

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR WOMEN**

(Affiliated to Periyar University)

Mookandapalli, Hosur-635126.



**CERTIFICATE**

This is to certify that the Internship entitled

**PYTHON PROGRAMMING AND BASICS OF DATA SCIENCE**

is a bonafide work done by

**ANBARASIN**

**[REG. NO: C22PG152MAT001]**

partial fulfillment of the requirements for the degree of Master of Science in Mathematics

affiliated to Periyar University Salem-11, during the end of the academic year 2022-2023.

*M. Murali*

Internal Guide

s. M. Shobana Priya, M.Sc., M.Phil.,

External Guide

S. Sudha Mercy M.E., (Ph.D.)

*[Signature]* 2.11.2023

Head of the Department

Mrs. B.K. Jaleesha, M.Sc., M.Phil., B.Ed., (Ph.D.)

**Head and Assistant Professor**  
**Department of Mathematics**

**St. Joseph's College of Arts and Science for Women**

Submitted for the viva-voce examination held on 15.11.2023 at

St. Joseph's College of Arts and Science for Women, Hosur.

*M. Murali*

Internal examiner

External examiner

# PERIYAR UNIVERSITY

## INTERNSHIP TRAINING REPORT

### PG STUDENTS- 2<sup>nd</sup> YEAR- 3<sup>rd</sup> SEMESTER

Name of the candidate	ANBARASIN
University Examination Registration Number	C22PG152MAT001
Name of the college	ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR WOMEN.
Name of the Department/ Degree	M.Sc., MATHEMATICS
Name of the Industry/ Institute in which Internship Training undergone	JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDUR, CHENNAI.
Guide/ Supervisor under whom the training undertaken	Ms. S SUDHA MERCY, M.E., (Ph.D.)
Title of the Training	PYTHON PROGRAMMING
The brief output of training	(ENCLOSED)
Conclusion	WORK WITH DATA ANALYSIS OF PYTHON AND PANDAS PACKAGES.
The outcome of the training	READ AND WRITE DATA FROM/ TO FILES IN PYTHON PROGRAMS.

*N. Anbarasi*

Signature of the Student

*M. Sudha Mercy*

Signature of the Guide

*M. S. S. S.* 11-2-2023  
Head of the Department

Head and Assistant Professor  
Department of  
St. Joseph's College of Arts & Science for Women  
SIPCOT, Hosur - 560 026.

Principal



**JEPPIAAR INSTITUTE OF TECHNOLOGY**

*Empowering the future through technology*



**St. Joseph's College Of Arts And Science For Women**

**DATE :04.09.2023**

**TO WHOM IT MAY CONCERN**

This is to certify Mr/Ms **ANBARASI N** Register number  
**C22PG152MAT001** Student of **St. Joseph's College of Arts and Science**  
for **Women, Hosur** has successfully completed value added course on  
**Python Programming and Basics of Data Science** from **01.06.2023** to  
**19.08.2023** at **JEPPIAAR INSTITUTE OF TECHNOLOGY**. During the  
period the students was competent ,intellectual and punctual.

**Dr.S Shenbega Ezhil**  
**CO-ORDINATOR**

**Dr.L.M.Merlin Livingston**  
**PRINCIPAL**

**St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR WOMEN**

(Affiliated to Periyar University)

Mookandapalli, Hosur-635126.



**CERTIFICATE**

This is to certify that the Internship entitled

**PYTHON PROGRAMMING AND BASICS OF DATA SCIENCE**

is a bonafide work done by

**EVANJALIN MARIA.S**

**[REG. NO: C22PG152MAT002]**

In partial fulfillment of the requirements for the degree of Master of Science in Mathematics  
affiliated to Periyar University Salem-11, during the end of the academic year 2022-2023.

*M. Mendi*  
Internal Guide

Mrs. M. Shobana Priya, M.Sc., M.Phil.,

External Guide

S. Sudha Mercy M.E., (Ph.D.)

*[Signature]* 12.11.2023  
Head of the Department

Mrs. B.K. Jaleesha, M.Sc., M.Phil., B.Ed., (Ph.D.)

**Head and Assistant Professor**  
**Department of Mathematics**

Submitted for the viva-voce examination held on 15.11.2023 at  
St. Joseph's College of Arts and Science for Women, Hosur.

*M. Mendi*  
Internal examiner

External examiner

# PERIYAR UNIVERSITY

## INTERNSHIP TRAINING REPORT

### PG STUDENTS- 2<sup>nd</sup> YEAR- 3<sup>rd</sup> SEMESTER


	Name of the candidate	EVANJALIN MARIA.S
2	University Examination Registration Number	C22PG152MAT002
3	Name of the college	St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR WOMEN.
4	Name of the Department/ Degree	M.Sc., MATHEMATICS
5	Name of the Industry/ Institute in which Internship Training undergone	JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDUR, CHENNAI.
6	Guide/ Supervisor under whom the training undertaken	Ms. S SUDHA MERCY, M.E., (Ph.D.)
7	Title of the Training	PYTHON PROGRAMMING
8	The brief output of training	(ENCLOSED)
9	Conclusion	WORK WITH DATA ANALYSIS OF PYTHON AND PANDAS PACKAGES.
10	The outcome of the training	READ AND WRITE DATA FROM/ TO FILES IN PYTHON PROGRAMS.

S. Evanjalín Maria.

Signature of the Student

M. Murali.

Signature of the Guide

  
12.11.2023  
Head of the Department  
Head and Assistant Professor  
Department of Mathematics  
St. Joseph's College of Arts and Science  
T. Hosur - 635 120.

Principal



**JEPPIAAR INSTITUTE OF TECHNOLOGY**

*Self belief, Self discipline, Self respect*



**St. Joseph's College Of Arts And Science For Women**

**DATE :04.09.2023**

**TO WHOM IT MAY CONCERN**

This is to certify Mr/Ms **EVANJALIN MARIA S** Register number **C22PG152MAT002** Student of **St. Joseph's College of Arts and Science for Women, Hosur** has successfully completed value added course on **Python Programming and Basics of Data Science** from **01.06.2023 to 19.08.2023** at **JEPPIAR INSTITUTE OF TECHNOLOGY**.  
During the period the students was competent ,intellectual and punctual.

**Dr.S Shenbega Ezhil**  
**CO-ORDINATOR**

**Dr.L.M.Merlin Livingston**  
**PRINCIPAL**

# PERIYAR UNIVERSITY

## INTERNSHIP TRAINING REPORT

### PG STUDENTS- 2<sup>nd</sup> YEAR- 3<sup>rd</sup> SEMESTER

1	Name of the candidate	VISHNUPRIYA.K
2	University Examination Registration Number	C22PG152MAT004
3	Name of the college	St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR WOMEN.
4	Name of the Department/ Degree	M.Sc., MATHEMATICS
5	Name of the Industry/ Institute in which Internship Training undergone	JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDUR, CHENNAI.
6	Guide/ Supervisor under whom the training undertaken	Ms. S SUDHA MERCY, M.E., (Ph.D.)
7	Title of the Training	PYTHON PROGRAMMING
8	The brief output of training	(ENCLOSED)
9	Conclusion	WORK WITH DATA ANALYSIS OF PYTHON AND PANDAS PACKAGES.
10	The outcome of the training	READ AND WRITE DATA FROM/ TO FILES IN PYTHON PROGRAMS.

*Vishnupriya*

Signature of the Student

*M. Murali*

Signature of the Guide

*[Signature]* 2.11.2023  
Head of the Department  
Head and Assistant Professor  
Department of Mathematics  
St. Joseph's College of Arts and Science for Women  
Hosur - 635 126.

Principal

# PYTHON PROGRAMMING AND BASICS OF DATA SCIENCE

**St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR WOMEN**

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Mookandapalli, Hosur-635126.



## CERTIFICATE

This is to certify that the Internship entitled

**PYTHON PROGRAMMING AND BASICS OF DATA SCIENCE**

is a bonafide work done by

**VISHNUPRIYA.K**

**[REG. NO: C22PG152MAT004]**

In partial fulfillment of the requirements for the degree of Master of Science in Mathematics  
affiliated to Periyar University Salem-11, during the end of the academic year 2022-2023.

*M. Shobana Priya*

Internal Guide

Mrs. M. Shobana Priya, M.Sc., M.Phil.,

External Guide

S. Sudha Mercy M.E., (Ph.D.)

*[Signature]* 2.11.2023

Head of the Department

Mrs. B.K. Jaleesha, M.Sc., M.Phil., B.Ed., (Ph.D.)

**Head and Assistant Professor**  
**Department of Mathematics**

Submitted for the viva-voce examination held on \_\_\_\_\_ at  
St. Joseph's College of Arts and Science for Women, Hosur.

*M. Shobana Priya*

Internal examiner

External examiner



**JEPPIAAR INSTITUTE OF TECHNOLOGY**

*of excellence in education, research and innovation*



**St. Joseph's College Of Arts And Science For Women**

**DATE :04.09.2023**

**TO WHOM IT MAY CONCERN**

This is to certify Mr/Ms **VISHNUPRIYA K** Register number  
**C22PG152MAT004** Student of **St. Joseph's College of Arts and  
Science for Women, Hosur** has successfully completed value added  
course on **Python Programming and Basics of Data Science** from  
**01.06.2023 to 19.08.2023** at **JEPPIAR INSTITUTE OF TECHNOLOGY**.  
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**Dr.L.M.Merlin Livingston**  
**PRINCIPAL**

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## CERTIFICATE

This is to certify that the Internship entitled

### **PYTHON PROGRAMMING AND BASICS OF DATA SCIENCE**

is a bonafide work done by

**NIVETHA.P**

**[REG. NO: C22PG152MAT003]**

In partial fulfillment of the requirements for the degree of Master of Science in Mathematics  
affiliated to Periyar University Salem-11, during the end of the academic year 2022-2023.

*M. Murali*

Internal Guide

Mrs. M. Shobana Priya, M.Sc., M.Phil.,

External Guide

S. Sudha Mercy M.E., (Ph.D.)

*M. B.K. Jaleesha*  
2-11-2023

Head of the Department

Mrs. B.K. Jaleesha, M.Sc., M.Phil., B.Ed., (Ph.D.)

Head and Assistant Professor

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Submitted for the viva-voce examination on \_\_\_\_\_ at

St. Joseph's College of Arts and Science for Women, Hosur.

*M. Murali*

Internal examiner


External examiner


# PERIYAR UNIVERSITY


## INTERNSHIP TRAINING REPORT

### PG STUDENTS- 2<sup>nd</sup> YEAR- 3<sup>rd</sup> SEMESTER

Name of the candidate	NIVETHA.P
University Examination Registration Number	C22PG152MAT003
Name of the college	St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE FOR WOMEN.
Name of the Department/ Degree	M.Sc., MATHEMATICS
Name of the Industry/ Institute in which Internship Training undergone	JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDUR, CHENNAI.
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Signature of the Student

  
Signature of the Guide

  
Head of the Department  
Head and Assistant Professor  
Department of Mathematics  
St. Joseph's College of Arts and Science for Women  
SIPCOT, Hosur - 635 126.

Principal



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*Self-trust, Self-discipline, Self-respect*



**St. Joseph's College Of Arts And Science For Women**

**DATE :04.09.2023**

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This is to certify Mr/Ms **NIVETHA P** Register number

**C22PG152MAT003** Student of **St. Joseph's College of Arts and**

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**PRINCIPAL**