

**DEPARTMENT OF STATISTICS**  
**UNIVERSITY OF KERALA**  
*(Re-accredited by NAAC with 'A++' Grade)*



**ADMISSION NOTIFICATION**

Applications are invited from the eligible candidates to the **Certificate Course in Programming with R, Python & Machine Learning**, offered by the Department of Statistics, University of Kerala, Thiruvananthapuram.

**About the Department**

This department is the second oldest post-graduate department of Statistics in India, established in 1945. The Department of Science and Technology (DST), New Delhi has identified this department under its FIST Programme (2009-2014). This department has molded several reputed statisticians like Prof. K. C. S. Pillai, Prof. A. M. Mathai, Prof. Thomas Mathew, and so on. Research papers are published regularly from this department in refereed journals in Statistics and have been extensively cited in the latest Statistical publications.

The curriculum of the department has been modified into a Learning Outcome-based Curriculum Framework in 2020 which focuses on employability, skill enhancement, nurturing critical thinking, and inculcating social and human values. The department is very rich in terms of infrastructure facilities such as Koha Integrated Library with 11,000 books, a full-fledged laboratory with 25 computers, and a multimedia classroom.

## **Certificate Course in Programming with R, Python & Machine Learning**

This course provides students with a strong foundation in programming and data analysis skills using R and Python. This course enables students to integrate the knowledge and skills acquired in both programming languages for comprehensive data analysis and manipulation. This course introduces students to machine learning and its practical applications in real-world scenarios. This course encourages collaborative learning, critical thinking, and problem-solving abilities through hands-on assignments and projects. This course prepares students for further studies or careers in data analysis, data science, and machine learning.

### **Eligibility**

Those who have completed graduation in the science stream can apply for this certificate course.

### **Structure and Duration**

Certificate Course in R & Python is a three-month Part-time course with 60 teaching hours. The candidate will be declared eligible for receiving the Certificate in 'Programming with R, Python and Machine Learning' on his/her completion of the course of studies prescribed, and passing the examination.

**No. of seats: 30**

### **Fee Structure**

<b>Heads</b>	<b>Fee</b>
Application Fee	₹. 250/-
Tuition Fee	₹. 7500/-
Department Development Fund	₹. 500/-
Examination Fee for theory paper	₹. 500 /-

## **Important Dates**

Last Date of Application: **30/09/2024**

Date of Admission: **15/10/2024**

Date of commencement of class: **26/10/2024**

## **Application procedure**

Eligible candidates can download the application form from the website of the University of Kerala ([www.keralauniversity.ac.in](http://www.keralauniversity.ac.in)). The form can be collected from the office of the department as well. The duly filled form along with the copies of certificates has to reach the address below on or before the last date.

**The Head  
Department of Statistics  
University of Kerala  
Kariavattom - 695981**

## **Contact Details**

For more details of the course, the public can contact The Head, Department of Statistics, University of Kerala, Kariavattom, Thiruvananthapuram, 695581.

Email: [statkerala@gmail.com](mailto:statkerala@gmail.com)

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