

# KERALA AGRICULTURAL UNIVERSITY

## Proceedings

KAU- Edn- Establishment of four new departments at College of Climate Change and Environmental Science , KAU, Vellanikkara- orders issued

### DIRECTORATE OF EDUCATION

No. Acad B2/2022/101/12636

Dated: 17/05/2023

- Read:-
1. Minutes of the 62<sup>nd</sup> meeting of Board of studies (Faculty of Agriculture)
  2. Minutes of 135<sup>th</sup> meeting of the Academic Council held on 04.08.2020
  3. Minutes of the 64<sup>th</sup> meeting of Board of Studies (Faculty of Agriculture) held on 07.07.2022
  4. Minutes of the 138<sup>th</sup> meeting of the Academic Council held on 22.07.2022.
  5. Minutes of the 145<sup>th</sup> meeting of General Council held on 31.03.2023

### ORDER

As per paper read (1) the 62<sup>nd</sup> Board of Studies ( Faculty of Agriculture) has approved the new syllabus for the 4 year B. Sc (Hons) Climate Change and Environmental Science, which has subsequently been approved by the 135<sup>th</sup> Academic Council as per paper read (2) . While finalizing the list of courses and syllabus, it has been decided to place the courses under the following 4 new departments

1. Department of Climate Change and Adaptation
2. Department of Earth Science
3. Department of Environmental Science
4. Supportive and Allied Subjects

As per paper read (3) the 64<sup>th</sup> Board of studies (Faculty of Agriculture) has recommended for establishing the above 4 new departments in the College of Climate Change and Environmental Sciences, KAU, viz.

Sl No	Name of the Department	Subjects
1	Department of Climate change and Adaptation	Introduction to Earth system, Climate system- Past, Present and Future. Fundamentals of Agro meteorology and Weather forecasting. Tropical Meteorology, Environmental Geoscience, Climate Change; The Indian Scénario, Weather modification and Disaster Management Strategies, Climate Projections Governance, Law and Policy in Disaster Management, Climate Change mitigation and Adaptation, Carbon Management and greenhouse gas mitigation etc.

2	Department of Earth Science	Thermo and Fluid Dynamics, Physical Meteorology, Physical Oceanography, Global Physical Climatology, Geomatics, Air- Sea Interaction, Remote sensing and its Application in Climate Science, Climate Dynamics , Ocean an Atmosphere Modelling, Climate Change and Polar Science etc.
3	Department of Environmental Science	Introduction to Environmental Science, Environmental Chemistry, Environmental Biochemistry, Environmental Economics and sustainable Development, Wetland Ecology and Management. Environmental Pollution and Toxicology, Environmental Law and Policy, Environmental Microbiology Solid & Hazardous Waste Management, Environmental Planning and Management, Environmental impact assessment etc.
4	Supportive and Allied Subjects	Mathematics, Introduction to Forestry, Introduction to Agriculture, Introduction to Statistics, Introductory Animal Husbandry, Comprehension And Communication skills in English, NCC/NSS/Physical Education and Yoga Practice 1, Vector calculus Fundamentals of Computer Science Introduction to soil Science, Economics and Entrepreneurship Development, Communication skills and Personality Development, Physical Education and Yoga Practice 2, Application of Computer Programming in climate Sciences, Plant Physiology , Soil and Water Conservation, Crop improvement for climate change, Climate smart Agriculture, Forest Ecology and Conservation Biology, Fundamentals of Crop protection, Statistical methods and Experiment Design, Biotechnology and Climate Change, Restoration Ecology, Introduction to Fisheries Oceanography, Principles and Practices of Extension etc.

The 138 th Academic council has approved the proposal to establish four new departments in College of Climate Change and Environmental Sciences and the whole matter was placed before 145<sup>th</sup> General Council held on 31.03.2023. As per paper read ( 5) the proposal is approved.

In consonance with the decision of the 145<sup>th</sup> General Council the following orders are issued.

University is pleased to issue orders establishing the following four new departments in the College of Climate Change and Environmental Sciences, KAU, Vellanikkara with the subjects of study as mentioned there on

1. Department of Climate change and Adaptation
2. Department of Earth Science
3. Department of Environmental Science
4. Supportive and Allied Subjects

//By Order of the General Council //


Dr. S GOPAKUMAR  
DIRECTOR OF EDUCATION

To

1. The Registrar, KAU
2. All Deans of Faculty/ Deans of all colleges under KAU
3. Academic Officers of all colleges under KAU

**Copy to:** PS to VC/PA to Registrar/Steno to Director of Education/ Controller of Examinations/Joint Registrar (Acad)/ Joint Registrar (Admn. II))/Joint Registrar ( Admn I)/Section Officers Acad A,B,C & D/ Programmer(Acad)/SF /Spare.

//Forwarded by order//

  
Section Officer