

ABOUT US

Sree Sankara College Kalady is one of the leading educational institutions in Ernakulam district. The institution, affiliated to Mahatma Gandhi University, was founded in the year 1954 by Swami Agamananda, a social reformer and a foresighted scholar of Sri. Ramakrishna Advaita Ashram. In June 1960, the patronage of the college became vested in His Holiness Jagadguru Sri Sri Sankaracharya Swamigal of Dakshinamnaya. Currently Sri Sri Bharathi Theertha Mahaswamigal and Sri Sri Vidhusekhara Bharathi Mahaswamigal of Sringeri Muut, steers the administration through a Board of Directors.

SMART Scheme of IQAC

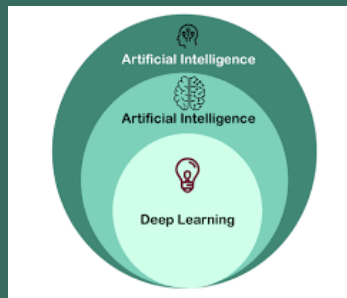
SMART (Sree Sankara Management Aid for Research and Transformation) is the scheme for extending financial support to the departments for conducting workshops, seminars and webinars.

Post Graduate Department of Statistics

The department of Statistics was established in the year 1993 with the introduction of B.Sc. Statistics Programme with Mathematics and Computer Science as complementary courses. In 2020, Kerala government sanctioned an aided programme M.Sc. Statistics with Data Science. The department has a well-equipped computer centre exclusively for the M.Sc. students. Students are provided training in softwares like Python, R and SPSS.

Significance of the Workshop

In the era of big data and artificial intelligence, data science and machine learning have become essential in many fields of science and technology. Python Statistics libraries have comprehensive, popular, and widely used tools that will help to work with data.



This workshop aims at providing a conceptual understanding of how machine learning techniques can be used to model and solve the real world applications. It will provide the participants hands-on training sessions on various machine learning algorithms..



SREE SANKARA COLLEGE, KALADY

Reaccredited by NAAC with B++ Grade
Sankar Nagar, Mattoor, Kalady -683 574

POSTGRADUATE DEPARTMENT OF STATISTICS

Organizes

Two day Workshop
on

MACHINE LEARNING



20th & 21st January 2023

Under

SMART SCHEME, IQAC,
SREE SANKARA COLLEGE, KALADY

Registration

Reg. Fee: Rs. 1000/- for Faculty & Research Scholars
and Rs. 500/- for Students

A/C No: 62560200000022

IFSC: BARBOVJMATT

Bank & Branch: Bank of Baroda, Mattoor

Beneficiary: Department of Statistics,
SSC Kalady

*Kindly fill up your details and upload the payment receipt through
<https://forms.gle/LxMEELP6W2uLDjAy6>

Last date of Registration and Payment : 15th January 2023

Venue: Computer Lab, SF17, Commerce block

Advisory Committee

Sri. K. Anand, Managing Director, Adi Shankara Group of Institutions

Sri. C. P. Jaisankar, Chief Operations Officer, Adi Shankara Group of
Institutions

Dr. Preethi Nair, Principal, Sree Sankara College, Kalady

Dr. Manju T, Convenor, IQAC, Sree Sankara College, Kalady

Organizing Committee

Dr. Biju Thomas, Head of the Department of Statistics,
Sree Sankara College, Kalady

Dr. Mini L, Associate Professor, Sree Sankara College, Kalady

Sri. Benno Mathew, Associate Professor, Sree Sankara College, Kalady

Sri. Saneesh Kumar V G, Guest Faculty, Sree Sankara College, Kalady

Ms. Nourin Jahan, Guest Faculty, Sree Sankara College, Kalady

Ms. Gopika P. Guest Faculty, Sree Sankara College, Kalady

Coordinator

Ms. Sowmya M.R,

Department of Computer Science,

Sree Sankara College, Kalady

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Resource Person



Dr. Shailesh S

Assistant Professor,

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Cochin University of Science & Technology,
Cochin - 682 021

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Programme Schedule

Day 1:

Session 1 (9.30am – 12.30 pm)

- Machine learning fundamentals
- Python basics
- Numpy

Day 1:

Session 2 (1 pm – 4 pm)

- Feature engineering
- Visualization: Matplotlib
- Linear regression

Day 2:

Session 1 (9.30 am – 12.30 pm)

- Clustering and Classification
- SVM and KNN implementation
- Association rule learning

Day 2:

Session 2 (1pm- 4pm)

- Ensemble learning
- Artificial neural networks
- Deep learning

