



Kerala
Agricultural
University

NEW GENERATION SKILL ORIENTED CERTIFICATE COURSES



Top ranked University

Enhancing skills in farming

Kerala Agricultural University, (KAU), right from its establishment in 1971, has been in the forefront of developing and fine-tuning the human resources needed to fulfill the great mission of ensuring food security. Agriculture, besides being an occupation is the strongest tool for human survival. KAU is well composed to meet the challenges for boosting the economy.

India needs its youth to be well trained, skilled and motivated. To address the emerging need for trained professionals in agriculture sector, Kerala Agricultural University introduces forty certificate courses through its various colleges and stations spread across Kerala.

These courses are designed to provide both theoretical as well as practical knowledge, hands-on experience and field visits for aspirants who wish to pursue a career in agriculture or enhance their existing skills in the respective field through online/offline and hybrid mode according to the syllabus and nature of subject covered in each course.

Introduction of certificate courses in agriculture sector is a step towards addressing the increasing need for skilled professionals in this field and will contribute to the overall growth and development of the agriculture sector.



Serving the farming community for the past 5 decades



OBJECTIVES:

1. Develop skills of learners in their area of interest in agriculture through new generation certificate courses.
2. Offer a competitive edge in the job market, providing learners the opportunity to improve their chances for job advancement or to acquire new job opportunities.
3. Provide personal development opportunities for learners to develop new interests, hobbies or talents.
4. Encourage lifelong learning by providing learners with new knowledge and skills in agriculture sector.
5. Update professionals and employees in their field which can be valuable for their organisation as well as personal development.
6. Provide learners with a credential that is recognized by employers in their field, making it easier to gain employment or admission to higher education programs.

Winner of Chancellor's award in 2020

New courses from Kerala Agricultural University

Sl. No.	Title of the course	Mode	Duration	No. of Seats	Fees (Rs.)	Eligibility	Station offering the course
1	Fruits and Vegetable Processing	Hybrid	6 months (670 Hrs.)	25	25,000	10 th standard pass	KCAET Tavanur
2	Operation and maintenance of Farm Machinery	Hybrid	1 month (150)	15	3,500	ITI/ITC/VHSE /Plus two pass	KVK, Kollam
3	Micro Irrigation Technician	Hybrid	2 months (145)	25	15,000	10 th standard pass	CoA, Vellanikkara
4	Precision Farming	Hybrid	6 months (20) 2 Batches/year	25	25,000	10+2 Science with minimum of 50% marks	KCAET, Tavanur
5	Data Science with R software	Online	3 months (48) 4 Batches/year	60	4,500	UG students with basic Statistics knowledge	KCAET, Tavanur
6	Entrepreneurship Development in Food Processing	Hybrid	1 month (120) 6 Batches/year	25	20,000	VHSE/ Plus two pass	Department of Agrl. Engg., CoA, KAU, Vellanikkara
7	Commercial Mushroom and Spawn Production	Hybrid	3 months (360)	25	15,000	Plus Two Pass with Science Subjects	COA, Vellanikkara and KVK, Wayanad
8	Integrated Nutrient Management	Offline	15 days (90) 5 Batches/year	30	12,500	10 th standard pass	Central Training Institute, Mannuthy
9	Integrated Pest and Disease Management	Offline	15 days (90) 5 Batches/year	30 each at 3 Centers	12,500	10 th standard pass	Central Training Institute, Mannuthy
10	Organic Interventions for crop sustainability	Online	3 months (50) 3 Batches/year	100	4,000	Plus two pass	Central Training Institute, Mannuthy
11	Agriculture Waste Management and Value Addition of Biowastes	Hybrid	3 months (240) 2 Batches/year	25	15,000	Diploma in Agriculture/ Plus two/VHSE	CoA, Padannakkad
12	Hi-tech Agriculture-IOT & Drones	Hybrid	6 months (900)	20	35,000	Plus Two Pass with Science Subjects	CeL, Vellanikkara
13	Agri-export management and International Trade	Hybrid	6 months (72)	30	30,000	B.Sc. (Hons.) Ag, B.Sc. C&B, B.Sc. Forestry, B.Sc. (Fisheries), Graduates or post-graduates in economics, commerce or management	CoA, Vellanikkara

ICAR accredited top ranked university

Sl. No.	Title of the course	Mode	Duration	No. of Seats	Fees (Rs.)	Eligibility	Station offering the course
14	Detection and Diagnosis of Plant Diseases	Hybrid	6 months (102)	30	40,000	Bachelor's Degree in Agriculture/ Botany/ Microbiology	CoA, Vellanikkara
15	Bakery and Patisserie	Hybrid	3 months (420)	20	30,000	10 th standard pass	CoA, Vellanikkara
16	Sports Nutrition	Hybrid	3 months (36)	20	30,000	Plus two Pass	CoA, Vellanikkara
17	Millet production, processing and value addition	Hybrid	6 months (40)	20	50,000	Plus two Pass/ VHSE with Science/ Agriculture	CoA, Vellanikkara
18	Skilling vocational youth as urban farming technicians	Hybrid	4 months (68)	20	20,000	Plus two Pass/VHSE/ Diploma in Agriculture and allied subjects	CoA, Vellayani
19	Plant Health Clinic	Hybrid	6 months (60)	20	20,000	Bachelor's Degree in Agriculture/VHSE Agriculture	CoA, Vellayani
20	Artificial insemination, hatchery management and chick sexing	Hybrid	6 months (25)	15	15,000	Age limit upto 25 years, 10 th standard pass	CoA, Vellayani
21	Entrepreneurship development in commercial floriculture	Offline	5 months (450)	30	25,000	VHSE/Plus two Pass	CoA, Vellanikkara
22	Project Consultancy Support	Hybrid	3 months (36)	50	15,000	B Sc (Hons) Agriculture, B Sc Forestry, B Sc CBM, B Tech Biotechnology, B Tech Food Technology	Communication Centre, Mannuthy
23	Hitech Poultry farming	Hybrid	2 months (60)	20	7,500	VHSE/Plus two Pass	Communication Centre, Mannuthy
24	Hitech Dairy farming	Hybrid	1 months (55)	20	5,000	VHSE/Plus two Pass	Communication Centre, Mannuthy
25	Advances in livestock farm management	Hybrid	3 months (75)	20	10,000	VHSE/Plus two Pass	Communication Centre, Mannuthy
26	Wildlife Management	Hybrid	6 months (450)	25	30,000	10 th standard pass	CoF, Vellanikkara

Dedicated institutes/centers in all the districts of the state

Sl. No.	Title of the course	Mode	Duration	No. of Seats	Fees (Rs.)	Eligibility	Station offering the course
27	Field Ornithology	Hybrid	6 months (350)	25	30,000	10 th standard pass	CoF, Vellanikkara
28	Advanced goat rearing techniques	Hybrid	1 month (55)	20	5,000	VHSE/Plus two Pass	Communication Centre, Mannuthy
29	Agroindustry Bridge course on Microbial Inoculants	Hybrid	3 months (204) 2 Batches/year	10	25,000	Masters in Agriculture/ Life Sciences	CoA, Vellanikkara
30	Protocol based advisory in crop production	Hybrid	1 month (25)	50	5,000	PlusTwo Pass and above	Communication Centre, Mannuthy
31	Agrometeorological observation and instrumentation: Weather Forecasting	Offline	3 months (400)	20	15,000	Plus Two Pass/ Sound knowledge in MS Office	CoA, Vellanikkara
32	Agroforestry practices for various agro-climatic regions of Kerala	Hybrid	3 months (60)	25	29,500	Plus Two Pass or equivalent	CoF, Vellanikkara
33	Eco-restoration practices for forests and agroecosystems	Hybrid	3 months (56)	25	29,500	Plus Two Pass or equivalent	CoF, Vellanikkara
34	Environmental monitoring and assessment techniques	Hybrid	6 months (200)	25	30,000	Plus Two Pass with 60 per cent marks	College of Climate Change and Environmental Science, Vellanikkara
35	Risk management in agriculture supply chains	Hybrid	6 months (180)	30	30,000	Graduation in any discipline	CoA, Vellanikkara
36	Data Science and Machine Learning in Agriculture	Hybrid	6 months (274)	20	10,000	B.Sc in Agriculture, Statistics, Mathematics, Forestry etc/ B.Tech with min. 60% marks	CoA, Padannakkad
37	Virus indexing for production of disease free planting materials	Hybrid	6 months (60)	20	30,000	B.Sc.Ag.(Hons.) / B.Sc. Life Sciences/M.Sc	CoA, Vellanikkara

Facilities for hand holding the budding Agripreneurs

Sl. No.	Title of the course	Mode	Duration	No. of Seats	Fees (Rs.)	Eligibility	Station offering the course
38	Leaf Tissue Analysis as a Diagnostic Tool for Plant Health Management	Offline	4 months (85)	20	30,000	Plus two Pass/VHSE/Diploma in Agriculture and allied subjects	CoA, Vellayani
39	Advanced techniques in Molecular Biology	Offline	1 month (110) 3 Batches/Year	10	30,000	Master's in Life Science	CoA, Vellanikkara
40	Disaster Management In Agriculture	Online	6 months (200)	25	30,000	Plus two Pass or Equivalent	College of Climate Change and Environmental Science, Vellanikkara
41	Machine Learning and Predictive Analytics in Agriculture	Offline	3 months (300)	30	15,000	Any degree	CoA, Vellayani

** Figures within parentheses indicate contact hours*

The announcement for starting each course with details of application, mode of payment and last date for application will be done separately by the respective course teachers.

For more information contact :

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Practical oriented course curriculum



Beautiful lush green campuses, internationally renowned faculty, excellent learner support programmes

