IoT)/Smart Agriculture

- Programming in Python

- Tools for IOT
- Single chip computer introduction
- RaspberryPi and its application
- Sensors for different smart farming application
- Projects

Group – III

EFS 421 Food Processing and Food Safety Standards

- Washing, cleaning, sorting, cutting, and preparing fruits, vegetables, or grains.
- Product Formulation: Making items like juices (crushing, pulp removal), jams (sugar addition, boiling), ketchup (steam cooking), or soy milk/tofu/curd.
- Preservation Techniques: Applying methods like canning (bottling, sealing), drying (dehydration), freezing, fermentation, pickling, or pasteurization.
- Packaging & Labeling: Filling containers (bottles, pouches), sealing, and designing product labels with nutritional info. Strategies for selling processed products in local or broader. Conducting surveys to identify demand and product potential. Costing & Pricing: Determining product costs and setting market prices.
- Project Planning: Developing business modules, calculating capital costs, working capital, and sourcing finance.

ESA 421 Soil, Plant, Water, Manure and Fertilizers Testing Services

- ELP on soil and water testing course offered to undergraduate students of BSc.(Hons) in Agriculture by the Department of Soil science.
- In this programme students collected the soil and irrigation water samples from farmers fields from different cropping systems.
- Students demonstrated the method of soil and water samples collection for the farmers at the field.
- The collected samples were collected and analysed for soil pH, electrical conductivity, soil organic carbon, available nitrogen, phosphorus, potassium, calcium, Magnesium, sulphur, Zn, Mn, Fe, Cu and Boron and soil test results report were prepared for individual farmers with nutrients recommendation based on soil test results.
- The soil test results report were distributed to farmers and advised farmers to apply balanced nutrients.
- For each soil sample analysis charged Rs.350. Similarly irrigation water samples were analysed for pH, EC, TDS, Ca, Mg, S, Na, nitrate, chloride, SAR and RSC.
- Based on the analysis results suggested the farmers suitability of water for irrigation based on the analysed parameters and reports were distributed to farmers. Each water samples were charged Rs.150. Receipt received from analysis was distributed as per the ICAR ELP guidelines.

Group – IV

EHR421 Nursery Management

- Collection of locally available seedlings : Collection of locally available and regional important flower plant cuttings and multiplying in large scale.
- Produce High-Quality Seedlings: Grow healthy, uniform, and vigorous plants that are disease-free and robust enough for transplanting, ensuring good crop stands and higher yields.
- Cost-Effective Production: Minimize expenses by preventing seed wastage, optimizing resource use (land, labor, water), and producing planting material at a reasonable cost.
- Provide Controlled Environment: Offer ideal conditions (light, water, nutrients, protection) for seed germination and seedling development, which is difficult in the open field.
- Efficient Land Use: Reduce the time plants occupy valuable land in the main field, allowing for more intensive cropping or rotations.
- Crop Protection: Effectively manage pests, diseases, and weeds in a concentrated area, protecting tender seedlings from losses.
- Timely Availability: Supply sufficient planting material for timely planting in the main field, saving farmers time and effort.
- Support Sustainable Practices: Develop genetically superior stock and tailor plants to specific local conditions, reducing risks in the main field.
- Marketing: Sale of multiplied seedlings
- Ornamental plants – Boganvilla, Plumeria, Teacoma (Yellow), Jasmine cuttings, Hibiscus cuttings, Marigold, Nerium (Red), Hibiscus plants in poly bags
- Vegetable seedlings - Drum stick, Curry leaf, Lemon, Brinjal

EST421 Seed Production and Technology

- Imparting knowledge and skills on seed production of varieties
- Demonstrating Seed testing activities like - physical purity analysis, seed moisture testing, seed germination test, vigour test, dormancy breaking test etc

ALLOTED BUDGET OF REVOLVING FUND (ELP) OF COLLEGE OF AGRICULTURAL SCIENCES IURVAKKI – 2023-24

C.No	AB A/C NO.	DAC No.	Title of Revolving Fund	Name of the PI	ELP Amount sanctioned	Imprest Amount Sanctioned	Expenditure Amount	Profit	Receipt Amount
EEN 421	2001 32	0003 51	ELP	Dr. Naveen L Department of Entomology	5,00,000 /-	4,00,000 /-	17390/-	6,810/-	24,200/-

ESA 421				Dr. Ganapathi Department of Soil Science			19,772/-	22,078/-	41,850/-
EHR4 21				Dr. Archana B Department of Horticulture			11,785/-	10,365/-	22,150/-
				Total Rs.	5,00,000 /-	400000/-	48,947/-	39,253/-	88,200/-

2023-24	
Mass production of trichoderma 	Marketing and sales 
Organic Production	Sowing of vegetable crops



Honey extractyion



Product preparation



Soil pH analysis



Raw honey



Product preparation



Soil testing for nutrient analysis



Seed sowing**Irrigation and management****Seed germination test****Seed viability test**

B. Experiential learning Unit courses offered from 2024-25

Groups	Course No.	HoT / EL Course Title	Mode - Skill/ Business	No. of Students during 2024-25
Group - I	EPA 422	Production Technology for Bio-inoculants	Business	12
	EAG 421	Organic Production Technology	Business	
Group - II	EEN 421	Commercial Bee Keeping	Business	13
	EEX 421	Agro-Advisory Services	Skill	
Group - III	EFS 421	Food Processing and Food Safety Standards	Business	12
	ESA 421	Soil, Plant, Water, Manure and Fertilizers Testing Services	Business	

Gro up – I EPA 422 Prod uctio n Tech nolo	Group - IV	EHR 421	Nursery Management	Business	12
		EST 421	Seed Production and Technology	Business	
	Group - V	ELP 421	International Training for UG Agriculture	Skill	05
		ELP 423	Programming for Agriculture Sciences	Skill	
	Total				54

gy for Bio-inoculants

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EAG 421 Organic Production Technology

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- Setting up composting unit in the Department.
- Imparting knowledge on production and marketing of vermi-composting other composting techniques.
- Imparting knowledge on production technology of vegetables organically.
- Produced leafy vegetables like palak, amaranthus & coriander, radish, beans, clusterbeans and some squash guard and sold in the campus and nearby markets.

Group – II

EEN 421 Commercial Bee Keeping

- Planted 150 Pongamia saplings in Honey bee park at MAHRS, Iruvakkki
- Established 10 bee colonies in the campus premises
- Harvested 50 litre of Honey
- Developed a process protocol for synthesis of lip balm in the lab and produced 1000 gram of lip balm and sold in AAHAARA MELA held at Shimoga.
- Processed honey in the laboratory and also prepared cut-comb honey and sold in the campus and AAHAARA MELA held at Shimoga

EEX 421 Agro-Advisory Services

- **Village Visit and Problem Identification:** A structured interview schedule was prepared and used for systematic data collection
- **Development of Digital Agro Advisory Platform:** developed a YouTube channel named “Negila Nadha” as a digital agro advisory platform

Negila Nadha YouTube Channel	
Subscribers	4.18 Lakhs
Likes	5,400
Views	2,62,180
Comments	277
Shares	5,900

- **Content Creation and Video Production:** students created 39 educational videos related to agriculture

List of podcasts in Negila Nadha YouTube channel

Sl. No	Videos Title
1.	Agricultural Apps and Allied Science Apps
2.	Apiary Management for farmers
3.	Ginger Pyricularia leaf spot management
4.	Ginger soft rot
5.	Balanced diet
6.	Youth Entrepreneur
7.	E-tendering
8.	Deworming in Animals
9.	An overview of KSNUAHS
10.	Mushroom Cultivation
11.	Seed germination test

- **Skill Development Among Students:** students were imparted with skills like Videography and camera handling, Video editing and post-production, script writing for agricultural advisory content and Audio recording and voice modulation

Group – III

EFS 421 Food Processing and Food Safety Standards

- Washing, cleaning, sorting, cutting, and preparing fruits, vegetables, or grains.
- Product Formulation: Making items like juices (crushing, pulp removal), jams (sugar addition, boiling), ketchup (steam cooking), or soy milk/tofu/curd.

- Preservation Techniques: Applying methods like canning (bottling, sealing), drying (dehydration), freezing, fermentation, pickling, or pasteurization.
- Packaging & Labeling: Filling containers (bottles, pouches), sealing, and designing product labels with nutritional info. Strategies for selling processed products in local or broader. Conducting surveys to identify demand and product potential. Costing & Pricing: Determining product costs and setting market prices.
- Project Planning: Developing business modules, calculating capital costs, working capital, and sourcing finance.

ESA 421 Soil, Plant, Water, Manure and Fertilizers Testing Services

- ELP on soil and water testing course offered to undergraduate students of BSc.(Hons) in Agriculture by the Department of Soil science.
- In this programme students collected the soil and irrigation water samples from farmers fields from different cropping systems.
- Students demonstrated the method of soil and water samples collection for the farmers at the field.
- The collected samples were collected and analysed for soil pH, electrical conductivity, soil organic carbon, available nitrogen, phosphorus, potassium, calcium, Magnesium, sulphur, Zn, Mn, Fe, Cu and Boron and soil test results report were prepared for individual farmers with nutrients recommendation based on soil test results.
- The soil test results report were distributed to farmers and advised farmers to apply balanced nutrients.
- For each soil sample analysis charged Rs.350. Similarly irrigation water samples were analysed for pH, EC, TDS, Ca, Mg, S, Na, nitrate, chloride, SAR and RSC.
- Based on the analysis results suggested the farmers suitability of water for irrigation based on the analysed parameters and reports were distributed to farmers. Each water samples were charged Rs.150. Receipt received from analysis was distributed as per the ICAR ELP guidelines.

Group – IV

EHR 421 Nursery Management

- Collection of locally available seedlings : Collection of locally available and regional important flower plant cuttings and multiplying in large scale.
- Produce High-Quality Seedlings: Grow healthy, uniform, and vigorous plants that are disease-free and robust enough for transplanting, ensuring good crop stands and higher yields.
- Cost-Effective Production: Minimize expenses by preventing seed wastage, optimizing resource use (land, labor, water), and producing planting material at a reasonable cost.
- Provide Controlled Environment: Offer ideal conditions (light, water, nutrients, protection) for seed germination and seedling development, which is difficult in the open field.

- Efficient Land Use: Reduce the time plants occupy valuable land in the main field, allowing for more intensive cropping or rotations.
- Crop Protection: Effectively manage pests, diseases, and weeds in a concentrated area, protecting tender seedlings from losses.
- Timely Availability: Supply sufficient planting material for timely planting in the main field, saving farmers time and effort.

EST421 Seed Production and Technology

- Imparting knowledge and skills on seed production of varieties
- Demonstrating Seed testing activities like - physical purity analysis, seed moisture testing, seed germination test, vigour test, dormancy breaking test etc

Group – V

ELP 421 International Training for UG Agriculture

- A group of five students from CAS, Iruvakkı participated in an international internship program in the United States, with Disha, Trisha, Preethi, and Ganashree interning at the University of Nebraska, and Deepak at the University of Mississippi.
- During their internship, they gained valuable exposure to cutting-edge technologies, visits to laboratories, field visits, and interactions with faculty members.
- The students' hard work and dedication yielded impressive results, with Disha and Trisha securing admissions for the MS program at the University of Nebraska, and Preethi being accepted into the MS program at San Diego State University.

ELP 423 Programming for Agriculture Sciences

- Introduction to C language, branching & looping, functions, arrays and strings, functions, structures and file management, pointer and preprocessors.
- Introduction to Data Structures and Basic Statistics
- Data handling and analysis in MS-Excel and Statistical package for social sciences (SPSS)
- Introduction to R software, libraries, preparing plots, descriptive analysis, correlation & regression, statistical tests.
- Introduction to Python for basic data analysis.

ALLOTED BUDGET OF REVOLVING FUND (ELP) OF COLLEGE OF AGRICULTURAL SCIENCES IURVAKKI 2024-25

Sl.No	AB A/C NO.	DAC No.	Title of Revolv ing Fund	Name of the PI	ELP Amoun t sanctio ned	Imprest Amount Sanctio ned	Expendit ure Amount	Profit	Recei pt Amou nt
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EEN 421	2001 32	0003 51	ELP	Dr. Naveen L Department of Entomolog y	4,55,85 4/-		4000/-	14,26 0/-	18,26 0/-
EFS 421				Dr. Shruti Nayak Department of Food & Nutrition			12,000/-	26,80 0/-	38,80 0/-
EPA 422				Dr. Shilpa M E Department of Microbiolo gy			21,597/-	76,82 3/-	98,42 0/-
EAG 421				Dr. Sujatha H T Department of Agronomy			5,470/-	8,165/ -	13,63 5/-
ESA 421				Dr. Ganapathi Department of Soil Science			28,866/-	44,43 4/-	73,30 0/-
EST4 21				Dr. Priya Kivadasann avar Department of Seed Science & Technology			826/-	0/-	965/-
EHR 421				Dr. Archana B Department of Horticultr e			5000/-	0/-	0/-
ELP 422				Dr. Sahana S, Department			0/-	0/-	0/-

				of Agricultura l Extension, Education					
ELP 421				Dr. Vinay Kumar H M, Department of Agricultura l Extension, Education			0/-	0/-	0/-
ELP 423				Dr. Satish Y, Mr. K S Anantakris hna and Dr. Basamma Aladakatti.			0/-	0/-	0/-
				Total Rs.	4,55,85 4/-	400000	77,759/-	1,70,4 82	2,43,3 80

2024-25	
Mass production of trichoderma 	Marketing and sale 
Organic Production Harvesting of leafy vegetables	Organic Production Preparation of liquid organic manures



Honey processing



Honey bee products marketing at Krishimela



**Agro advisory services
Recording videos at studio**



**Agro advisory services
Recording videos at farmers field**



Product preparation



Product preparation



Soil pH analysis



Soil testing for nutrient analysis



Soil preparation



Vegetative cuttings



Seed germination test



Seed viability test



Lab visit at International internship



Field visit at International internship



Video recording and editing activities under EEX 421



Video editing



Podcast recording with Hon'ble Vice Chancellor



Podcast recording at CTC, Navule



Video recording



Recording at farmer's fields



Negila Nadha Youtube Channel

Details of FOWE (Forest Work Experience) under student READY Programme

Since the Forestry education is to equip the students towards the forest management, much emphasis is provided in form of training in various forest ranges such as wildlife division, working plan division, central nurseries, etc. During the Students' READY programme, the students undergo in plant training in various institutes such as Paper industries, Agarbatti industries, various forest ranges and divisions, etc. They gain a very useful training on practical aspects of forest genetic resources utilization and conservation. The details of various activities undertaken are listed below:

Sl. No	Course No	Course Title	Credit Hrs	Duration
1	FWE 401	Forest Range Training Programme	12 (0+12)	49 days
2	FWE 402	Industrial Placement	3 (0+3)	15 days
3	FWE 403	Weapon Training and First-Aid Training	1 (0+1)	8 days
4	FWE 404	Socio-economic Surveys and Village Attachment	2 (0+2)	16 days
5	FWE 405	Report Writing and Presentations	2 (0+2)	7 days

Year	Dept.	Placement Details	Duration
2025-26	SAF	Fire management techniques, Enumeration techniques, Plantation techniques Plantation management techniques Nursery techniques, Nursery equipments and various operations Natural and Plantation management techniques	2 weeks
	FBT	Wildlife Management activities Line Transect Sampling, Point Count, Wildlife Management Plan, Environment Impact Assessment Census activities, Wild life management, Night patrolling, etc. Environment Impact Assessment, Wildlife Management Plan	2 weeks

Year	Dept.	Placement Details	Duration
	FPU	Paper manufacturing, waste management, Raw materials Timber grading, Auction sale and wood defect studies Raw material and process of making Sawing methods and wood working tools Method of felling, Equipment handling and Transportation	2 weeks
	FRM	Hands on impact training on preparation of working plan and forest inventory, Study of Enumeration and visit to plantations and natural forests of different age gradations/age classes to estimate growing stock of tree plantations and different natural forests. Study of different sampling techniques for estimation of above ground Biomass and Tree Biodiversity. Collection of information on various Maps, Topo-sheets and other records maintained in Working Plan Wing. Study of Annual plan of Operations in nearby Working Plan Unit of Forest Range. Preparation of Working Plan: Preliminary working plan report Field Work - Working Season, Examination of territorial units, Compartment description, Stock Mapping Writing up the Working Plan	2 weeks

Sl. No	Year	Date	Forest ranges/Divisions/Circle/ Conservation parks etc.	Activities
1	2025-26	18.08.2025 to 10.01.2026	Hanagere, Sakrebylu, Mugudthi, Kargal,	1. Placement with wildlife and Forest Research wing 2. Placement with forest-based industries and entrepreneurship development/ research institutes 3. Placement with forest working plant wing and NGOs 4. Placement with KFD/ Research stations/ Plantation farmers/ NGOs/ Entrepreneurs

Images of Forest Work Experience activities

2025-26	
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Fire line demonstration



Ecotourism activities



Plot Laying



Tree Enumaration

extraction



Conversion activities



Nursery activities



Plus tree selection



Tree Identification



Weapon Training



Weapon Training



Bird Watching



Volume Estimation



Demonstration of handling emergency situations



First Aid Training



Preparation of Village Social map



Interaction with school students at Hosanthe village



Mobility map at Hosanthe village



Mobility map of Hosanthe Village

