



30 Hours of Technical Learning
(09 Mar 2022 – 31 Mar 2022)

Certificate Course on
STATISTICAL TOOLS Using EXCEL AND LATEX SOFTWARE
FOR PROJECT PREPARATION

ORGANIZED BY
DEPARTMENT OF MATHEMATICS & STATISTICS,
BISHOP MOORE COLLEGE, MAVELIKARA
IN COLLABORATION WITH



Assumption College
Changanacherry



St. Joseph's College for
Women
Alappuzha



St. Stephen's College
Pathanapuram

Topics to be Covered:

- ❖ Basic Functions of Excel
- ❖ Conditional formatting
- ❖ Styling pages using Latex
- ❖ Tabular and graphical Representation of data
- ❖ Statistical functions
- ❖ Referencing Tools
- ❖ ANOVA
- ❖ Inserting tables and images

RESOURCE PERSONS



Mahesh Divakaran, Statistical Programmer, IBM Certified Data Science Professional, SAS 9.4 Base Certified Specialist
Genpro Research, Trivandrum

Jesse P. Francis, Assistant Professor, Department of Mathematics,
St. Joseph's College(Autonomous), Bangalore



Theme of the Program:

"I never teach my pupils, I only provide the conditions in which they can learn"
- Albert Einstein

For any query, contact:

Emil Ninan Abraham,
Course Coordinator
emilninanabraham@gmail.com
9400200557

Anjli Susan Ninan, Convenor
anjli.osw@gmail.com
9496331035

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About the Collaborating Colleges

Bishop Moore College, Mavelikara, established in 1964 and affiliated to the University of Kerala, has been awarded A grade by NAAC in the 3rd cycle of accreditation and ranked 76 among the Colleges in India in the NIRF ranking 2020. The College offers 11 Under Graduate, 4 Post Graduate and 2 research programmes in Science, Commerce, Arts and Humanities along with two UGC-sponsored add-on courses, and also provides opportunities for students to carry out Summer Research Projects at reputed institutes in the country. The undergraduate programmes in the Science departments are supported under the DBT-STAR College scheme. The College has become an active hub of research with well equipped laboratories, over 100 publications in international journals, a number of completed major and minor research projects, the research facilities being enhanced by utilizing funds under the DST-FIST scheme and KSCSTE SARD project scheme. The research centres have collaborative projects with institutes like the UGC – DAE Consortium for Scientific Research, BARC Mumbai and IUAC, Delhi.

St. Stephens College, Pathanapuram, was established in 1964 by his Grace Mar Thoma Dionysius, Metropolitan of Niranam Diocese of the Malankara Orthodox Church and is affiliated to the University of Kerala. The College offers 8 Under Graduate, 4 Post Graduate and 1 PhD programmes. Department of Zoology has been recognized as a Research Centre by the University of Kerala in 2000. Students can do research leading to PhD here. The College was accredited at the B++ Grade by the National Assessment and Accreditation Council (NAAC) in 2004. The College was re-accredited by the NAAC at B Grade with CGPA 2.80 in 2015. The College aims at the integrated personality development of the scholars.

Assumption College (Autonomous), Changanacherry affiliated to Mahatma Gandhi University, Kottayam, is a Christian minority institution managed by the Archdiocese of Changanacherry, with 71 years of excellence in providing quality higher education to young women. The excellence of Assumption College was recognized by the University Grants Commission through the grant of Autonomy in the year 2016, and the National Assessment and Accreditation Council (NAAC) by re-accrediting the college at the 'A' Level in the third cycle. One among the top 100 colleges in India in the NIRF Ranking 2017, Assumption College is now 29th at national level, and 11th in the state, among the private autonomous colleges in the Education World India Higher Education Rankings 2021-22. The College offers 19 Under Graduate and 9 Post Graduate and 2 PhD programmes.

St. Joseph's College for Women, Alappuzha founded in 1954 was envisioned by International Congregation of Canossian Daughters of Charity and is affiliated to the Kerala University. In 2015, the College was the recipient of grant from DST FIST for the infrastructural development and in 2016, it was granted the status of "College With Potential for Excellence" (CPE) by UGC. The College offers 10 Under Graduate and 3 Post Graduate programmes, and various certificate courses. In 2015, the College was the recipient of grant from DST FIST for the infrastructural development of Science labs. The college was awarded B++ Grade with a CGPA of 2.87 on a scale of four in the third NAAC accreditation process conducted in 2018. The college has been able to combine the core values of higher education upheld by the Higher Educational Council and NAAC with its own vision and mission which stem from the educational policy evolved by the Canossian Congregation, guided by the precepts of St. Magdalene of Canossa, the founder of the order, thus ensuring value based education that aims at global competencies.



Certificate Program For Students

UG students , PG students, Research Scholars & Others

Successful Completion Certificate:

**Based on Attendance, Assignments & Projects (50% or above)
Attendance & Feedback Compulsory**

**Flexible Online Mode
Live Sessions-Saturdays & Public Holidays**

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Course Objectives

To develop participants to focus on critical skills that can be utilized to visualize and evaluate data. Further enhancing one's technical writing skills, satisfying document specifications like style and format, page layout and referencing.

Registration Fee :
Rs. 350/-

Click to
Register

PAYMENT DETAILS

**Principal, Bishop
Moore College**
SBI (Mavelikara Town
Branch)
A/c: 57040426450
IFSC: SBIN0070089

Organizing Committee

Dr. Jacob Chandy, Co-Patron, Principal, Bishop Moore College, Mavelikara
Dr. K.P. Laladhas, Co-Patron, Principal, St. Stephen's College, Pathanapuram
Dr. Anitha Jose, Co-Patron, Principal, Assumption College, Changnacherry
Dr. Rita Latha D'coutho, Co-Patron, Principal, St. Joseph's College for Women, Alappuzha
Dr. Ranjith Mathew Abraham, Vice Principal & IQAC Co-ordinator, Bishop Moore College, Mavelikara
Capt. (Dr.) Koshy P. M., IQAC Co-ordinator, St. Stephen's College, Pathanapuram
Mrs. Anne Mary Joseph, IQAC Co-ordinator, Assumption College, Changnacherry
Dr. Anju M Neeliyara, IQAC Co-ordinator, St. Joseph's College for Women, Alappuzha
Mrs. Simili Abraham, HOD of Mathematics, Bishop Moore College, Mavelikara
Rev. Fr. (Dr.) Koshy N. J., HOD of Mathematics, St. Stephen's College, Pathanapuram
Mrs. Rinsy Thomas, HOD of Mathematics, Assumption College, Changnacherry
Mrs. Binitha Benny, Co-Ordinator, HOD of Mathematics, St. Joseph's College for Women, Alappuzha
Mr. Emil Ninan Abraham, Co-ordinator, Asst. Professor of Statistics, Bishop Moore College, Mavelikara
Mrs. Anjli Susan Ninan, Convenor, Department of Mathematics, Bishop Moore College, Mavelikara
Mr. Varghese George, Co-ordinator, Asst. Professor of Statistics, St. Stephen's College, Pathanapuram
Mrs. Jayasree Thomas, Co-ordinator, Department of Mathematics, Assumption College, Changnacherry

Course Outcome

The 30 Hour course on Statistical tools using Excel and LaTeX Software for Project Preparation has been designed keeping in focus the following learning outcomes:

- ❖ Able to understand and apply mathematical and statistical functions using Excel.
- ❖ Manipulate and visualize the data in precise manner.
- ❖ Confidently prepare scientific documents and college projects in a formal way using LaTeX.
- ❖ Typeset figures, tables, symbols and formulae in ease .