



# **ST. ANNE'S DEGREE COLLEGE FOR WOMEN**

Permanently Affiliated to Bengaluru City University  
Recognized by UGC under Section 2(f), Accredited with 'A' Grade by NAAC  
ISO 9001:2015 Certified Institution  
#23, Cambridge Road, Halasuru, Bangalore- 560008



## **CRITERION I – CURRICULAR ASPECTS**

### **1.2 Academic Flexibility**

#### **1.2.2 How many Add on / Certificate programs are added during the year**



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## **CRITERION I – CURRICULAR ASPECTS**

### **1.2.2 Broacher or any other document relating to Add on / Certificate program**

#### **Checklist**

<b>Sl.No</b>	<b>Particulars</b>
<b>1</b>	<b>MOU</b>
<b>2</b>	<b>Syllabus</b>
<b>3</b>	<b>Attendance</b>
<b>4</b>	<b>Timetable</b>



MEMORANDUM OF UNDERSTANDING

BETWEEN

St ANNE'S DEGREE COLLEGE FOR WOMEN, BANGALORE

AND

TECH BRAINTREE PVT LTD,



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#### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (the "MoU") is entered on this day 5th June 2021 (The "Effective Date") between **St. Anne's degree college for women** at Bangalore (Hereinafter referred to as "**St. Anne's degree college for women**") having its office Cambridge Road, Bengaluru, Karnataka 560008 OF THE FIRST PART represented by, Secretary -**St. Anne's Degree College for Women DR. REV. Sr. MARGARET FATIMA MARY** and **TECH BRAINTREE** Pvt Ltd H.O Nithyanand Enclave # 29 Behind Ashwini Choultry, Srirampur 2<sup>nd</sup> stage Mysore-570023 (hereafter referred as "Tech Braintree ") OF THE SECOND PART, represented by Mr. Samuel Kalpal, its Vice President.

**St. Anne's degree college for women** and **Tech Braintree** are individually referred to as "Party" and collectively as the "Parties".

WHEREAS, by way of this MoU and any other agreement that the Parties may enter into subsequently, the Parties have agreed to jointly conduct activities related to Manpower Development (Training) in the area of PDP/EXCEL/Business Analytics.

WHEREAS, TechBraintree Pvt Ltd a consulting and services provider in sales, marketing, channels and training. As a part of Student development program Tech Braintree has Designed course SAP/R/Excel/PDP/Business Analytics course using SAS Tool, Descriptive and Predictive specifically designed for colleges and Universities

In pursuance of the aforesaid, the Parties hereto wish to record under this Memorandum of Understanding (MoU), the terms of their mutual understanding.

#### NOW THEREFORE THE PARTIES HERETO AGREE AS UNDER:

1. That this Memorandum of Understanding will be for a period of **1 (one) year (2021 - 2022)** with effect from the date of signing of this MoU (the "Term"). On the expiry of the said Term, the Parties may renew this MoU for a further period of 1 (one) year, with mutual written consent.
2. The roles and responsibilities of the Parties during the course of this collaboration shall broadly include the following aspects:
  - a. Education & Training
    - i. Tech Braintree would conduct the following courses for the students of **St. Anne's degree college for women**
      1. Business Analytics using Base SAS.
      2. Business Analytics using Advance SAS.



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3. Big data using Hadoop/R/Python.
4. Personality Development Program.
5. Banking (SSC CGL) .
6. Advanced Excel.
7. Soft Skills.

ii. Total hours (above mentioned course) – 40 hrs.

Tech Braintree training hours – 40 hrs. (15-20 Days continuous)

Venue: College Campus. Courseware and Certificate – Tech Braintree.

iii. The training to be conducted for all the students of **St. Anne's degree college for women** across all discipline. Total Number of students to undergo training **depends** on the student enrollment in the college for respective course (Each year). There may be a Variation in the students Number, as per the enrollment

Batch size: 60-80 students per batch.

Fees: INR 6000/- inclusive of tax per student. (INR Six Thousand Rupees only per student).

**St. Anne's Degree college for women** to make 50% payment in advance to **Tech Braintree** and 50 % after the course completion.

**St. Anne's degree college for women**, to schedule the batches in consultation with Tech Braintree.

iv. Features of this program:

- E Courseware from SAS Corp U.S.A/Python/R/Excel/PDP.
- Certificate from Tech Braintree.
- SAS Certified Trainers.
- SAS Case Studies.
- Placement Assistance.

b. Any other area of mutual interest that may be decided by the Parties, from time to time.

3. Both Parties agree that all decisions between **Tech Braintree** and

**St. Anne's degree college for women**, shall be carried out after mutual discussion, agreement and written consent.



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4. Both **Tech Braintree** and **St. Anne's degree college for women** agree to respect and abide by each other's regulations, policies, stipulation and shall observe good commercial practice.
5. This MoU can be terminated by either of the Parties by giving the other Party three months written notice. It is clarified that during the period of notice, the Parties shall be bound by the terms and conditions of this MoU and shall fulfill all outstanding obligations.
6. Each Party agrees to nominate a qualified representative from the appropriate domain and the nominated representatives shall work as team for an effective liaison and successful implementation of this MoU.
7. This MoU supersedes all prior understandings, if any, between the Parties concerning the subject hereof.
8. No amendments to the MoU shall be valid unless executed in writing and signed by both Parties.
9. That this MoU shall be in all respects be interpreted, enforced and governed under the laws of India.
10. Notices under this MoU shall be in writing and will take effect from receipt at the address as notified by each Party. Delivery can be made through post/email/courier against a written confirmation of receipt. Designation of the authorized representative of each Party, their respective addresses and other contacts are given herein below:

(a) **SAMUEL KALPAL (SAMSON)**

**Tech Braintree Pvt Ltd H.O Nithyanand Enclave  
# 29 behind Ashwini Choultry, Srirampur 2<sup>nd</sup> stage  
Mysore-570023.**

(b) **DR. REV. Sr. MARGARET FATIMA MARY**

**Secretary, St. Anne's degree college for women  
Cambridge Road, Bengaluru, Karnataka 560018**

IN WITNESS WHEREOF the Parties hereto have carefully gone through the contents of the Memorandum of Understanding (MoU) and have signed and put their seals on the aforesaid MoU and agreed to abide by the terms and conditions as laid down therein in totality have signed this MoU as of the day and year first above written.



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**Signatories:**

1. For Tech Braintree Pvt. Ltd.

  
TECHBRAINTREE PVT. LTD.  
Represented by Mr. SAMUEL MYSORE

2. For St Anne's degree college for women.

  
Represented by DR. REV. Sr. MARGARET FATIMA MARY

**Witness:**

1. Mr Rakesh

\_\_\_\_\_  
Technical Head, Tech Braintree Pvt. Ltd.

2. Mr. Anil Kumar M (MCA,MBA)

  
\_\_\_\_\_  
Operations Head Techbraintree



**TBT**

**TECH BRAIN TREE**

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MEMORANDUM OF UNDERSTANDING

BETWEEN

St ANNE's Degree COLLEGE for Women, BANGALORE

AND

Tech Braintree Pvt Ltd,

Corporate Office :

MRN Arcade, # 106/1, Madhuvana Layout,

LIC Colony, Srirampura 2nd Stage, MYSORE-570023. Ph. : 0821-2363555, 7337722125



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#### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (the "MoU") is entered on this day 29th May, 2021 (The "Effective Date") between St Anne's Degree College for Women at Bangalore (Hereinafter referred to as "St Anne's College") having its office at #23, Cambridge Road, Halasuru, Bangalore – 560 008 OF THE FIRST PART represented by, Secretary -Society of Sisters of St. Anne, Rev. Sr. Dr. Margaret Fatima Mary and Tech Braintree Pvt Ltd H.O Nithyanand Enclave # 29 Behind Ashwini Choultry, Srirampura 2<sup>nd</sup> stage Mysore-570023 (hereafter referred as "Tech Braintree ") OF THE SECOND PART, represented by Mr. Samson , its Vice President.

St Anne's college and Tech Braintree are individually referred to as "Party" and collectively as the "Parties".

WHEREAS, by way of this MoU and any other agreement that the Parties may enter into subsequently, the Parties have agreed to jointly conduct activities related to Manpower Development (Training) in the area of Business Analytics.

WHEREAS, St Anne's degree college is one of the leading academic institutions. The Society of sisters of St. Anne was started by a young widow Thatipathri Gnanamma in the year 1863 with a small school at Kilacheri-Tamilnadu. Today it's a large center of education with multiple disciplines of BCom, BBM, BCA, B.A, and B.Sc. and been taught. Hence, the students from multi discipline can leverage from this MOU


WHEREAS, TechBraintree Pvt Ltd a consulting and services provider in sales, marketing, channels and training. As a part of Student development program Tech Braintree has Designed Business Analytics course using SAS Tool, Descriptive and Predictive specifically designed for colleges and Universities

In pursuance of the aforesaid, the Parties hereto wish to record under this Memorandum of Understanding (MoU), the terms of their mutual understanding.

#### NOW THEREFORE THE PARTIES HERETO AGREE AS UNDER:

1. That this Memorandum of Understanding will be for a period of **1 (one) year (2021 - 2022 )** with effect from the date of signing of this MoU (the "Term"). On the expiry of the said Term, the Parties may renew this MoU for a further period of 1 (one) year, with mutual written consent.

2. The roles and responsibilities of the Parties during the course of this collaboration shall broadly include the following aspects:

  
SECRETARY  
St. Anne's Degree College for Women  
#23, Cambridge Road, Halasuru,  
Bangaluru - 560 008.

  
TECHBRAINTREE PVT. LTD.  
2 | MYSORE

Corporate Office :  
MRN Arcade, # 106/1, Madhuvana Layout,  
LIC Colony, Srirampura 2nd Stage, MYSORE-570023. Ph. : 0821-2363555, 7337722125



**TBT**  
TECH BRAIN TREE

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a. Education & Training

i. Tech Braintree would conduct the following courses for the students of St Anne's Degree College for women, Bangalore.

1. Business Analytics using Base SAS.
2. Business Analytics using Advance SAS.
3. Big data using Hadoop/R/Python.
4. Personality Development Program.
5. Banking (SSC CGL) .
6. Advanced Excel.
7. Soft Skills.

ii. Total hours (above mentioned course) – 70 hrs.

Tech Braintree training hours – 30 hrs. (10 Days continuous)

Laboratory practice – 40 hrs.

Venue: College Campus. ECourseware and Certificate – Tech Braintree.

iii. The training to be conducted for all the final year students of St Anne's Degree College for women across all discipline. Total Number of students to undergo training 350 (Each year). There may be a Variation in the students Number, as per the enrollment

Batch size: 60 students per batch.

Fees: INR 2000/- inclusive of tax per student. (INR Two Thousand only per student).

St Anne's degree college for women to make 50% payment in advance to Tech Braintree and 50 % after the course completion.

St Anne's degree college for women ,to schedule the batches in consultation with Tech Braintree.

iv. Features of this program:

- E Courseware from SAS Corp U.S.A/Python/R/Excel/PDP.
- Certificate from Tech Braintree.
- SAS Certified Trainers.

Corporate Office :

MRN Arcade, # 106/1, Madhuvana Layout,

LIC Colony, Srirampura 2nd Stage, MYSORE-570023. Ph. : 08212363555, 7337722125

St. Anne's Degree College for Women

#23, Cambridge Road, Halasuru,

MYSORE-570023

SECRETARY

TECHBRAINTREE PVT. LTD.

MYSORE

Page



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- SAS Case Studies.
- Placement Assistance.

b. Any other area of mutual interest that may be decided by the Parties, from time to time.

3. Both Parties agree that all decisions between Tech Braintree and St Anne's degree college for women ,shall be carried out after mutual discussion, agreement and written consent.

4. Both Tech Braintree and St Anne's degree college for women agree to respect and abide by each other's regulations, policies, stipulation and shall observe good commercial practice.

5. This MoU can be terminated by either of the Parties by giving the other Party three months written notice. It is clarified that during the period of notice, the Parties shall be bound by the terms and conditions of this MoU and shall fulfill all outstanding obligations.

6. Each Party agrees to nominate a qualified representative from the appropriate domain and the nominated representatives shall work as team for an effective liaison and successful implementation of this MoU.

7. This MoU supersedes all prior understandings, if any, between the Parties concerning the subject hereof.

8. No amendments to the MoU shall be valid unless executed in writing and signed by both Parties.

9. That this MoU shall be in all respects be interpreted, enforced and governed under the laws of India.

10. Notices under this MoU shall be in writing and will take effect from receipt at the address as notified by each Party. Delivery can be made through post/email/courier against a written confirmation of receipt. Designation of the authorized representative of each Party, their respective addresses and other contacts are given herein below:

SECRETARY

St. Anne's Degree College for Women  
#23, Cambridge Road, Halasuru,  
Bengaluru - 560 008.

TECHBRAINTREE PVT. LTD.  
MYSORE

4 | Page

Corporate Office :  
MRN Arcade, # 106/1, Madhuvana Layout,  
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(a) **SAMUEL KALPAL (SAMSON)**

Tech Braintree Pvt Ltd H.O Nithyanand Enclave  
# 29 behind Ashwini Choultry, Srirampura 2<sup>nd</sup> stage  
Mysore-570023.

(b) **Rev. Sr. Dr. Margaret Fatima Mary**

Secretary ,St. Anne's Degree College for Women  
#23, Cambridge Road, Halasuru, Bangalore – 560 008.


IN WITNESS WHEREOF the Parties hereto have carefully gone through the contents of the Memorandum of Understanding (MoU) and have signed and put their seals on the aforesaid MoU and agreed to abide by the terms and conditions as laid down therein in totality have signed this MoU as of the day and year first above written.

**Signatories:**

1. For Tech Braintree Pvt. Ltd.

  
\_\_\_\_\_  
Represented by Mr. SAMUEL KALPAL  
**TECHBRAINTREE PVT. LTD.**  
**MYSORE**

2. For St Anne's degree college for women.


  
\_\_\_\_\_  
Represented by **Rev. Sr. Dr. Margaret Fatima Mary**  
**St. Anne's Degree College for Women**  
**#23, Cambridge Road, Halasuru,**  
**Bengaluru - 560 008.**

**Witness:**

1. Mr Rakesh

\_\_\_\_\_  
Technical Head, Tech Braintree Pvt. Ltd.

2. Mr. Anil Kumar M (MCA,MBA)

  
\_\_\_\_\_  
Ast.Prof, St. Anne's Degree College for Women.

# **Department of Commerce**

**Add-on Programme**

**for**

**V<sup>th</sup> Semester B.Com**



# St. Anne's Degree College for Women

Affiliated to Bengaluru City University Recognized by UGC under Section (2f),  
Accredited by NAAC 'A' Grade, ISO 9001: 2015 Certified Institution  
Halasuru, Bengaluru - 560008

## Department of Commerce

### Circular

1<sup>st</sup> October 2021

The students of IB.com are hereby informed that Add-on Programme for the academic year 2021-2022 is scheduled from 4<sup>th</sup> October 2021 to 25<sup>th</sup> October 2021.

**Timings:** 09:00 am to 12:00 pm

**Venue:** AV Hall

**“ Attendance is Compulsory”**

*Anulla*

**HOD**

**Department of Commerce**  
Head of the Department  
Department of Commerce  
St. Anne's Degree College for Women  
#23, Cambridge Road, Halasuru  
Bengaluru - 560 008



*Nisla Joseph*

**Principal**

**PRINCIPAL**  
**St. Anne's Degree College**  
**For Women**  
# 23, Cambridge Road, Halasuru  
Bangalore - 560 008.

# **ADD-ON SYLLABUS**

## **B.COM/BBA/BA**

### **CHAPTER 1- GETTING ACQUAINTED WITH EXCEL**

- 1.1- About Excel
- 1.2- The Excel Environment
- 1.3- The Title Bar
- 1.4- The Ribbon
- 1.5- Scroll Bars
- 1.6- The Microsoft Office Button
- 1.7- The Quick Access Toolbar
- 1.8- The Formula Bar
- 1.9- The Workbook Window
- 1.10- The Status Bar
- 1.11- The Workbook View Buttons
- 1.12- The Zoom Slider
- 1.13- The Mini Toolbar
- 1.14- Keyboard Shortcuts

### **CHAPTER 2- CREATING BASIC WORK- BOOKS**

- 2.1- Creating New Workbooks
- 2.2- Saving Workbooks
- 2.3- Closing Workbooks
- 2.4- Opening Workbooks
- 2.5- Selecting Cells
- 2.6- Entering Text into Cells
- 2.7- Entering Numbers into Cells
- 2.8- AutoComplete
- 2.9- Pick from Drop-Down List
- 2.10- Using the "Window" Command Group
- 2.11- Switching to Full Screen View
- 2.12- Renaming Workbooks
- 2.13- Working with Excel File Formats

### **CHAPTER 3- USING RANGES**

- 3.1- Selecting Ranges
- 3.2- Ranged Data
- 3.3- Using AutoFill

## **CHAPTER 4- CREATING FORMULAS**

- 4.1- Ranged Formula Syntax
- 4.2- Simple Formula Syntax
- 4.3- Writing Formulas
- 4.4- Using AutoSum
- 4.5- Inserting Functions
- 4.6- Editing a Range
- 4.7- Formula AutoCorrect
- 4.8- AutoCalculate

## **CHAPTER 5- COPYING & PASTING FORMU- LAS**

- 5.1- Relative References and Absolute References
- 5.2- Cutting, Copying & Pasting Data
- 5.3- Auto Filling
- 5.4- The Undo Button
- 5.5- The Redo Button

## **CHAPTER 6- COLUMNS & ROWS**

- 6.1- Selecting Columns and Rows
- 6.2- Adjusting Column Width and Row Height
- 6.3- Hiding and Unhiding Columns and Rows
- 6.4- Inserting and Deleting Columns and Rows

## **CHAPTER 7- FORMATTING WORKSHEETS**

- 7.1- Formatting Cells
- 7.2- The Format Cells Dialog Box
- 7.3- Clearing All Formatting from Cells
- 7.4- Copying All Formatting from Cells to Another Area

## **CHAPTER 8- WORKSHEET TOOLS**

- 8.1- Moving between Worksheets
- 8.2- Selecting Multiple Worksheets
- 8.3- Inserting and Deleting Worksheets
- 8.4- Renaming Worksheets
- 8.5- Coloring Worksheet Tabs
- 8.6- Copying or Moving Worksheets

## **CHAPTER 9- SETTING WORKSHEET LAY- OUT**

- 9.1- Using Page Break Preview
- 9.2- Using the Page Layout View
- 9.3- The Page Setup Dialog Box

## **CHAPTER 10- PRINTING WORKSHEETS**

10.1- Using Print Preview

10.2- Printing Worksheets

## **CHAPTER 11- HELPING YOURSELF**

11.1- Using Excel Help

## **CHAPTER 12- 3D FORMULAS**

12.1- Creating 3D Formulas

12.2- 3D Formula Syntax

12.3- Creating 3D Range References

## **CHAPTER 13- NAMED RANGES**

13.1- Naming Ranges

13.2- Creating Names from Headings

13.3- Moving to a Named Range

13.4- Using Named Ranges in Formulas

13.5- Naming 3D Ranges

13.6- Managing Named Ranges

## **CHAPTER 14- CONDITIONAL FORMATTING AND CELL STYLES**

14.1- Conditional Formatting

14.2- Finding Cells with Conditional Formatting

14.3- Clearing Conditional Formatting

14.4- Using Table and Cell Styles

## **CHAPTER 15- PASTE SPECIAL**

15.1- Using Paste Special

15.2- Pasting Linked Formulas

## **CHAPTER 16- SHARING WORKBOOKS**

16.1- Sharing Workbooks

16.2- Highlighting Changes

16.3- Reviewing Changes

16.4- Using Comments

16.5- Compare and Merge Workbooks

## **CHAPTER 17- AUDITING WORKSHEETS**

17.1- Auditing Worksheets

17.2- Tracing Precedent and Dependent Cells

17.3- Tracing Errors

## **CHAPTER 18- OUTLINING WORKSHEETS**

18.1 Using Outlines

18.2 Applying and Removing Outlines

## **CHAPTER 19- CONSOLIDATING WORK- SHEETS**

19.1- Consolidating Data

## **CHAPTER 20- CREATING WORKSHEET CHARTS**

20.1- Creating Charts

20.2- Selecting Charts and Chart Elements

20.3- Moving and Resizing Charts

20.4- Changing the Chart Type

20.5- Changing the Data Range

20.6- Switching Column and Row Data

20.7- Choosing a Chart Layout

20.8- Choosing a Chart Style

20.9- Printing Charts

20.10- Deleting Charts

## **CHAPTER 21- EDITING AND FORMATTING CHARTS**

21.1- Formatting Chart Objects

21.2- Inserting Objects into a Chart

21.3- Changing Chart Labels

21.4- Changing Axes Display

21.5- Changing the Chart Background

21.6- Applying Chart Analysis Lines

21.7- Naming Charts

21.8- Applying Shape Styles to Chart Elements

21.9- Applying WordArt Styles to Chart Elements

21.10- Saving Custom Chart Templates

## **CHAPTER 22- PIVOTTABLES**

22.1- Creating PivotTables and PivotCharts

22.2- Manipulating a PivotTable

22.3- Changing Calculated Value Fields

22.4- Applying PivotTable Styles

22.5- Creating a PivotChart

## **CHAPTER 23- TABLES**

- 23.1- Creating a Table
- 23.2- Adding and Editing Records
- 23.3- Inserting Records and Fields
- 23.4- Deleting Records and Fields

## **CHAPTER 24- SORTING DATA**

- 24.1- Sorting Data
- 24.2- Custom Sort Orders

## **CHAPTER 25- FILTERING DATA**

- 25.1- Using AutoFilters
- 25.2- Using the Top 10 AutoFilter
- 25.3- Applying a Custom AutoFilter
- 25.4- Creating Advanced Filters
- 25.5- Applying Multiple Criteria
- 25.6- Using Complex Criteria
- 25.7- Copying Filtered Results to a New Location
- 25.8- Using Database Functions

## **CHAPTER 26- USING WHAT-IF ANALYSIS**

- 26.1- Using Data Tables
- 26.2- Using Scenario Manager
- 26.3- Using Goal Seek

## **CHAPTER 27- TABLE-RELATED FUNCTIONS**

- 27.1- The Hlookup and Vlookup Functions
- 27.2- Using the IF, AND, and OR Functions

## **CHAPTER 28- SECURITY FEATURES**

- 28.1- Unlocking Cells
- 28.2- Worksheet Protectio
- 28.3- Workbook Protection
- 28.4- Password Protecting Excel Files

## **CHAPTER 29- MAKING MACROS**

- 29.1- Recording Macros
- 29.2- Running and Deleting Recorded Macros
- 29.3- The Personal Macro Workbook



**Head of the Department**  
Department of Commerce  
**St. Anne's Degree College for Women**  
#23, Cambridge Road, Halasuru  
Bengaluru - 560 008



**PRINCIPAL**  
**St. Anne's Degree College**  
**For Women**  
# 23, Cambridge Road, Halasuru,  
Bangalore - 560 008.



# ST. ANNE'S DEGREE COLLEGE FOR WOMEN

Permanently Affiliated to Bengaluru City University  
Recognized by UGC under Section 2(F), Accredited with 'A' Grade by NAAC  
ISO 9001:2015 Certified Institution  
#23, Cambridge Road, Halasuru, Bangalore - 560008



## DEPARTMENT OF COMMERCE ADD-ON REPORT 2021-2022

### ➤ V Semester

For the academic year 2021-2022, add-on programme was organized for the 5<sup>th</sup> semester B.Com students from 4<sup>th</sup> October 2021 to 25<sup>th</sup> October 2021, every day between 9:00 am to 3:30 pm. The total number of students participated in the programme is 224.

The programme was conducted as two sessions. First session being Financial Analytics and second session Career Guidance.

Financial analytics was conducted in computer lab and the resource person for the session was Mr. Anil Kumar, faculty-Department of Commerce- PG.

Career Guidance was conducted in B.com Classroom and the resource person for the session was Mr. Prem Kumar. MP, behavioral trainer and psychologist.

Topics covered under Financial analytics -- SQL, creation of table, columns, rows; SAS - storing data, creating reports, maps, SAS windows; EXCEL – creating tables, rows, columns, conditional formatting, filters and advance filters, highlighting cells.

Topics covered under Career Guidance – communication skills, interpersonal skills, self-grooming, interview skills and time management.

### TIME TABLE

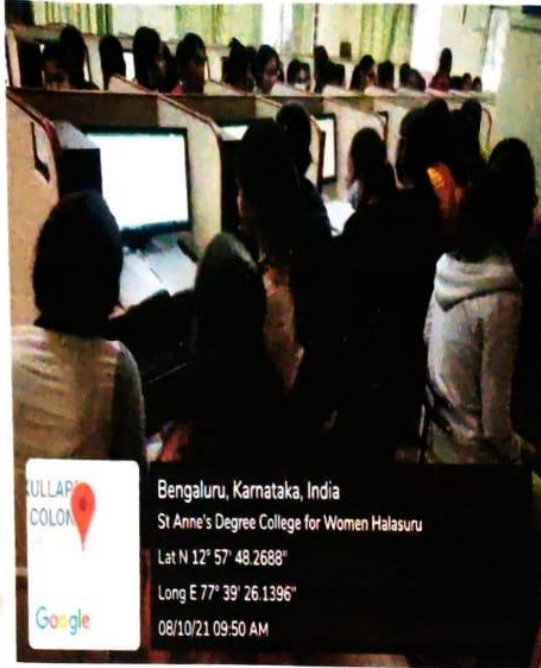
Start Date	End Date	Course Title	Venue	Course	Timing
04-10-2021	25-10-2021	Financial Analytics	Computer Lab	V Sem B.com	9:00 am – 12:00 pm
04-10-2021	25-10-2021	Career Guidance	B.com Class	V Sem B.com	12:30 pm – 03:30 pm



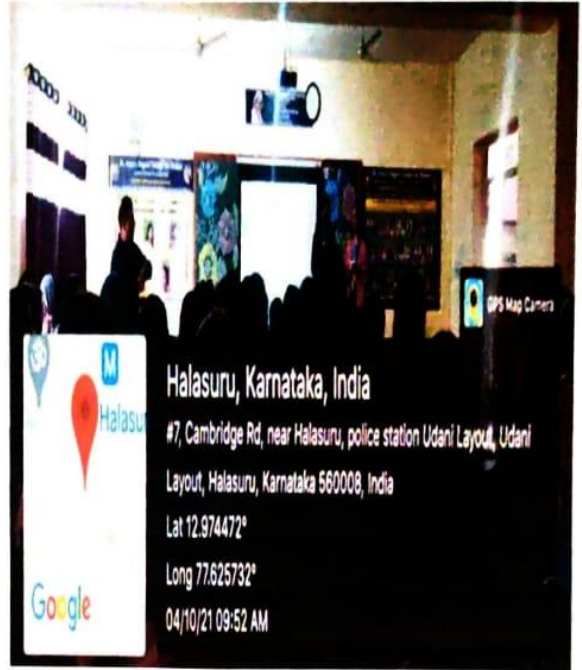
*Anil*  
**Head of the Department**  
Department of Commerce  
St. Anne's Degree College for Women  
#23, Cambridge Road, Halasuru  
Bengaluru - 560 008



*Nite. Sojil*  
**PRINCIPAL**  
St. Anne's Degree College  
For Women  
#23, Cambridge Road, Halasuru  
Bengaluru - 560 008.



KULLAR  
COLOR  
Bengaluru, Karnataka, India  
St Anne's Degree College for Women Halasuru  
Lat N 12° 57' 48.2688"  
Long E 77° 39' 26.1396"  
08/10/21 09:50 AM  
Google



Halasuru, Karnataka, India  
#7, Cambridge Rd, near Halasuru, police station Udani Layout, Udani  
Layout, Halasuru, Karnataka 560008, India  
Lat 12.974472°  
Long 77.625732°  
04/10/21 09:52 AM  
Google



REDMI NOTE 8 PRO  
AI QUAD CAMERA



Halasuru, Karnataka, India  
8, Cambridge Rd, Cambridge Layout, Halasuru, Karnataka 560008,  
India  
Lat 12.97434°  
Long 77.625582°  
04/10/21 09:54 AM  
Google

*Anur*

**Head of the Department**  
Department of Commerce  
St. Anne's Degree College for Women  
#23, Cambridge Road, Halasuru  
Bengaluru - 560 008



*Nile Soyyl*  
**PRINCIPAL**

**St. Anne's Degree College  
For Women**  
# 23, Cambridge Road, Halasuru.  
Bangalore - 560 008.



# St. Anne's Degree College for Women

Affiliated to Bengaluru City University Recognized by UGC under Section (2f),  
Accredited by NAAC 'A' Grade, ISO 9001: 2015 Certified Institution  
Halasuru, Bengaluru - 560008



## FINANCIAL ANALYTICS – ADD-ON PROGRAMME

### ATTENDANCE SHEET

Academic Year: 2021-22

Program Name: FINANCIAL ANALYTICS

Class: III B.COM

Semester: V SEM

Total Number of Students Enrolled:

Date: 4<sup>th</sup> Oct - 11<sup>th</sup> Oct 2021

Time: 9-3:30

Duration (Hours): 18 hours

SL. NO	NAME OF THE STUDENT	4 <sup>th</sup> October 2021						7 <sup>th</sup> October 2021						9 <sup>th</sup> October 2021						Signature
		H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	
1	AARTHI THAPA .R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Aarthi R</i>
2	ABIRAMI .K.S	A	A	A	P	P	P	A	A	A	P	P	P	P	P	P	A	A	A	<i>Abirami</i>
3	AGNES MARY .A	A	A	A	P	P	P	A	A	A	A	A	A	P	P	P	P	P	P	<i>Agnes M</i>
4	AISHWARYA .J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	<i>Aishu J</i>
5	AISHWARYA .R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Aishu R</i>

SL. NO	NAME OF THE STUDENT	4 <sup>th</sup> /5 <sup>th</sup> October 2021						7 <sup>th</sup> /8 <sup>th</sup> October 2021						9 <sup>th</sup> /11 <sup>th</sup> October 2021						Signature
		H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	
6	AISHWARYA RAJ	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	<i>Aishwarya Raj</i>
7	ALMAS BANU .A	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	<i>Almas Banu</i>
8	AMITHA .V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Amitha V</i>
9	ANDREA AGNES .J C	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	<i>Andrea Agnes</i>
10	ANISHA .M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Anisha M</i>
11	ANITHA .M H	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	<i>Anitha M H</i>
12	ANJALI RAO	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	<i>Anjali Rao</i>
13	ANNANNIA MATHEW CHERIYAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Annannia Mathew</i>
14	ANNLIYA SHAJU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Annliya Shaju</i>
15	ANU RADHA .V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Anu Radha V</i>
16	ANUPAMA .S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Anupama S</i>
17	ARCHANA .C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Archana C</i>
18	ARCHANA .K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Archana K</i>
19	ARUNA .C	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Aruna C</i>
20	ASHA .P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Asha P</i>
21	ASHA .R	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	<i>Asha R</i>
22	ASHA .S	A	A	A	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	<i>Asha S</i>
23	BEENA .P	P	P	P	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	<i>Beena P</i>
24	BHARGAVI .M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Bhargavi M</i>
25	BHAVANI .V	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	<i>Bhavani V</i>

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		H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6		
26	BHAVYA.M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
27	BHAVIYA PRIYA	P	P	P	a	a	a.	P	P	P	P	P	P	P	P	P	P	P	P		
28	BHOOMIKA	<del>Blank row</del>																			
29	BRAHMINI .H V	a	a	a	a	a	a	a	a	a	P	P	P	a	a	a	a	a	a.	Brahmini.H.V	
30	BRUNDA .S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
31	CHANDHU .V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
32	CHARULATHA.M	<del>Blank row</del>																			
33	CHERISHMA .KS	P	P	P	P	P	P	a	a	a.	P	P	P	P	P	P	P	a	a	a.	
34	CHEZHANA .M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
35	DEENA	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a		
36	DEEPA .B S	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a.		
37	DEEPIKA .M	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a.		
38	DEEPIKA .N U	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
39	DEEPIKA .P	P	P	P	P	P	P	P	P	P	a	a	a.	P	P	P	P	P	P		
40	DEVI.V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
41	DHANUSHREE .I	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
42	DIKSHITHA.R.V	P	P	P	a	a	a.	P	P	P	P	P	P	P	P	P	P	P	P		
43	DIVYA .L K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	a	a	a.		
44	DIVYABHARATHI .S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
45	DIVYA .K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
46	DIVYA SHREE.S	a	a	a.	a	a	a.	a	a	a	P	P	P	P	P	P	P	P	P		

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		H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	
47	DORTHY BASLICA.F	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Dorthy
48	GAYATHRI .MS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Gayathri
49	GEETHA GAGANA .S	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	Geetha
50	GITANJALI .C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Gitanjali .C
51	GOMATHI .K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Gomathi
52	GOWTHAMI .G	P	P	P	a	a	a	P	P	P	P	P	P	P	P	P	P	P	P	Gowthami
53	GRACY SONA .S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Gracysona
54	GREESHMA .S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Greeshma
55	HABIBA <del>CHANDRATHA .M</del>	a	a	a	P	P	P	a	a	a	P	P	P	P	P	P	P	P	P	Habiba .C
56	HAMSA .S	a	a	a	P	P	P	P	P	P	P	P	P	a	a	a	P	P	P	Hamsa
57	HAMSAVENI .R	P	P	P	a	a	a	P	P	P	P	P	P	P	P	P	P	P	P	Hamsa
58	HARINI .GA	P	P	P	P	P	P	a	a	a	a	a	P	P	P	P	P	P	Harini	
59	HARINI .N	P	P	P	a	a	a	P	P	P	P	P	P	P	P	P	P	P	P	Harini
60	HARINI.S	P	P	P	P	P	P	P	P	P	P	P	P	a	a	a	P	P	P	Harini
61	HARINI PRIYA	P	P	P	P	P	P	a	a	a	P	P	P	P	P	P	P	P	P	Harini Priya
62	HEMA.U	a	a	a	a	a	a	P	P	P	a	a	a	P	P	P	P	P	P	Hema
63	HEMALATHA.C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Hemalatha
64	HEMALATHA .K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Hemalatha
65	HEMALATHA.S	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	Hemalatha
66	HENNA KOUSAR .F	a	a	a	P	P	P	a	a	a	P	P	P	P	P	P	P	P	P	Henna
67	JANANI.D	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	P	P	Janani
68	JASMINE.J	_____																		_____

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		H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	
69	JAYAMANGALA SELVI.J	a	a	a	a	a	a	p	p	p	p	p	p	p	p	p	p	p	p	Jayamangala Selvi.J
70	JAYANTHI.C	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	Jayanthi.C
71	JAYASHREE.G	a	a	a	p	p	p	p	p	p	p	p	p	p	p	p	a	a	a	Jayashree.G
72	JAYASHREE.M	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	Jayashree.M
73	JAYASHREE SOPHIA RANI	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	Jayashree.S
74	JAYASHREE.V	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	Jayashree.V
75	JENCY SHALINI.P	p	p	p	p	p	a	a	a	a	a	a	p	p	p	p	p	p	Jency Shalini.P	
76	ANAMIKA PAVITHRAN	p	p	p	p	p	a	a	a	p	p	p	p	p	p	p	p	p	Anamika Pavithran	
77	PRIYANKA SADANAND	p	p	p	p	p	a	a	a	a	a	a	p	p	p	p	p	p	Priyanka Sadanand	
78	SINDHU .S	p	p	p	p	p	a	a	a	p	p	p	p	p	p	p	p	p	Sindhu.S	
79	JENIFAR .D	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	Jenifar.D	
80	JENIFER .K	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	Jenifer.K	
81	JENNIFER .G	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	Jennifer.G	
82	JENNIFER .J	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	Jennifer.J	
83	JEYA PRADHA .S.K	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	Jeya Pradha.S.K	
84	JOSEPHINE J	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	Josephine.J	
85	KANIMOZI .R	_____																		
86	KARPAGAMBIGAI .S	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a		
87	KAVYA .M	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	Kavya.M	
88	KAVYA .U	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	Kavya.U	
89	KEERTHANA .P	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	Keerthana.P	
90	KEERTHANA .R	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	Keerthana.R	

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		H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	
91	KRITHIKA .P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Krithika P
92	KUMARI .K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Kumari K
93	LAKSHMI .M LEFT	_____																		
94	LAKSHMI PAWANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Lakshmi P
95	LAKSHMI.R	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	Lakshmi R
96	LALITHASHREE . V	P	P	P	P	P	P	a	a	a	a	a	a	P	P	P	P	P	P	Lalitha V
97	LATHA SHREE.V	P	P	P	P	P	P	a	a	a	a	a	a	P	P	P	P	P	P	Lalitha V
98	LATHA SHREE.N LEFT	_____																		
99	LAVANYA .P	P	P	P	P	P	P	a	a	a	a	a	a	P	P	P	P	P	P	Lavanya P
100	LAVANYA .R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Lavanya R
101	LAVEN LINCY .V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Laven Lincy V
102	M. PAVITHRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	M. Pavithra
103	M. TERESA JENNIFER	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	M. Teresa Jennifer
104	MADHUMITHA .R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Madhumitha R
105	MAHIMA .R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Mahima R
106	MALA .K	P	P	P	P	P	P	a	a	a	a	a	a	P	P	P	P	P	P	Mala K
107	MAMATHA D .M	P	P	P	P	P	P	a	a	a	a	a	a	P	P	P	P	P	P	Mamatha D M
108	MANISHA.R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Manisha R
109	MARIA NITHAYA .A	_____																		
110	MARY JENNIFER .A LEFT	_____																		
111	MARY PRIYADARSHINI .P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Mary Priyadarshini P
112	MARY PRIYANKA	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	Mary Priyanka

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		H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	
113	MARYA SANDRA .A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Maryasandra
114	MEGHANA .J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Meghana J
115	MERCY .M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Mercy .M
116	MONICA .B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	B. Monica
117	MONICA .DS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Monica DS
118	MONICA .M	P	P	P	P	P	P	P	P	P	P	P	P	a	a	a	a	a	a	Monica M
119	MONICA .M	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	Monica M
120	MONICA .S	P	P	P	P	P	P	a	a	a	a	a	a	P	P	P	P	P	P	Monica S
121	MONISHA .L	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Monisha L
122	MONISHA .M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Monisha M
123	MOULIKA .R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Moulika R
124	NANDHINI .M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Nandhini M
125	NANDINI .B.N	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	Nandini B.N
126	NAVYA.N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Navya N
127	NAVYA SHREE .A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Navya Shree A
128	NAYANA .R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Nayana R
129	NEW LIFE .B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	New Life B
130	NIKITHA .GB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Nikitha GB
131	NIRUPA .DMANISHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Nirupa Dmanisha
132	NIRUPAMA .K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Nirupama K
133	NISHA .N. BHOSALE	P	P	P	P	P	P	a	a	a	a	a	a	P	P	P	P	P	P	Nisha N. Bhosale
134	NISHA .V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Nisha V.

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135	NIVEDHA .V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Nivedha V
136	NOOR A SABA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Noor A Saba
137	P. A. SNEHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P. A. Sneha
138	PADMA C.H	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Padma C.H
139	PADMAVATHI.T	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Padmavathi T
140	PATRICIA . G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Patricia G
141	PAVITHRA.K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Pavithra K
142	PAVITHRA.S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Pavithra S
143	POOJA .J	P	P	P	P	P	P	a	a	a	a	a	a	P	P	P	P	P	P	Pooja J
144	POOJA.M	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	Pooja M
145	POOJA MURJI DUBRIYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Pooja Murji Dubriya
146	POOJA.V	P	P	P	P	P	P	a	a	a	a	a	a	P	P	P	P	P	P	Pooja V
147	POOJASHREE .K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Poojashree K
148	POORNIMA RAJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Poornima Raj
149	PREETHI .S	P	P	P	P	P	P	P	P	P	P	P	P	a	a	a	a	a	a	Preethi S
150	PRIYA .S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Priya S
151	PRIYA .V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Priya V
152	PRIYANKA .S	P	P	P	P	P	P	a	a	a	a	a	a	P	P	P	P	P	P	Priyanka S
153	RADHIKA .R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Radhika R
154	RAEESAH BEGUM .M S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Raeesah Begum M S
155	RAICHEAL BHEULA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Raicheal Bheula



SL. NO	NAME OF THE STUDENT	4 <sup>th</sup> October 2021						7 <sup>th</sup> October 2021						9 <sup>th</sup> October 2021						Signature
		H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	
177	SARA FATHIMA AHMED	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	A	A	Sara
178	SARALA .K	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Saral
179	SARANYA .K	A	A	A	A	A	A	A	A	A	A	A	A	P	P	P	P	P	P	Saranya
180	SARANYA .R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Saranya
181	SARITHA .N	P	P	P	P	P	P	A	A	A	A	A	A	P	P	P	P	P	P	Saritha
182	SEEMA D RAMAGONDA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Seema
183	SELVA MARY .C	P	P	P	P	P	P	A	A	A	A	A	A	A	A	A	A	A	A	Selva
184	SHAKUNTHALA .M	A	A	A	A	A	A	P	P	P	P	P	P	A	A	A	A	A	A	Shakunthala
185	SHALINI .A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Shalini
186	SHALINI .V	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Shalini.V
187	SHARANA .P	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	Sharana.P
188	SHARANYA S.K	A	A	A	A	A	A	P	P	P	P	P	P	A	A	A	A	A	A	Sharanya
189	SHAZIYA KOUSAR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Shaziya
190	SHERAL GHETSY .J	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	Sheralghetsy
191	SHERYL .J	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	Sheryl.J
192	SHILPA .S	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	Shilpa
193	SHIVARANJINI .G	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	A	A	Shivaranjini
194	SHOBHA KUMARI	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	A	A	Shobha
195	SHRADHA.P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Shradha
196	SHRUTHI.S	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	Shruthi
197	SHRUTHI.V	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Shruthi

SL. NO	NAME OF THE STUDENT	4 <sup>th</sup> October 2021						7 <sup>th</sup> October 2021						9 <sup>th</sup> October 2021						Signature
		H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	
198	SHYMALA N.C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Shymala
199	SHYLAJA .C	←																		Shylaja
200	SINDHU SREE .S	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	Sindhu
201	SINTHIYA DEVANATH	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	A	A	Sinthiya
202	SIRI VENNILA .S	A	A	A	A	A	A	A	A	A	A	A	A	P	P	P	P	P	P	Siri
203	SNEHA .A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Sneha A
204	SNEHA .G	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	Sneha G
205	SNEHA .P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Sneha P
206	SNEHA .R	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	Sneha R
207	SNEHA .R	A	A	A	A	A	P	P	P	P	P	P	P	A	A	A	A	A	A	Sneha R
208	SNEHA.S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Sneha S
209	SNEHA .V	A	A	A	A	A	P	P	P	P	P	P	P	A	A	A	A	A	A	Sneha V
210	SOWMYA.M	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Sowmya M
211	SUBHASHINI MURTHY	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	Subhashini
212	SUJATHA .Y.K	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	Sujatha Y.K.
213	SUKITHA .M	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	Sukitha M
214	SUNITHA .J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Sunitha J
215	SUPRITHA JENNIFER	A	A	A	A	A	P	P	P	P	P	P	P	A	A	A	A	A	A	Supriya
216	SUSHEELA .M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Susheela
217	SUSHMITHA MOHANTY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Sushmitha Mohanty
218	SUVARNA .I	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	Suvarna I
219	SWATHI .R.V	A	A	A	A	A	A	A	A	A	A	A	A	P	P	P	P	P	P	Swathi R.V

SL. NO	NAME OF THE STUDENT	4 <sup>th</sup> October 2021						7 <sup>th</sup> October 2021						9 <sup>th</sup> October 2021						Signature
		H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	H1	H2	H3	H4	H5	H6	
220	SWETHA .K	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	<i>[Signature]</i>
221	SYED ZUHA AIMAN	A	A	A	A	A	A	P	P	P	P	P	P	A	A	A	A	A	A	<i>[Signature]</i>
222	TALITHA .M Y	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Talitha M Y</i>
223	TASLEEM S YALAGOD	A	A	A	A	A	A	A	A	A	A	A	A	P	P	P	P	P	P	<i>Tasleem's yalagod</i>
224	TASLIM .A	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	<i>Taslim</i>
Trainer Name		Prem Kumar .M.P						Prem Kumar .M.P						Prem Kumar .M.P						
Trainer signature		<i>[Signature]</i>						<i>[Signature]</i>						<i>[Signature]</i>						

## PROFILE OF THE TRAINER

Name: PREM.KUMAR.M.P

Qualification: M.A.Psychology(clinical), Bsc, Diploma in Human rights

Designation: Behavioral trainer, psychologist

Company's Name and Address:

114, 5<sup>th</sup> A CROSS HRBR LAYOUT, 3<sup>rd</sup> Block, Kalyanagar, Bangalore -560043

Trainer's Signature

*[Signature]*



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## DEPARTMENT OF COMPUTER APPLICATIONS

### CIRCULAR

Date: 23rd Sept 2021

### ADD ON PROGRAMME

This is to inform all students that ADD ON PROGRAMME will be conducted from 4<sup>th</sup> October 2021 to 22<sup>nd</sup> October 2021. Attendance is compulsory. For further details contact the undersigned.

  
HOD

Head of the Department  
Department of Computer Application  
St. Anne's Degree College for Women,  
Halasuru, Bengaluru-560008



  
Principal

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## DEPARTMENT OF COMPUTER APPLICATION

Academic Year 2021-2022

### ADD ON PROGRAM


#### TIME TABLE

Duration	Timings	Class	Venue	Trainer's Name	Program
04.10.2021 To 27.10.2021	9:00am- 12:00pm	III BCA	Computer Lab	Mr. Premanjan Biswas	Python and Machine learning
04.10.2021 To 27.10.2021	9:00am- 12:00pm	II BCA	Computer Lab	Mr. Premanjan Biswas	Python Programming

  
HOD

Head of the Department  
Department of Computer Application  
St. Anne's Degree College for Women,  
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## ADD ON PROGRAMME SYLLABUS

### Program Name: Data Science Using Python

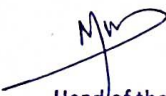
**Goal:** Get an introduction to Data Science in this Machine learning with Python training Module and see how Data Science helps to analyze large and unstructured data with different tools.

#### Unit I:

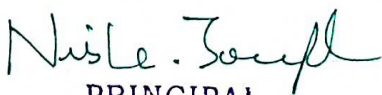
- ✦ Define Data Science
- ✦ Discuss the era of Data Science
- ✦ Illustrate the Life cycle of Data Science
- ✦ List the Tools used in Data Science
- ✦ State role of Big Data and Hadoop, Python, R and Machine Learning play in Data Science

#### Unit II:

- ✦ Fundamental understanding of the Python programming language.
- ✦ The skills and understanding of Python to apply for Python programming jobs.
- ✦ Python skills to move into specific branches - Machine Learning, Data Science, etc. own
- ✦ Understand how to create your Python programs.

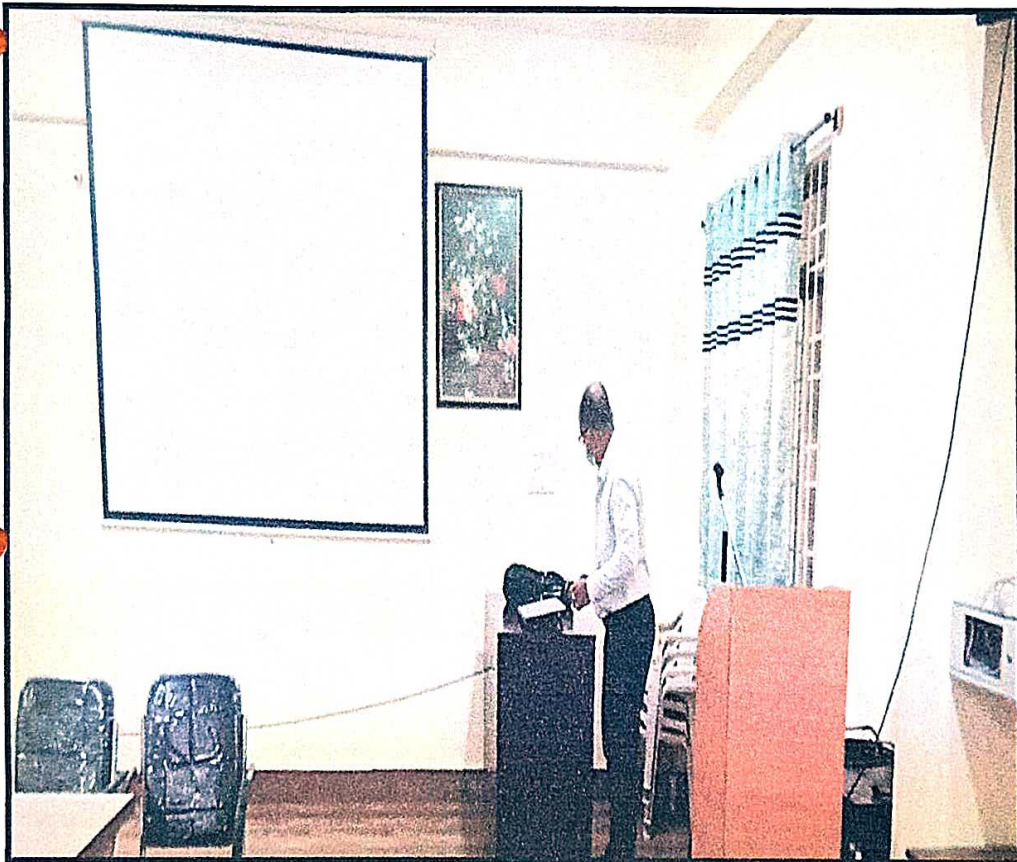
  
Head of the Department  
Department of Computer Application  
St. Anne's Degree College for Women,  
Halasuru, Bengaluru-560008

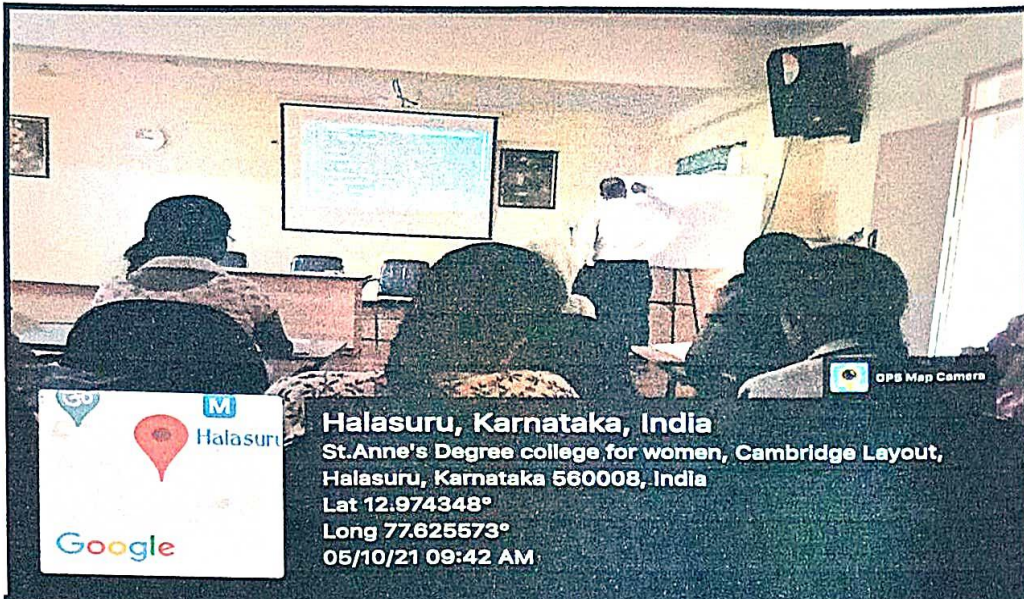


  
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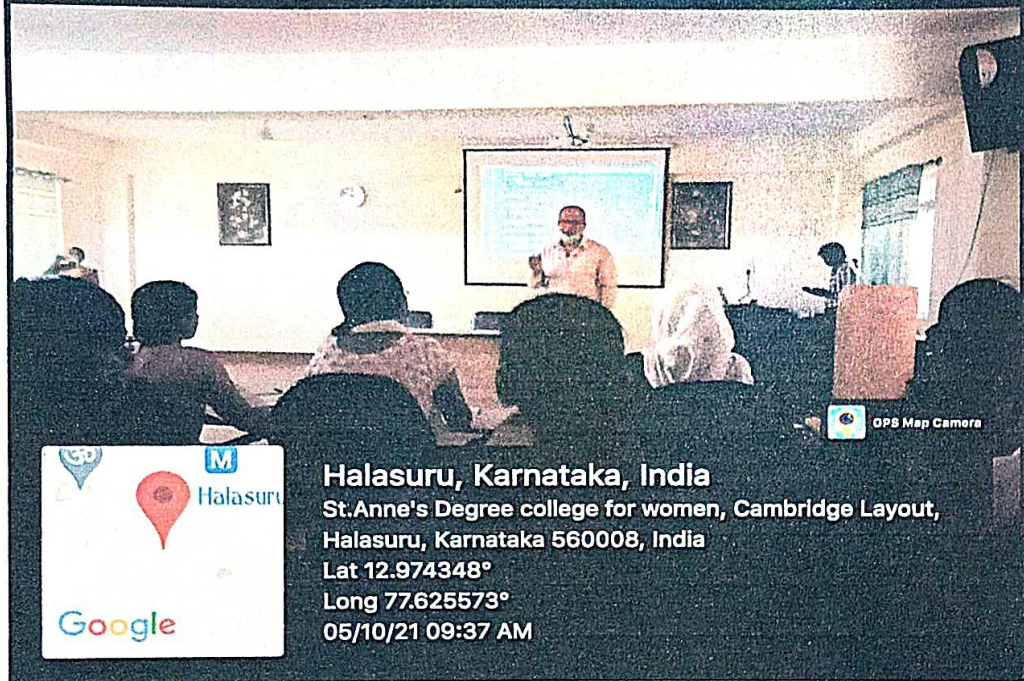
- ✦ Import both structured and unstructured data into Python
- ✦ Parse unstructured data into structured formats
- ✦ Simulate data through random number generation
- ✦ Understand mechanisms for missing data and analytic implications
- ✦ Create compelling graphics to reveal analytic results
- ✦ Reshape and merge data to prepare for advanced analytics
- ✦ Appreciate the importance of visualization in the data analytics solution
- ✦ Apply structured thinking to unstructured problems
- ✦ Understand a very broad collection of machine learning algorithms and problems

### PHOTOS:





**Halasuru, Karnataka, India**  
St. Anne's Degree college for women, Cambridge Layout,  
Halasuru, Karnataka 560008, India  
Lat 12.974348°  
Long 77.625573°  
05/10/21 09:42 AM



**Halasuru, Karnataka, India**  
St. Anne's Degree college for women, Cambridge Layout,  
Halasuru, Karnataka 560008, India  
Lat 12.974348°  
Long 77.625573°  
05/10/21 09:37 AM

HOD

Head of the Department  
Department of Computer Application  
St. Anne's Degree College for Women,  
Halasuru, Bangalore-560008



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## ADD ON PROGRAM ATTENDANCE SHEET

Academic Year: 2021-22

Program Name: BCA

Class: II BCA

Semester: III

Add On Program Name: Data Science using Python

Total Number of Students Enrolled: 28

Date: 4/10/21 to 9/10/21

Time: 9-10, 10-11, 11-12, 12-1

Duration (Hours): 4 hours per day.

REGISTER NUMBER	NAME OF THE STUDENT	4/10/21				5/10/21				7/10/21				8/10/21				9/10/21				Signature
		H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	
20PEBCA01	Anouksha G A	1	2	3	4	5	6	7	8	9	10	11	12	A	A	A	A	13	14	15	16	Brindha S
20PEBCA02	Brindha S	1	2	3	4	5	6	7	8	9	10	11	12	A	A	A	A	A	13	14	15	

REGISTER NUMBER	NAME OF THE STUDENT	4/10/21				5/10/21				7/10/21				8/10/21				9/10/21				Signature
		H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	
20PEBCA03	Carolina Phillip D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	<u>Carolina</u>
20PEBCA04	Champavathi S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	<u>Champavathi</u>
20PEBCA05	Elizabeth N	1	2	3	4	5	6	7	8	9	10	11	12	A	A	A	A	13	14	15	16	<u>Elizabeth N</u>
20PEBCA06	Jeevitha S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A	A	A	A	<u>Jeevitha</u>
20PEBCA07	Kavitha A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	<u>Kavitha A</u>
20PEBCA09	Mariam Saher	A	A	A	A	1	2	3	4	5	6	7	8	A	9	10	11	12	13	14	15	<u>Mariam Saher</u>
20PEBCA10	Mary Basilica M	1	2	3	4	5	6	7	8	9	10	11	12	A	A	A	A	13	14	15	16	<u>Mary Basilica M</u>
20PEBCA11	Mary Jenifer D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	<u>Mary Jenifer D</u>
20PEBCA12	Meghana P	A	A	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	<u>Meghana P</u>
20PEBCA14	Nanditha N	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	<u>Nanditha N</u>
20PEBCA15	Nethika P	1	2	3	4	5	6	7	8	A	A	A	A	A	A	A	A	A	9	10	11	<u>Nethika P</u>
20PEBCA16	Nivedita J	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	<u>Nivedita J</u>
20PEBCA17	Noor Saba	A	A	A	A	A	1	2	3	4	5	6	7	A	A	A	A	8	9	10	11	<u>Noor Saba</u>
20PEBCA18	Priscilla K B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	<u>Priscilla K B</u>
20PEBCA19	Ramya M	1	2	3	4	A	A	A	A	5	6	7	8	9	10	11	12	A	A	A	A	<u>Ramya M</u>
20PEBCA20	Safura Taj	1	2	3	4	5	6	7	8	9	10	11	12	A	A	A	A	13	14	15	16	<u>Safura Taj</u>
20PEBCA21	Samiksha G	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	<u>Samiksha G</u>
20PEBCA22	Sangeetha J	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	<u>Sangeetha J</u>
20PEBCA23	Shalini A S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	<u>Shalini A S</u>

REGISTER NUMBER	NAME OF THE STUDENT																					Signature				
		H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4					
20PEBCA24	Sneha R	1	2	3	4	A	A	A	A	5	6	7	8	9	10	11	12	A	A	A	A	Sneha R				
20PEBCA25	Tejashwini M	1	2	3	4	5	6	7	8	9	10	11	12	A	A	A	A	13	14	15	16	Tejashwini				
20PEBCA26	Pushpa Y K	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Pushpa				
20PEBCA27	Deepika D	A	A	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Deepika				
20PEBCA28	Megha	1	2	3	4	5	6	7	8	A	A	A	A	A	A	A	A	A	A	A	A	Megha				
20PEBCA29	Sri Devi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Sri Devi				
20PEBCA30	Nancy	A	A	A	A	A	1	2	3	4	5	6	7	A	A	A	A	A	A	A	A	Nancy				
Trainer Name		Premanjan Biswas					Premanjan Biswas					PREMANJAN BISWAS					PREMANJAN BISWAS					PREMANJAN BISWAS				
Trainer signature		<i>Premanjan Biswas</i>					<i>Premanjan Biswas</i>					<i>Premanjan Biswas</i>					<i>Premanjan Biswas</i>					<i>Premanjan Biswas</i>				

## PROFILE OF THE TRAINER

Name: PREMANJAN BISWAS

Qualification: MA (Economics), PGD AEM (Applied Statistics)

Designation: Consultant

Company's Name and Address: ~~www~~ Anab Reliance General Insurance,  
B, 17, Plum Avenue Goregaon East  
Near Western Express Highway,

*Premanjan Biswas*  
Trainer's Signature

*N. J. J. J.*  
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For Women  
# 23, Cambridge Road, Halasuru,  
Bangalore - 560 008.



*N. J. J. J.*  
Head of the Department  
Department of Computer Application  
St. Anne's Degree College for Women,  
Halasuru, Bangalore-560008



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## ADD ON PROGRAM ATTENDANCE SHEET

Academic Year: 2021-22

Program Name: BCA

Class: II BCA

Semester: II

Add On Program Name: Data Science using Python

Total Number of Students Enrolled:

Date:

Time:

Duration (Hours):

REGISTER NUMBER	NAME OF THE STUDENT	11/10/21				12/10/21				13/10/21				21/10/21				22/10/21				Signature
		H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	
20PEBCA01	Anouksha G A	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
20PEBCA02	Brindha S	A	A	A	A	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Brindha S

REGISTER NUMBER	NAME OF THE STUDENT																	Signature				
		III	II2	II3	II4	III	II2	II3	II4	III	II2	II3	II4	III	II2	II3	II4					
20PEBCA03	Carolina Phillip D	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Cal
20PEBCA04	Champavathi S	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Champavathi
20PEBCA05	Elizabeth N	A	A	A	A	17	18	19	20	21	22	23	24	25	26	27	A	A	A	A	A	Elizabeth N
20PEBCA06	Jeevitha S	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Jeevitha
20PEBCA07	Kavitha A	21	22	23	24	A	A	A	A	25	26	27	28	A	A	A	A	A	A	A	A	Kavitha A
20PEBCA09	Mariam Saher	A	A	A	A	A	A	A	A	16	17	18	19	20	21	22	23	24	25	26	27	Mariam Saher
20PEBCA10	Mary Basilica M	A	A	A	A	A	A	A	A	17	18	19	20	21	22	23	24	25	26	27	28	Mary Basilica M
20PEBCA11	Mary Jenifer D	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Mary Jenifer D
20PEBCA12	Meghana P	17	18	19	20	21	22	23	24	25	26	27	28	A	A	A	A	29	30	31	32	Meghana P
20PEBCA14	Nanditha N	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Nanditha N
20PEBCA15	Nethika P	12	13	14	15	16	17	18	19	A	A	A	A	20	21	22	23	24	25	26	27	Nethika P
20PEBCA16	Nivedita J	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Nivedita J
20PEBCA17	Noor Saba	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Noor Saba
20PEBCA18	Priscilla K B	A	A	A	A	A	A	A	A	21	22	23	24	A	A	A	A	25	26	27	28	Priscilla
20PEBCA19	Ramya M	12	13	14	15	A	A	A	A	16	17	18	19	20	21	22	23	24	25	26	27	Ramya M
20PEBCA20	Safura Taj	21	22	23	24	A	A	A	A	25	26	27	28	A	A	A	A	29	30	31	32	Safura Taj
20PEBCA21	Samiksha G	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Samiksha G
20PEBCA22	Sangeetha J	21	22	23	24	25	26	27	28	29	30	31	32	A	A	A	A	33	34	35	36	Sangeetha J
20PEBCA23	Shalini A S	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Shalini A S

REGISTER NUMBER	NAME OF THE STUDENT																	Signature				
		H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4		H1	H2	H3	H4
20PEBCA24	Sneha R	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Sneha R
20PEBCA25	Tejashwini M	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Tejal
20PEBCA26	Pushpa Y K	21	22	23	24	25	26	27	28	29	30	31	32	A	A	A	A	33	34	35	36	Pushpa
20PEBCA27	Deepika D	A	A	A	A	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Deepika
20PEBCA28	Megha	A	A	A	A	A	A	A	A	A	A	A	A	9	10	11	12	A	A	A	A	Megha
20PEBCA29	Sri Devi	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Sri Devi
20PEBCA30	Nancy	A	A	A	A	A	A	A	A	8	9	10	11	A	A	A	A	A	A	A	A	Nancy
Trainer Name		Premanjan Biswas				Premanjan Biswas				Premanjan Biswas				Premanjan Biswas				Premanjan Biswas				
Trainer signature		Premanjan Biswas				Premanjan Biswas				Premanjan Biswas				Premanjan Biswas				Premanjan Biswas				

## PROFILE OF THE TRAINER

Name: PREMANJAN BISWAS

Qualification: MA (Economics), PhD AEM (Applied Statistics), PhD MSN (Marketing)

Designation: Consultant

Company's Name and Address: Acumatica (Wipro) (Numbur)

Premanjan Biswas  
Trainer's Signature



Nisla Joseph  
PRINCIPAL  
St. Anne's Degree College  
For Women  
# 23, Cambridge Road, Halasuru.  
Bangalore - 560 008.

MM  
Head of the Department  
Department of Computer Application  
St. Anne's Degree College for Women,  
Halasuru, Bangalore-560008



# St. Anne's Degree College for Women

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Halasuru, Bengaluru – 560008



## BACHELOR OF SCIENCE (PMC)

### NOTICE

Date: 23<sup>rd</sup> Sept 2021

### ADD ON PROGRAMME

This is to inform all students that ADD ON PROGRAMME will be conducted from 4<sup>th</sup> October 2021 to 22<sup>nd</sup> October 2021. Attendance is compulsory. For further details contact the undersigned.

HOD

Head of the Department  
Bachelor of Science (PMC)  
St. Anne's Degree College For Women  
Halasuru, Bangalore - 560 008.



Principal  
PRINCIPAL

St. Anne's Degree College  
For Women  
# 23, Cambridge Road, Halasuru,  
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## BACHELOR OF SCIENCE(PMC)

Academic Year 2021-2022

### ADD ON PROGRAM

#### TIME TABLE

Duration	Timings	Class	Venue	Trainer's Name	Program
04.10.2021 To 27.10.2021	9:00am- 12:00pm	III B.Sc(PMC)	Computer Lab	Mr. Premanjan Biswas	Python and Machine learning
04.10.2021 To 27.10.2021	9:00am- 12:00pm	II B.Sc(PMC)	Computer Lab	Mr. Premanjan Biswas	Python Programming

**HOD**

Head of the Department  
Bachelor of Science [PMC]  
St. Anne's Degree College For Women  
Halasuru, Bangalore - 560 008.

**Principal**

St. Anne's Degree College  
For Women  
# 23, Cambridge Road, Halasuru,  
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## Bachelor of Science (PMC)

Academic Year 2021-2022

### ADD ON PROGRAM

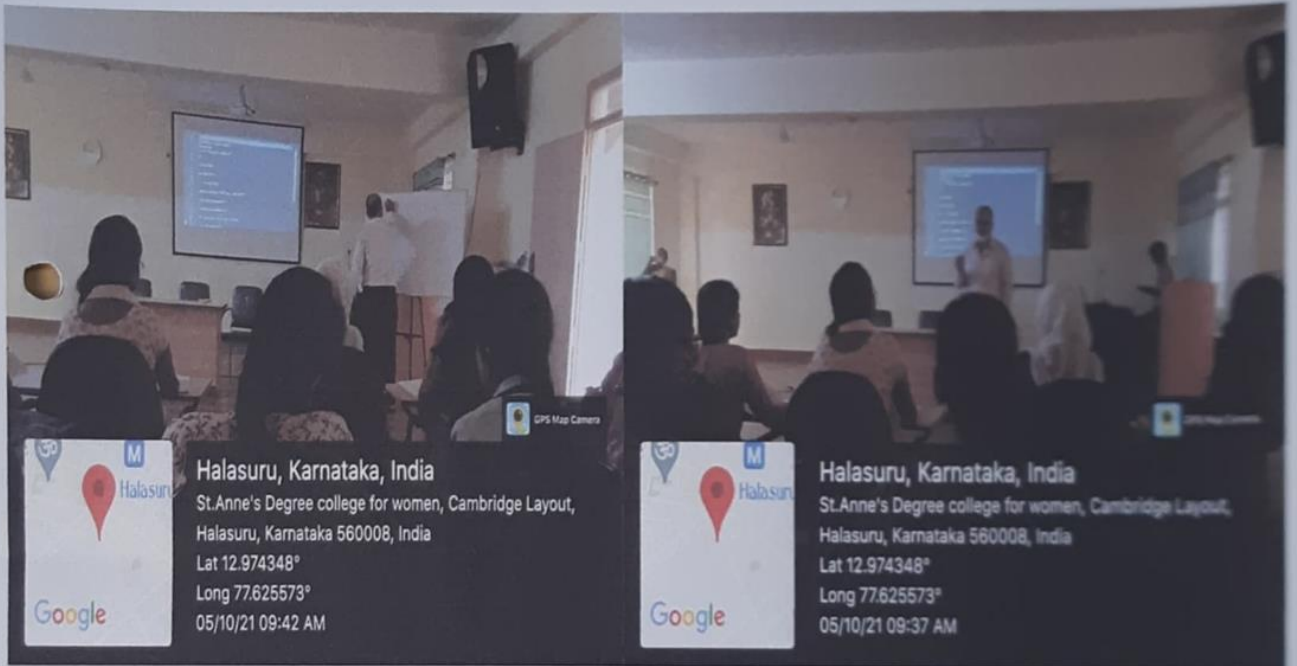
Course	Date	Topic	Resource Person	No.of Students attended
III B.SC(PMC)	04.10.2021 To 27.10.2021	Data Science using Python	Mr.Premanjan Biswas Analytics Consultant, Accumetric Global(Mumbai)	18
II B.SC(PMC)	04.10.2021 To 27.10.2021	Data Science using Python	Mr.Premanjan Biswas Analytics Consultant, Accumetric Global(Mumbai)	08

#### PROGRAM NAME: Data Science using Python

After completing the course, the Students will be able to understand why Python is a useful scripting language for developers and also will gain knowledge in the following

- Understand the difference between Python basic data types
- Know when to use different python collections and implement python functions
- Understand control flow constructs in Python
- Handle errors via exception handling constructs
- Import both structured and unstructured data into Python
- Parse unstructured data into structured formats
- Simulate data through random number generation
- Understand mechanisms for missing data and analytic implications
- Create compelling graphics to reveal analytic results
- Reshape and merge data to prepare for advanced analytics

- Appreciate the importance of visualization in the data analytics solution
- Apply structured thinking to unstructured problems
- Understand a very broad collection of machine learning algorithms and problems
- Learn algorithmic topics of machine learning and mathematically deep enough to introduce the required theory



*R. H.*

Head of the Department  
Bachelor of Science [PMC]  
St. Anne's Degree College For Women  
Halasuru, Bangalore - 560 008.



*Nisla Joseph*

PRINCIPAL  
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## ADD ON PROGRAMME SYLLABUS

### Program Name: Data Science Using Python

**Objective:** Get an introduction to Data Science in this Machine learning with Python training Module and see how Data Science helps to analyze large and unstructured data with different tools.

#### Unit I:

- + Define Data Science
- + Discuss the era of Data Science
- + Illustrate the Life cycle of Data Science
- + List the Tools used in Data Science
- + State role of Big Data and Hadoop, Python, R and Machine Learning play in Data Science

#### Unit II:

- + Fundamental understanding of the Python programming language.
- + The skills and understanding of Python to apply for Python programming jobs.
- + Python skills to move into specific branches - Machine Learning, Data Science, etc.
- + Understand how to create your own Python programs.



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## ADD ON PROGRAM ATTENDANCE SHEET

Academic Year: 2021-22

Program Name: B.Sc(PMC)

Class: III B.Sc

Semester: V

Add On Program Name: PYTHON AND MACHINE LEARNING

Total Number of Students Enrolled: 18

Date: 4/10/2021 To 27/10/2021

Time: 9:00AM - 12:00PM

Duration (Hours): 40

REGISTER NUMBER	NAME OF THE STUDENT	4/10/2021				5/10/2021				7/10/2021				8/10/2021				9/10/2021				STUDENT SIGNATURE
		H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	
S1916601	Afrin Jennisha A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Jennisha
S1916602	Angel Cindrella	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Angel Cindrella

REGISTER NUMBER	NAME OF THE STUDENT	4/10/2021				5/10/2021				7/10/2021				8/10/2021				9/10/2021				STUDENT SIGNATURE
		H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	
S1916603	Anjali Kumari	1	2	3	4	5	6	7	8	a	a	a	a	a	a	a	a	a	a	a	a	Anjali Kumari
S1916604	Anushiya Mary	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Anushiya Mary
S1916605	Arockya Sneha. DR	a	a	a	a	1	2	3	4	5	6	7	8	a	a	a	a	a	a	a	a	Arockya Sneha. DR
S1916606	Bhagyashree P. Kalagati	1	2	3	4	5	6	7	8	a	a	a	a	a	a	a	a	9	10	11	12	Bhagyashree P. Kalagati
S1916607	Dharini R S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Dharini R S
S1916608	Faiza Kouser	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Faiza Kouser
S1916609	Jayashree M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Jayashree M
S1916610	Lavanya A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Lavanya A
S1916611	Madeeha Firdouse	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	Madeeha Firdouse
S1916612	Maria Bharathi	1	2	3	4	5	6	7	8	9	10	11	12	a	a	a	a	13	14	15	16	Maria Bharathi
S1916613	Maria Dianna Princy	a	a	a	a	a	a	a	a	1	2	3	4	5	6	7	8	a	a	a	a	Maria Dianna Princy
S1916614	Niveditha V	1	2	3	4	5	6	7	8	a	a	a	a	9	10	11	12	13	14	15	16	Niveditha V
S1916615	Rehana Begum	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Rehana Begum
S1916616	Sangeetha K	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Sangeetha K
S1916617	Sushma Maria Christina	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Sushma Maria Christina
S1916618	Thuraka Mahitha	1	2	3	4	5	6	7	8	a	a	a	a	9	10	11	12	13	14	15	16	Thuraka Mahitha
	TRAINER'S SIGNATURE	Arumjayabis				Arumjayabis				Arumjayabis				Arumjayabis				Arumjayabis				



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## ADD ON PROGRAM ATTENDANCE SHEET

Academic Year: 2021-22

Program Name: B.Sc(PMC)

Class: III B.Sc

Semester: V

Add On Program Name:

Total Number of Students Enrolled:

Date:

Time:

Duration (Hours):

REGISTER NUMBER	NAME OF THE STUDENT	11/10/2021				12/10/2021				13/10/2021				21/10/2021				22/10/2021				STUDENT SIGNATURE
		H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	
S1916601	Afrin Jennisha A	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Jennisha
S1916602	Angel Cindrella	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	Angel Cindrella.S

REGISTER NUMBER	NAME OF THE STUDENT	11/10/2021				12/10/2021				13/10/2021				21/10/2021				22/10/2021				STUDENT SIGNATURE				
		H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4					
S1916603	Anjali Kumari	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	9	10	11	12	13	14	15	16	Anjali Kumari
S1916604	Anushiya Mary	21	22	23	24	25	26	27	28	a	a	a	a	29	30	31	32	33	34	35	36					Anushiya Mary
S1916605	Arockya Sneha. D R	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Arockya Sneha
S1916606	Bhagyashree P. Kalagati	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32					Bhagyashree P. Kalagati
S1916607	Dharini R S	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40					Dharini R S
S1916608	Faiza Kouser	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	a	a	a	a					Faiza Kouser
S1916609	Jayashree M	21	22	23	24	a	a	a	a	25	26	27	28	a	a	a	a	29	30	31	32					Jayashree M
S1916610	Lavanya A	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40					Lavanya A
S1916611	Madeeha Firdouse	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					Madeeha Firdouse
S1916612	Maria Bharathi	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36					Maria Bharathi
S1916613	Maria Dianna Princy	9	10	11	12	13	14	15	16	a	a	a	a	17	18	19	20	a	a	a	a					Maria Dianna Princy
S1916614	Niveditha V	17	18	19	20	a	a	a	a	21	22	23	24	25	26	27	28	29	30	31	32					Niveditha V
S1916615	Rehana Begum	a	a	a	a	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36					Rehana Begum
S1916616	Sangeetha K	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40					Sangeetha K
S1916617	Sushma Maria Christina	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40					Sushma Maria Christina
S1916618	Thuraka Mahitha	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36					Thuraka Mahitha
	TRAINER'S SIGNATURE	Premajyoti Bin				Premajyoti Bin				Premajyoti Bin				Premajyoti Bin				Premajyoti Bin								



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## ADD ON PROGRAM ATTENDANCE SHEET

Academic Year: 2021-22

Program Name: B.Sc(PMC)

Class: III B.Sc

Semester: V

Add On Program Name: PYTHON AND MACHINE LEARNING

Total Number of Students Enrolled: 18

Date: 4/10/2021 To 27/10/2021

Time: 9:00AM-12:00PM

Duration (Hours): 40

REGISTER NUMBER	NAME OF THE STUDENT	23/10/2021				25/10/2021				26/10/2021				27/10/2021				STUDENT SIGNATURE
		H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	
S1916601	Afrin Jennisha A	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	Jennisha
S1916602	Angel Cindrella	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	Angel Cindrella

REGISTER NUMBER	NAME OF THE STUDENT	23/10/2021				25/10/2021				26/10/2021				27/10/2021				STUDENT SIGNATURE
		H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	
S1916603	Anjali Kumari	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	Anjali Kumari
S1916604	Anushiya Mary	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	Anushiya Mary
S1916605	Arockya Sneha. D R	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	Arockya Sneha
S1916606	Bhagyashree P. Kalagati	a	a	a	a	33	34	35	36	37	38	39	40	41	42	43	44	Bhagyashree P. Kalagati
S1916607	Dharini R S	a	a	a	a	41	42	43	44	45	46	47	48	a	a	a	a	Dharini R S
S1916608	Faiza Kouser	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	Faiza Kouser
S1916609	Jayashree M	33	34	35	36	37	38	39	40	41	42	43	44	a	a	a	a	Jayashree M
S1916610	Lavanya A	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	Lavanya A
S1916611	Madeha Firdouse	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Madeha Firdouse
S1916612	Maria Bharathi	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	Maria Bharathi
S1916613	Maria Dianna Princy	a	a	a	a	33	34	35	36	37	38	39	40	41	42	43	44	Maria Dianna Princy
S1916614	Niveditha V	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	Niveditha V
S1916615	Rehana Begum	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	Rehana Begum
S1916616	Sangeetha K	41	42	43	44	a	a	a	a	a	a	a	a	a	a	a	a	Sangeetha K
S1916617	Sushma Maria Christina	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	Sushma Maria Christina
S1916618	Thuraka Mahitha	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	Thuraka Mahitha
	TRAINER'S SIGNATURE	Kumari B.				Kumari B.				Kumari B.				Kumari B.				

## PROFILE OF THE TRAINER

Name: PREMANJAN BISWAS

Qualification: MA (Economics), PGDAEIM (Applied Econometrics), PGDMSM (Marketing)

Designation: Analytics Consultant (Econometrics Global)

Company's Name and Address:

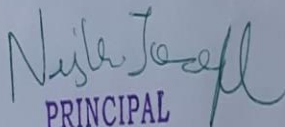
Econometrics Global (Numbur)

Premanjan Biswas

Trainer's signature

  
Head of the Department  
Bachelor of Science (PMC)  
St. Anne's Degree College For Women  
Halasuru, Bangalore - 560 008.



  
PRINCIPAL  
St. Anne's Degree College  
For Women  
# 23, Cambridge Road, Halasuru,  
Bangalore - 560 008.



# St. Anne's Degree College for Women

Affiliated to Bengaluru City University Recognized by UGC under Section (2f),  
Accredited by NAAC, ISO 9001: 2015 Certified Institution  
Halasuru, Bengaluru - 560008



## ADD ON PROGRAM ATTENDANCE SHEET

Academic Year: 2021-22

Program Name: B.Sc(PMC)

Class: II B.Sc

Semester: III

Add On Program Name: *Python*

Total Number of Students Enrolled:

Date:

Time:

Duration (Hours):

REGISTER NUMBER	NAME OF THE STUDENT	04/10/2021				05/10/2021				07/10/2021				08/10/2021				09/10/2021				STUDENT SIGNATURE
		H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	
S2016601	Adhan M	1	2	3	4	5	6	7	8	a	a	a	a	9	10	11	12	13	14	15	16	Adhan.M
S2016602	Deeksha K	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	<i>[Signature]</i>

*2/10/2021*  
*Adhan M*  
*Deeksha K*

REGISTER NUMBER	NAME OF THE STUDENT	04/10/2021				05/10/2021				07/10/2021				08/10/2021				09/10/2021				STUDENT SIGNATURE	
		H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4		
S2016603	Deepthi K	1	2	3	4	a	a	a	a	5	6	7	8	a	a	a	a	a	a	a	a	a	<u>Deepthi K</u>
S2016604	G Gomathi	a	a	a	a	a	a	a	a	1	2	3	4	5	6	7	8	9	10	11	12	<u>Gomathi G</u>	
S2016605	Jyothi S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	<u>Jyothi S</u>	
S2016606	Sandhya S T	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	<u>Sandhya S T</u>	
S2016607	Shirshitha K	a	a	a	a	a	a	a	a	a	a	a	a	1	2	a	a	a	a	a	a	<u>Shirshitha K</u>	
S2016608	Sneha M	a	a	a	a	a	a	a	a	1	2	3	4	5	6	7	8	9	10	11	12	<u>Sneha M</u>	
S2016609	Vindhiya S T	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	<u>Vindhiya S T</u>	
	TRAINER'S SIGNATURE	<u>Premaja Bis</u>				<u>Premaja Bis</u>				<u>Premaja Bis</u>				<u>Premaja Bis</u>				<u>Premaja Bis</u>					



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Halasuru, Bengaluru - 560008



## ADD ON PROGRAM ATTENDANCE SHEET

Academic Year: 2021-22

Program Name: B.Sc(PMC)

Class: II B.Sc

Semester: III

Add On Program Name: Python

Total Number of Students Enrolled:

Date:

Time:

Duration (Hours):

REGISTER NUMBER	NAME OF THE STUDENT	11/10/21				12/10/21				13/10/21				21/10/21				22/10/21				23/10/21				25/10/21				26/10/21				27/10/21				STUDENT SIGNATURE
		H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4					
S2016601	Adhan M	17	18	19	20	21	22	23	24	25	26	27	-	28	29	30	-	31	32	33	34	Adhan M																
S2016602	Deeksha K	21	22	23	24	25	26	27	28	29	30	a	-	31	a	32	-	33	34	35	36	Deeksha K																

REGISTER NUMBER	NAME OF THE STUDENT	11/10/21				12/10/21				21/10/21				22/10/21				25/10/21				26/10/21				STUDENT SIGNATURE	
		H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4		
S2016603	Deepthi K	a	a	9	10	11	12	a	a	a	a	-	13	14	15	16	-	17	18	19	20						
S2016604	G Gomathi	13	14	15	16	17	18	19	20	21	22	-	23	24	25	26	-	27	28	29	30	Gomathi G					
S2016605	Jyothi S	21	22	23	24	25	26	27	28	29	30	-	31	32	33	34	-	35	36	37	38	Jyothi S					
S2016606	Sandhya S T	21	22	23	24	25	26	27	28	29	30	-	31	32	33	34	-	35	36	37	38	Sandhya S-T					
S2016607	Shirshitha K	a	a	a	a	a	a	3	4	5	6	-	7	8	9	10	-	11	a	a	a	Shirshitha K					
S2016608	Sneha M	a	a	13	14	15	16	17	18	19	20	-	21	22	23	24	-	25	26	a	a	Sneha M					
S2016609	Vindhiya S T	21	22	23	24	25	26	27	28	29	30	-	31	32	33	34	-	35	36	37	38	Vindhiya S T					
	TRAINER'S SIGNATURE	Purnima Bin				Purnima Bin				Purnima Bin				Purnima Bin				Purnima Bin									

## PROFILE OF THE TRAINER

Name: Premajanbin

Qualification: MA (Economics) PhDARIM (Applied Statistics), PhDMSM (Marketing Management)

Designation: Consultant (Freelance, Acumatic Global)

Company's Name and Address:

Acumatic Global (Mumbai)

Premajanbin

Trainer's signature

Head of the Department

Bachelor of Science (PMC)

Anne's Degree College For Women  
Halasuru, Bangalore - 560 008.



Nisha Joseph

PRINCIPAL

St. Anne's Degree College  
For Women

# 23, Cambridge Road, Halasuru,  
Bangalore - 560 008.



## BACHELOR OF ARTS

### NOTICE

Date: 23rd Sept 2021

### ADD ON PROGRAMME

This is to inform all students that ADD ON PROGRAMME will be conducted from 4<sup>th</sup> October 2021 to 22<sup>nd</sup> October 2021. Attendance is compulsory. For further details contact the undersigned.

*Albert*  
23/9/21  
HOD

Head of the Department  
Department of Humanities  
St. Anne's Degree College  
#23, Cambridge Road, Halasuru  
Bangalore - 560008



*Nisla. Joseph*  
Principal

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For Women  
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# **ADD-ON SYLLABUS**

## **B.COM/BBA/BA**

### **CHAPTER 1- GETTING ACQUAINTED WITH EXCEL**

- 1.1- About Excel
- 1.2- The Excel Environment
  - 1.3- The Title Bar
  - 1.4- The Ribbon
  - 1.5- Scroll Bars
  - 1.6- The Microsoft Office Button
  - 1.7- The Quick Access Toolbar
  - 1.8- The Formula Bar
  - 1.9- The Workbook Window
  - 1.10- The Status Bar
  - 1.11- The Workbook View Buttons
  - 1.12- The Zoom Slider
  - 1.13- The Mini Toolbar
  - 1.14- Keyboard Shortcuts

### **CHAPTER 2- CREATING BASIC WORK- BOOKS**

- 2.1- Creating New Workbooks
- 2.2- Saving Workbooks
- 2.3- Closing Workbooks
- 2.4- Opening Workbooks
- 2.5- Selecting Cells
- 2.6- Entering Text into Cells
- 2.7- Entering Numbers into Cells
  - 2.8- AutoComplete
  - 2.9- Pick from Drop-Down List
- 2.10- Using the "Window" Command Group
  - 2.11- Switching to Full Screen View
  - 2.12- Renaming Workbooks
  - 2.13- Working with Excel File Formats

### **CHAPTER 3- USING RANGES**

- 3.1- Selecting Ranges
- 3.2- Ranged Data
- 3.3- Using AutoFill

## **CHAPTER 4- CREATING FORMULAS**

- 4.1- Ranged Formula Syntax
- 4.2- Simple Formula Syntax
- 4.3- Writing Formulas
- 4.4- Using AutoSum
- 4.5- Inserting Functions
- 4.6- Editing a Range
- 4.7- Formula AutoCorrect
- 4.8- AutoCalculate

## **CHAPTER 5- COPYING & PASTING FORMU- LAS**

- 5.1- Relative References and Absolute References
- 5.2- Cutting, Copying & Pasting Data
- 5.3- Auto Filling
- 5.4- The Undo Button
- 5.5- The Redo Button

## **CHAPTER 6- COLUMNS & ROWS**

- 6.1- Selecting Columns and Rows
- 6.2- Adjusting Column Width and Row Height
- 6.3- Hiding and Unhiding Columns and Rows
- 6.4- Inserting and Deleting Columns and Rows

## **CHAPTER 7- FORMATTING WORKSHEETS**

- 7.1- Formatting Cells
- 7.2- The Format Cells Dialog Box
- 7.3- Clearing All Formatting from Cells
- 7.4- Copying All Formatting from Cells to Another Area

## **CHAPTER 8- WORKSHEET TOOLS**

- 8.1- Moving between Worksheets
- 8.2- Selecting Multiple Worksheets
- 8.3- Inserting and Deleting Worksheets
- 8.4- Renaming Worksheets
- 8.5- Coloring Worksheet Tabs
- 8.6- Copying or Moving Worksheets

## **CHAPTER 9- SETTING WORKSHEET LAY- OUT**

- 9.1- Using Page Break Preview
- 9.2- Using the Page Layout View
- 9.3- The Page Setup Dialog Box

## **CHAPTER 10- PRINTING WORKSHEETS**

10.1- Using Print Preview

10.2- Printing Worksheets

## **CHAPTER 11- HELPING YOURSELF**

11.1- Using Excel Help

## **CHAPTER 12- 3D FORMULAS**

12.1- Creating 3D Formulas

12.2- 3D Formula Syntax

12.3- Creating 3D Range References

## **CHAPTER 13- NAMED RANGES**

13.1- Naming Ranges

13.2- Creating Names from Headings

13.3- Moving to a Named Range

13.4- Using Named Ranges in Formulas

13.5- Naming 3D Ranges

13.6- Managing Named Ranges

## **CHAPTER 14- CONDITIONAL FORMATTING AND CELL STYLES**

14.1- Conditional Formatting

14.2- Finding Cells with Conditional Formatting

14.3- Clearing Conditional Formatting

14.4- Using Table and Cell Styles

## **CHAPTER 15- PASTE SPECIAL**

15.1- Using Paste Special

15.2- Pasting Linked Formulas

## **CHAPTER 16- SHARING WORKBOOKS**

16.1- Sharing Workbooks

16.2- Highlighting Changes

16.3- Reviewing Changes

16.4- Using Comments

16.5- Compare and Merge Workbooks

## **CHAPTER 17- AUDITING WORKSHEETS**

17.1- Auditing Worksheets

17.2- Tracing Precedent and Dependent Cells

17.3- Tracing Errors

## **CHAPTER 18- OUTLINING WORKSHEETS**

18.1 Using Outlines

18.2 Applying and Removing Outlines

## **CHAPTER 19- CONSOLIDATING WORK- SHEETS**

19.1- Consolidating Data

## **CHAPTER 20- CREATING WORKSHEET CHARTS**

20.1- Creating Charts

20.2- Selecting Charts and Chart Elements

20.3- Moving and Resizing Charts

20.4- Changing the Chart Type

20.5- Changing the Data Range

20.6- Switching Column and Row Data

20.7- Choosing a Chart Layout

20.8- Choosing a Chart Style

20.9- Printing Charts

20.10- Deleting Charts

## **CHAPTER 21- EDITING AND FORMATTING CHARTS**

21.1- Formatting Chart Objects

21.2- Inserting Objects into a Chart

21.3- Changing Chart Labels

21.4- Changing Axes Display

21.5- Changing the Chart Background

21.6- Applying Chart Analysis Lines

21.7- Naming Charts

21.8- Applying Shape Styles to Chart Elements

21.9- Applying WordArt Styles to Chart Elements

21.10- Saving Custom Chart Templates

## **CHAPTER 22- PIVOTTABLES**

22.1- Creating PivotTables and PivotCharts

22.2- Manipulating a PivotTable

22.3- Changing Calculated Value Fields

22.4- Applying PivotTable Styles

22.5- Creating a PivotChart

**CHAPTER 23- TABLES**

- 23.1- Creating a Table
- 23.2- Adding and Editing Records
- 23.3- Inserting Records and Fields
- 23.4- Deleting Records and Fields

**CHAPTER 24- SORTING DATA**

- 24.1- Sorting Data
- 24.2- Custom Sort Orders

**CHAPTER 25- FILTERING DATA**

- 25.1- Using AutoFilters
- 25.2- Using the Top 10 AutoFilter
- 25.3- Applying a Custom AutoFilter
- 25.4- Creating Advanced Filters
- 25.5- Applying Multiple Criteria
- 25.6- Using Complex Criteria
- 25.7- Copying Filtered Results to a New Location
- 25.8- Using Database Functions

**CHAPTER 26- USING WHAT-IF ANALYSIS**

- 26.1- Using Data Tables
- 26.2- Using Scenario Manager
- 26.3- Using Goal Seek

**CHAPTER 27- TABLE-RELATED FUNCTIONS**

- 27.1- The Hlookup and Vlookup Functions
- 27.2- Using the IF, AND, and OR Functions

**CHAPTER 28- SECURITY FEATURES**

- 28.1- Unlocking Cells
- 28.2- Worksheet Protectio
- 28.3- Workbook Protection
- 28.4- Password Protecting Excel Files

**CHAPTER 29- MAKING MACROS**

- 29.1- Recording Macros
- 29.2- Running and Deleting Recorded Macros
- 29.3- The Personal Macro Workbook

*Albert*  
Head of the Department  
Department of Humanities  
Anne's Degree College for Women  
#23, Cambridge Road, Halasuru  
Bengaluru - 560 008



*Nide Joseph*  
PRINCIPAL  
St. Anne's Degree College  
For Women  
# 23, Cambridge Road, Halasuru,  
Bangalore - 560 008.



**ATTENDANCE SHEET**

Academic year: 2021-22

Program Name: BA

Class: 11 BA

Semester: *IV Semester*

Date: *4.10.21 - 22.10.21*

Add on Program Name: *EXCEL*

Total number of students enrolled: *14*

Time: *9-12*

Duration (hours): *4 Hours*

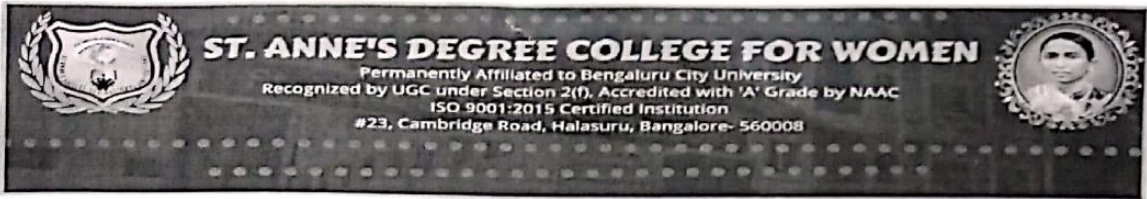
Sl. No	Name of the students	4.10.21				5.10.21				7.10.21				9.10.21				Signature
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1	Ammu R	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	<i>Ammu</i>
2	Claudia Thomas	P	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	<i>Claudia</i>
3	Jennifer I	P	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	<i>Jennifer</i>
4	Maria Shalini K	P	P	P	P	P	P	P	P	A	A	A	A	A	A	A	A	<i>Maria</i>
5	Madeeha Fathima	P	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	<i>Madeeha</i>
6	Monica R	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	<i>Monica</i>
7	Monica S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Monica</i>
8	Navya Rani V	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	<i>Navya</i>
9	Roshanti Soren	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Roshanti</i>
10	Shree Ranjini	P	P	P	P	P	P	P	P	A	A	A	A	A	A	A	A	<i>Shree Ranjini</i>
11	Shreesha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Shreesha</i>
12	Suchithra	P	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	<i>Suchithra</i>
13	Akshatha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	<i>Akshatha</i>
14	Hemiasha	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	<i>Hemiasha</i>

*Albert*  
 Head of the Department  
 Department of Humanities  
 Anne's Degree College for Women  
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 Bengaluru - 560 008



*Nisla Joseph*

**PRINCIPAL**  
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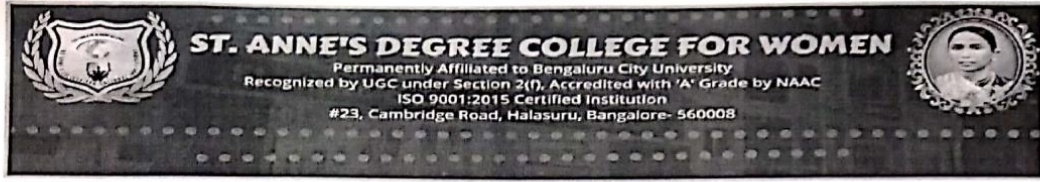
ATTENDANCE SHEET

Sl. No	Name of the students	11.10.21				12.10.21				13.10.21				14.10.21				Signature
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1	Ammu R	P	P	P	P	P	P	P	P	A	A	A	A	P	P	P	P	Ammu
2	Claudia Thomas	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	Claudia
3	Jennifer I	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Jennifer
4	Maria Shalini K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Maria
5	Madeeha Fathima	A	A	A	A	A	A	A	A	A	P	P	P	P	P	P	P	Madeeha
6	Monica R	A	A	A	A	A	A	A	A	P	P	P	P	P	P	P	P	Monica
7	Monica S	P	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	Monica
8	Navya Rani V	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	Navya
9	Roshanti Soren	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	Roshanti
10	Shree Ranjini	P	P	P	P	P	P	P	A	A	A	A	P	P	P	P	P	Shree Ranjini
11	Shreesha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Shreesha
12	Suchithra	P	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	Suchithra
13	Akshatha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Akshatha
14	Hemiasha	P	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	Hemiasha

*Albert*  
 Head of the Department  
 Department of Humanities  
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 Bengaluru - 560 008



*Niste. Joseph*  
 PRINCIPAL  
 St. Anne's Degree College  
 For Women  
 # 23, Cambridge Road, Halasuru  
 Bangalore - 560 008.



PROFILE OF THE TRAINER:

NAME: ANIL KUMAR  
QUALIFICATION: MBA  
DESIGNATION : Lecturer  
COMPANY NAME AND ADDRESS: Ulsor.  
TRAINERS SIGNATURE :

  
Head of the Department  
Department of Humanities  
Anne's Degree College for Women  
#23, Cambridge Road, Halasuru  
Bengaluru - 560 008



  
PRINCIPAL  
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## **HEARING IMPAIRMENT**

### **Unit 1 Historical aspects of Hearing Impairment**

- 1.1 Historical development in India, Abroad
- 1.2 Psychological, Behavioural Characteristics
- 1.3 Social, Work adjustment of Hearing Impaired
- 1.4 Implications of Hearing Impairment on Personality development
- 1.5 Effects of Hearing Impairment on Intellectual abilities, Personality, Verbalism

### **Unit 2 Assessments**

- 2.1 Purpose, Type of Assessment
- 2.2 Types of Assessments, Audiometer, Different types of Audiometer
- 2.3 Audiology, Audiogram, Uses of Audiogram
- 2.4 Survey techniques, Methods in Survey
- 2.5 Sustainance & Viability

### **Unit 3 Communication Methods**

- 3.1 Oral method – development of residual hearing, auditory training, speech reading, AVT
- 3.2 MRM – definitions, types, usage
- 3.3 Manual method – Sign Language, Finger Spelling, Sign supported English, Gesture, Body language, Cued Speech
- 3.4 Total Communication – definition, classification, significance, structure
- 3.5 Other methods – Rochester Method

### **Unit 4 Speech and Language**

- 4.1 Definition – Speech & Language development
- 4.2 Process & development of speech and language (age 1- 5 years)
- 4.3 Speech problems, promoting speech & language development



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## Department of Rehabilitation Science

### CIRCULAR

7<sup>th</sup> June 2021


The students of III BSc Rehabilitation Science are hereby informed that value added programme for the academic year 2021-2022 is scheduled from 7<sup>th</sup> June 2021 onwards.

Title of Programme : Sign Language

Venue : Chandrashekar Institute

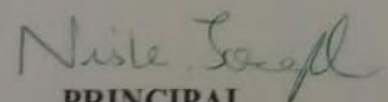
Timings : 9:00 - 4:00

" Attendance is compulsory"

  
HOD

Head of the Department  
Department of Rehabilitation Science  
St. Anne's Degree College for Women  
# 23, Cambridge Road, Halasuru,  
Bangalore-560 008





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## SIGN LANGUAGE ATTENDANCE SHEET

Academic Year : 2021-2022

Program Name: Sign Language BSc Rehabilitation Science

Class : III BSc Rehab

Semester: 6<sup>TH</sup> Semester

Date : 07-06-21 to 29-07-21

Total number of students enrolled : 24

SL.NO.	NAME OF STUDENT	7/6	9/6	14/6	16/6	21/6	23/6	28/6	30/6	5/7	12/7	19/7	21/7	26/7	28/7	29/7	Signature
01	Abarna Auxilla	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	AR
02	Anusuya Acharya	1	2	3	4	5	6	7	A	A	8	9	10	11	12	13	Anusuya
03	Ashwathi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Ashwathi
04	Devangana	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Devangana
05	E Priyadarshini	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	E Priyadarshini
06	Firdous Banu M	1	2	3	4	5	A	A	A	6	7	8	9	10	11	12	Firdous
07	Honna Devi	1	2	A	A	A	3	4	5	6	7	8	9	10	11	12	Honna Devi

08	Javeria A	1	2	3	A	A	4	5	6	7	8	9	10	11	12	A	Javeria
09	Keethana M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Keethana
10	Khairunnisa Reheman	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Khairun
11	Liliya Vincent	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Liliya
12	M. Swarnanidhi	1	2	3	A	A	A	A	A	4	5	6	7	8	9	10	Swarn
13	Mathilde	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Mathilde
14	Mohammedi Musakan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Mohammedi
15	Nelli Jayashree	1	2	3	4	A	A	A	5	6	7	8	9	10	11	12	Nelli
16	Niveditha Banoshi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Niveditha
17	Preethi B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Preethi
18	Rakshitha KP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Rakshitha
19	Roshini Ranpaheli	1	2	3	A	A	A	A	4	5	6	7	8	9	10	11	Roshini
20	Shreekruthi	1	2	A	A	A	A	A	3	4	5	6	7	8	9	10	Shreekruthi
21	Sidrah Ruqaiyya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Sidrah
22	Sindhya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Sindhya
23	Asha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Asha

PROFILE OF THE TRAINER

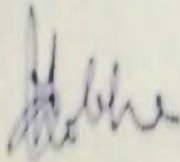
Name: Alpha Josph

Qualification: M.Sc Psychology

Designation: Associate Professor.

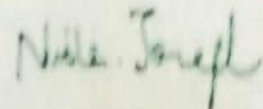
Company's Name and Address: SR Chandrasekar Institute of Speech and Hearing Impairment.

  
Teacher's Signature



Head of the Department  
Department of Rehabilitation Science  
St. Anne's Degree College for Women  
8-23, Cambridge Road, Malaburu,  
Bangalore-560 008





PRINCIPAL  
St. Anne's Degree College  
For Women  
# 23, Cambridge Road, Malaburu,  
Bangalore - 560 008.