



**KERALA AGRICULTURAL UNIVERSITY**

**PROSPECTUS FOR ADMISSION TO**

**P G DIPLOMA**

**IN**

**BIOINFORMATICS**

**2023-2024**

## **INTRODUCTION**

Bioinformatics is a fast emerging research field in biological sciences. With computational biology and whole genome-based analyses come to the center stage in modern biological sciences research, Bioinformatics becomes most essential. As of now, in the state of Kerala, there is no other institution offering PG diploma in Bioinformatics, including NGS data analysis, structural bioinformatics and project work related to agriculture. The programme is supposed to train 15 professionals ready to take up jobs in the areas of NGS data analysis, drug design and computational biology in the private and public sectors.

## **COURSE OBJECTIVE**

- To equip the participants in programming in Python, Perl, JAVA and R languages
- To impart the knowledge on various Biological databases, structural bioinformatics
- To train the participants in evolutionary biology and related analysis
- To enable the participants in NGS data analysis and workflow

The details of course are given below:

<b>a.</b>	Name of Course	PG Diploma in Bioinformatics
<b>b.</b>	Name of Institution	Bioinformatics Centre, Vellanikkara, KAU
<b>c.</b>	Number of seats	Minimum -10, Maximum- 15
<b>d.</b>	Duration of Course	1 Year
<b>e.</b>	Eligibility	Graduates in any Biological Sciences
<b>f.</b>	<b>Fee Structure</b>	
	Admission Fee	1000/-
	Semester Tuition Fee	50,000/-
<b>g.</b>	Medium of Instruction	English
<b>h.</b>	Accommodation	Candidates have to make 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 and interview

## **4. SYSTEM OF TEACHING AND EVALUATION:**

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

**FOR MORE DETAILS ABOUT THE COURSE, CONTACT:**

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*For admission related queries, contact +91 487-243 8132/8136 (10 AM to 5 PM on working days) or email to [admissions@kau.in](mailto:admissions@kau.in)*

**DIRECTOR OF EDUCATION**

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