



Department of Data Science

St. Joseph's College (Autonomous)

Tiruchirappalli – 620 002

ORGANIZES

SUMMER COURSES

May 20th - June 03 2021 | Online Mode

Dr.V.Arul Kumar

Course Title: Business Analytics using Tableau

Time :6.00 p.m to 7 p.m

Dr.I.Priya Stella Mary

Course Title: Data Science: Statistical Programming with R

Time :5.00 p.m to 6 p.m

Course Title: Advanced Excel

Time :4.00 p.m to 5 p.m

E-certificates

will be provided
to all the participants

Dr.M.Kriushanth

Course Title: PHP web application development

Time :8.00 p.m to 9 p.m



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Accredited at A++ Grade (4th Cycle) by NAAC
Special Heritage Status awarded by UGC
College with Potential for Excellence by UGC
DBT – STAR & DST – FIST sponsored College

Tiruchirappalli – 620 002, India.



Summer Course PHP Web Application Development

20th May – 3rd June, 2021 (15Hrs) From 8:00 pm to 9:00 pm

Through Virtual Mode

Scope of the Course

Many experts in top companies prefer PHP for web application development. PHP facilitates in rapid web application development by providing a basic structure. The features and tools provided by the PHP web frameworks help to create an appropriate application and customize it as per the need. At the end of this course, the participants will gain an in-depth knowledge on PHP open source applications, create numerous web applications and get the endless job opportunities around the world.

Open source applications used in PHP

- ✓ Content Management System (CMS)
- ✓ Learning Management System (LMS)
- ✓ Blog
- ✓ E Commerce
- ✓ CRM
- ✓ ERP

Resource Person: Dr. M. Kriushanth

**Assistant Professor in Data Science, St. Joseph's College (Autonomous),
Tiruchirappalli.**

Eligibility	:	Students / Scholars / Others
Duration	:	20.05.2021 to 03.06.2021 (15 Hours)
Time	:	08:00 pm to 9:00 pm
Fees	:	Rs. 300 for SJC Students / Rs. 500 for Others
Pre-Requisites	:	Basic knowledge on HTML, CSS and PHP
Registration link	:	https://qr.go.page.link/Ftd3E
Bank Account	:	0082053000044058
Number	:	
IFSC Code	:	SIBL0000082
MICR Code	:	620059002
Bank Name	:	South Indian Bank
Branch Name	:	Main Branch, Tiruchirappalli
Account Number	:	Society of St. Joseph's College

**For Further Details: Dr. M. Kriushanth, Assistant Professor, Department of Data Science.
9789169675**

E-Certificate will be provided to each participant upon completion of the course.



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Summer Course Data Science: Statistical Programming with R

20th May to 3rd June 2021 (15Hrs) From 5:00 pm to 6:00 pm

Through Virtual Mode

Scope of the Course

This course will introduce the basics of R programming. Basic exposure will also be given on how to apply general programming features and commands; how to wrangle, analyze and visualize data. The demand for skilled data science practitioners is rapidly growing, and this course prepares the participants to tackle real-world data analysis challenges.

This course covers the following topics

- Introduction to R
- Exploratory Data Analysis using R
- Basic Statistics using R
- Data manipulation
- Data visualization using R

Resource Person : Dr. I. Priya Stella Mary

Assistant Professor in Data Science, St. Joseph's College (Autonomous).

Eligibility	:	Students / Scholars / Others
Duration	:	20.05.2021 to 03.06.2021 (15 Hours)
Time	:	05:00 pm to 6:00 pm
Fees	:	Rs. 300 for SJC Students / Rs. 500 for non-SJC students
Pre-Requisites and statistics	:	Basics of any programming language, a basic knowledge of mathematics
Registration link	:	https://forms.gle/XiNuABn8W4sZfVJD8
Bank Account Number	:	0082053000044058
IFSC Code	:	SIBL0000082
MICR Code	:	620059002
Bank Name	:	South Indian Bank
Branch Name	:	Main Branch, Tiruchirappalli
Account Number	:	Society of St. Joseph's College

For Further Details: Dr. I.Priya Stella Mary, Department of Data Science. 9994572305

E-Certificates will be provided to all the participants upon completion of the course.



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Summer Course Advanced Excel

20th May to June 3rd 2021 (15Hrs) From 4:00 pm to 5:00 pm

Through Virtual Mode

Scope of the Course

A business nowadays needs the aid of various software and tools to manage and operate properly. The renowned tool that any business needs is Microsoft Office Excel. Excel is helping small, medium and large scale businesses to store, maintain and analyze data into meaningful information with its eminent set of qualities to execute functions and advanced excel formula. This course provides insights into the latest and advanced features available in Microsoft Excel to prepare charts, tables, and professional reports that involve complex data.

This course covers the following topics

- Introduction to Excel
- New features of Excel
- Powerful Data analysis using Excel

Resource Person: Dr. I. Priya Stella Mary

Assistant Professor in Data Science, St. Joseph's College

(Autonomous).

Seats Available: 100

Eligibility	:	Students / Scholars / Others
Duration	:	20.05.2021 to 03.06.2021 (15 Hours)
Time	:	04:00 pm to 5:00 pm
Fees	:	Rs. 300 for SJC Students / Rs. 500 for non-SJC students
Pre-Requisites	:	Good understanding of the basic features available in Microsoft Excel
Registration link	:	https://forms.gle/XiNuABn8W4sZfVJD8
Bank Account Number	:	0082053000044058
IFSC Code	:	SIBL0000082
MICR Code	:	620059002
Bank Name	:	South Indian Bank
Branch Name	:	Main Branch, Tiruchirappalli
Account Number	:	Society of St. Joseph's College

For Further Details: Dr. I. Priya Stella Mary, Department of Data Science. 9994572305

E-Certificates will be provided to all the participants upon completion of the course.



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Summer Course Business Analytics using TABLEAU

20th May -3rd June, 2021 (15Hrs) From 6:00 pm to 7:00 pm

Through Virtual Mode

Scope of the Course

Tableau is the fastest-growing data visualization and data analytics tool that facilitates in comprehending data. Its drag-and-drop interface makes it easy to sort, compare, and analyze data from multiple sources such as Excel, SQL Server, and cloud-based data repositories. This course is designed for the learner who is a beginner to Tableau Software. It will guide the basics of the Tableau and help creating data visualization. By the end of this course, the participants will be able to know the implications of data analysis, make decisions and take action based on the business data.

Course Content

- Install Tableau Desktop
- Tableau Basics
- Connecting with different data sources
- Worksheets
- Data Blending
- Filters
- Various Graphs and Charts
- Dashboards

Resource Person: Dr. V. ARUL KUMAR

Assistant Professor in Data Science, St. Joseph's College (Autonomous).

Eligibility	:	Students / Scholars / Others
Duration	:	20.05.2021 to 03.06.2021 (15 Hours)
Time	:	06:00 pm to 7:00 pm
Fees	:	Rs. 1000 for SJC Students / Rs. 1500 for non-SJC students
Pre-Requisites Connection.	:	Basic knowledge on Excel, Data Analysis, types of graphs and charts
Registration link	:	https://forms.gle/dYkzvantYGbTRT7y9
Bank Account Number	:	0082053000044058
IFSC Code	:	SIBL0000082
MICR Code	:	620059002
Bank Name	:	South Indian Bank
Branch Name	:	Main Branch, Tiruchirappalli
Account Number	:	Society of St. Joseph's College

e-Certificate will
be awarded on
the completion of
the course.

For Further Details: Dr. M. Kriushanth, Asst.Prof, Department of Data Science. 9789169675