



KERALA AGRICULTURAL UNIVERSITY

PROSPECTUS FOR ADMISSION TO

M. Tech

**RENEWABLE ENERGY
ENGINEERING**

2024 – 25

1. INTRODUCTION

Renewable energy engineering plays a vital role in developing, designing and implementing technologies that harness energy from renewable sources like solar, wind, hydro, geothermal, biomass and tidal energy. This programme has been designed to provide a detailed knowledge of all major renewable energy sources and the engineering skills associated with it. In addition, this course will create a pool of technically trained manpower readily available for recruitment to the State, central and private power utilities and allied industries. Detailed expertise will be offered in solar energy systems, wind energy, biomass, geothermal, tidal and wave energy, hydrogen and fuel cells along with the problems associated with grid integration of various sources and interfacing technologies.

2. COURSE OBJECTIVE

- To create awareness among the students about the importance of all major renewable energy sources and the engineering skills associated with it.
- To equip the students with technologies, economics and policy involving energy systems and supply related to renewable energy sources.
- To impart knowledge in the recent developments in Energy Sector with emphasis on Renewable Energy including resource assessment, energy harnessing process for various application including power generation.
- To plan and execute an integrated program on the development and implementation of renewable energy projects.

The details of course are given below:

a.	Name of Course	M. Tech. (Renewable Energy Engineering)
b.	Name of Institution	Kelappaji College of Agricultural Engineering and Technology, Tavanur
c.	Number of seats	8
d.	Duration of Course	2 years
e.	Eligibility	B.E. / B.Tech. in Agricultural / Mechanical/ Electrical/ Electronics/ Energy and Environmental Engineering (EEE).
f.	Fee Structure	
	Admission Fee	Rs. 4,200/-
	College caution deposit (Refundable)	Rs. 25,000/-
	Semester Tuition Fee	Rs. 50,000/-
g.	Medium of Instruction	English
h.	Accommodation	Candidates have to make their own arrangements for boarding and lodging

**The fee will be subject to revision from time to time at the discretion of the University.*

3. SELECTION

The selection of candidates will be based on the academic merit.

4. SYSTEM OF TEACHING AND EVALUATION:

Credit-based semester system with the existing pattern of the Kerala Agricultural University

FOR MORE DETAILS ABOUT THE COURSE, CONTACT:

Dr. Dhalin. D

Professor (FMPE)

Kelappaji College of Agricultural Engineering and Technology

Tavanur

Email: deanengg@kau.in Mob: 9446967622

For admission related queries, contact +91 487-243 8143/8139 (10 AM to 5 PM on working days) or email to admissions@kau.in

DIRECTOR OF EDUCATION
