



## **SUPPORTING DOCUMENTS**

### **3.5.2**

**NUMBER OF FUNCTIONAL MOUS WITH INSTITUTIONS, OTHER  
UNIVERSITIES, INDUSTRIES, CORPORATE HOUSES ETC.**

**(2023-2024)**



## TABLE OF CONTENTS

<b>Name of the MOU</b>	<b>Link</b>	<b>List of activities done under MOU</b>
St. Bede's College, Shimla and Technoledge Eduresearch Pvt Ltd.	<a href="https://www.stbedescollege.in/wp-content/uploads/2024/10/Adobe-Scan-19-Feb-2024-1.pdf">https://www.stbedescollege.in/wp-content/uploads/2024/10/Adobe-Scan-19-Feb-2024-1.pdf</a>	Add on courses, namely Advance Excel, Web designing, Digital Marketing, Python



## **TECHNOLEDGE EDURESEARCH PVT. LTD.**

Memorandum of understanding was signed between St. Bede's College, Shimla and Technoledge Eduresearch Pvt Ltd, 1271/10, 3rd Floor, Street No. 10, Kalkaji, New Delhi, 110019 on May 18, 2023.

### **LIST OF ACTIVITIES DONE UNDER MOU**

Under this MOU, add on courses, namely Advance Excel, Web designing, Digital Marketing, Python were offered to the students of the college for the session 2023-24. These courses were offered to BCA/B.Sc./ BA/B.Com students of first, second and first year. Eminent faculty of Technoledge Eduresearch Pvt Ltd has taken classes every week. Certificates were provided by Technoledge Eduresearch Pvt Ltd.

#### **❖ Web Designing**

**Class:** IST/IIND/IIIRD YEAR

**offered to:** BCA/BSC/ B.SC (H)

**Batches:** 3

#### **Objectives:**

- To learn basic concepts of internet technologies & web design and development
- To learn scripting languages
- To implement practically using website development software (notepad++ and web browser)

#### **Learning Outcomes:**

- Design web page with basic HTML tags
- Implement Cascading Style Sheets
- Dynamic Web page design using Java Script and Bootstrap
- Linking database with website using SQL and ReactJS

#### **Batch I**

Start Date: JULY 21, 2023

End date: December 15, 2023

#### **Batch II**

Start date: July 27, 2023

End date: December 15, 2023

Mode: Offline (COE LAB)

Total number of students enrolled: 111



Certification: 111

### ❖ **Digital Marketing**

**Classes:** IST/IIND/IIIRD YEAR

**Offered To:** B.COM/B.B.A

#### **Objectives:**

The Introduction to Digital Marketing course provides students with a comprehensive understanding of the core concepts, strategies, and tools used in the field of digital marketing. The course aims to equip students with the knowledge and skills necessary to effectively promote products, services, and brands in the digital realm.

#### **Learning outcomes:**

- Understand the basic knowledge of digital marketing.
- Understand the concept of digital marketing Metrics, Formulas and strategies
- Understand SEO and its importance
- Know the concept of paid advertisements, content marketing and social media marketing

#### **Batch 1**

Start date: July 24, 2023

End date: December 23, 2023

#### **Batch 2**

Start date: July 18, 2023

End date: December 23, 2023

#### **Batch 3**

Start date: July 21, 2023

End date: December 16, 2023

Mode: Offline (coe lab)

Total number of students enrolled: 146

Certification: 146

### ❖ **Advance Excel**

**Class:** IST/IIND/IIIRD Year

**Offered to:** B.A AND B.A. HONOURS

#### **Objectives:**



The Advanced Excel course helps in understanding the working with databases in Microsoft Excel using filtering, sorting and subtotals. This training course introduces students to PivotTables, Macros and Hyperlinks and teaches logical, lookup, reference, and statistical functions.

**Learning outcomes:**

- Understand the concept of spread sheet packages, basic concepts of Excel and applying basic excel formulas
- Understand the concept advance concepts and applying advance excels formulas on Ms-Excel.

**Batch 1**

Start date: July 21, 2023

end date: December 23, 2023

**Batch 2**

Start date: July 22, 2023

End date: December 23, 2023

**Batch 3**

Start date: July 20, 2023

End date: December 21, 2023

**Batch 4**

Start date: July 21, 2023

End date: December 21, 2023

**Batch 5**

Start date: July 25, 2023

End date: December 21, 2023

**Batch 6**

Start date: July 20, 2023

End date: December 23, 2023

**Batch 7**

Start date: July 20, 2023

End date: December 23, 2023



### **Batch 8**

Start date: July 21, 2023

End date: December 22, 2023

Mode: Offline (COE Lab)

Total number of students enrolled: 586

Certification: 586

### **❖ Python**

**Class:** IIND, IVTH & VITH Semester

**Offered to:** BCA

#### **Objectives:**

This course is designed for individuals who are new to programming or have limited experience with programming languages. Python is an easy-to-learn, high-level language that is popular for its readability and versatility, making it a great first language for beginners. Throughout the course, students will learn the fundamental concepts of programming using Python syntax and build practical applications through hands-on exercises and projects.

#### **Learning outcomes:**

- **Problem solving:** Develop problem-solving skills through practice and an understanding of programming methodologies
- **Python fundamentals:** Learn the basics of writing Python scripts, including variables and flow control structures
- **Data manipulation:** Learn how to manipulate data collections like lists, tuples, sets, and dictionaries
- **Code reuse:** Learn how to write functions to reuse code
- **File handling:** Learn how to read and write files in Python
- **Error handling:** Learn how to make code robust by handling errors and exceptions
- **Object-oriented programming:** Explore Python's object-oriented features

### **Batch I**

Start date: February 23, 2024

End date: April 4, 2024

Mode: Offline (COE LAB)



Total number of students enrolled: 30

Certification: 30

### List of activities done under MOU

- Lectures by Eminent Faculty
- Classes in offline mode
- Practical Implementation on Java/Notepad++/Web Browser/Ms-Excel
- Project submission
- Class Tests
- Certification

### Classes in offline mode

DIGITAL MARKETING  
2023-24

Sr No	Roll No	Student Name	Class	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	223002	Arpita Bhatia	B.Com - 2nd year	A	A	A	P	P	P	P	P	P	P	P	P	P	P
2	223003	Shreya Sahota	B.Com - 2nd year	A	A	A	P	P	P	P	P	P	P	P	P	P	P
3	223004	Aditi	B.Com - 2nd year	A	A	A	P	P	P	P	P	P	P	P	P	P	P
4	223005	Saavi	B.Com - 2nd year	A	A	A	P	P	P	P	P	P	P	P	P	P	P
5	223007	Tanya Chauhan	B.Com - 2nd year	A	A	A	P	P	P	P	P	P	P	P	P	P	P
6	223008	Shweta	B.Com - 2nd year	A	A	A	P	P	P	P	P	P	P	P	P	P	P
7	223010	Bhruvika Sharma	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	223012	Neha Sharma	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	223014	Surabhi	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	223015	Rakhi Sharma	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	223016	Harmanpreet Sharma	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	223017	Rajni Mitta	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	223018	Shreya Rapti	B.Com - 2nd year	A	P	A	P	P	P	P	P	P	P	P	P	P	P
14	223020	Arpita Bhatia	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	223021	Nandini Thakur	B.Com - 2nd year	A	P	P	P	P	P	P	P	P	P	P	P	P	P
16	223022	Pranavi Sharma	B.Com - 2nd year	A	P	P	P	P	P	P	P	P	P	P	P	P	P
17	223024	Lakshya Bhatia	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	223026	Mital Mitta	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	223027	Shweta Menon	B.Com - 2nd year	A	P	P	P	P	P	P	P	P	P	P	P	P	P
20	223029	Harika Thakur	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	223030	Rachna	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	223031	Gurpreet	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	223032	Chaitanya Kaur	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	223033	Kritika Mehra	B.Com - 2nd year	A	P	P	P	P	P	P	P	P	P	P	P	P	P
25	223034	Divya Dey	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	223035	Manish Yadav	B.Com - 2nd year	P	A	A	P	P	P	P	P	P	P	P	P	P	P
27	223036	Arushi	B.Com - 2nd year	A	P	P	P	P	P	P	P	P	P	P	P	P	P
28	223038	Pranavi Gautam	B.Com - 2nd year	A	P	P	P	P	P	P	P	P	P	P	P	P	P
29	223039	Arushi Thakur	B.Com - 2nd year	A	P	P	P	P	P	P	P	P	P	P	P	P	P
30	223040	Chaitanya Mehta	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
31	223041	Ashu Garg	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
32	223042	Chaitanya Mehta	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
33	223043	Arushi	B.B.A. - 1st Sem	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	223044	Prachi Gupta	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
35	223045	Arushi Kaur	B.B.A. - 1st Sem	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	223046	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
37	223047	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
38	223048	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
39	223049	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
40	223050	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
41	223051	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
42	223052	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
43	223053	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
44	223054	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
45	223055	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
46	223056	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
47	223057	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
48	223058	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P
49	223059	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P	P

mollym  
08/04/24  
Principal  
St. Bede's College  
Shimla

### Digital Marketing

Web Designing Batch - 3

Sr No	Roll No	Student Name	Class	1	2	3	4	5	6	7	8	9	10	11	12	13
1	223002	Arpita Bhatia	B.Com - 2nd year	A	A	A	P	P	P	P	P	P	P	P	P	P
2	223003	Shreya Sahota	B.Com - 2nd year	A	A	A	P	P	P	P	P	P	P	P	P	P
3	223004	Aditi	B.Com - 2nd year	A	A	A	P	P	P	P	P	P	P	P	P	P
4	223005	Saavi	B.Com - 2nd year	A	A	A	P	P	P	P	P	P	P	P	P	P
5	223007	Tanya Chauhan	B.Com - 2nd year	A	A	A	P	P	P	P	P	P	P	P	P	P
6	223008	Shweta	B.Com - 2nd year	A	A	A	P	P	P	P	P	P	P	P	P	P
7	223010	Bhruvika Sharma	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P
8	223012	Neha Sharma	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P
9	223014	Surabhi	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P
10	223015	Rakhi Sharma	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P
11	223016	Harmanpreet Sharma	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P
12	223017	Rajni Mitta	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P
13	223018	Shreya Rapti	B.Com - 2nd year	A	P	P	P	P	P	P	P	P	P	P	P	P
14	223020	Arpita Bhatia	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P
15	223021	Nandini Thakur	B.Com - 2nd year	A	P	P	P	P	P	P	P	P	P	P	P	P
16	223022	Pranavi Sharma	B.Com - 2nd year	A	P	P	P	P	P	P	P	P	P	P	P	P
17	223024	Lakshya Bhatia	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P
18	223026	Mital Mitta	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P
19	223027	Shweta Menon	B.Com - 2nd year	A	P	P	P	P	P	P	P	P	P	P	P	P
20	223029	Harika Thakur	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P
21	223030	Rachna	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P
22	223031	Gurpreet	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P
23	223032	Chaitanya Kaur	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P
24	223033	Kritika Mehra	B.Com - 2nd year	A	P	P	P	P	P	P	P	P	P	P	P	P
25	223034	Divya Dey	B.Com - 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P
26	223035	Manish Yadav	B.Com - 2nd year	P	A	A	P	P	P	P	P	P	P	P	P	P
27	223036	Arushi	B.Com - 2nd year	A	P	P	P	P	P	P	P	P	P	P	P	P
28	223038	Pranavi Gautam	B.Com - 2nd year	A	P	P	P	P	P	P	P	P	P	P	P	P
29	223039	Arushi Thakur	B.Com - 2nd year	A	P	P	P	P	P	P	P	P	P	P	P	P
30	223040	Chaitanya Mehta	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
31	223041	Ashu Garg	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
32	223042	Chaitanya Mehta	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
33	223043	Arushi	B.B.A. - 1st Sem	P	P	P	P	P	P	P	P	P	P	P	P	P
34	223044	Prachi Gupta	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
35	223045	Arushi Kaur	B.B.A. - 1st Sem	P	P	P	P	P	P	P	P	P	P	P	P	P
36	223046	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
37	223047	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
38	223048	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
39	223049	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
40	223050	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
41	223051	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
42	223052	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
43	223053	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
44	223054	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
45	223055	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
46	223056	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
47	223057	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
48	223058	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P
49	223059	Arushi Kaur	B.B.A. - 1st Sem	A	P	P	P	P	P	P	P	P	P	P	P	P

mollym  
08/04/24  
Principal  
St. Bede's College  
Shimla

### Web Designing



PYTHON 2023-24 *Baleh - 9*

Sr No	Roll No	Student Name	Class	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	236001	Parul Thakur	B.C.A. - 1st yr	P	P	P	P	P	P	HOLIDAY	P	P	P	A	P	P	A	A	P
2	236002	Shravya Kaulish	B.C.A. - 1st yr	P	P	P	P	P	P	HOLIDAY	P	P	P	A	P	P	A	A	P
3	236004	Shivani Verma	B.C.A. - 1st yr	P	P	P	P	P	P	HOLIDAY	A	P	P	A	A	P	A	A	P
4	236005	Navya Thakur	B.C.A. - 1st yr	P	P	P	P	P	P	HOLIDAY	A	P	P	A	A	P	A	A	P
5	236006	Tarana Sharma	B.C.A. - 1st yr	P	P	P	P	P	P	HOLIDAY	P	P	P	A	P	P	A	A	P
6	236007	Riyanshi	B.C.A. - 1st yr	P	P	P	P	P	P	HOLIDAY	A	A	A	A	P	A	A	A	P
7	236008	Anshika Thakur	B.C.A. - 1st yr	P	P	P	P	P	P	HOLIDAY	A	A	A	A	P	P	A	A	P
8	236009	Dnyu	B.C.A. - 1st yr	P	P	P	P	P	P	HOLIDAY	A	A	A	A	P	P	P	P	P
9	236012	Prema Thakur	B.C.A. - 1st yr	P	P	P	P	P	P	HOLIDAY	A	A	A	A	P	P	P	P	P
10	236013	Vidisha	B.C.A. - 1st yr	P	P	P	P	P	P	HOLIDAY	A	P	P	A	A	P	A	A	P
11	236014	Kenika	B.C.A. - 1st yr	P	P	P	P	P	P	HOLIDAY	P	P	A	A	A	P	A	A	P
12	236015	Nishkanti	B.C.A. - 1st yr	P	P	P	P	P	P	HOLIDAY	P	P	P	A	P	P	A	A	P
13	236016	Niharika Sharma	B.C.A. - 1st yr	P	P	P	P	P	P	HOLIDAY	P	P	A	A	P	P	A	A	P
14	226001	Palak Thakur	B.C.A. - 2nd yr	P	P	P	P	P	P	HOLIDAY	P	P	P	A	P	P	P	P	P
15	226002	Hardika Verma	B.C.A. - 2nd yr	P	P	P	P	P	P	HOLIDAY	A	P	P	A	P	P	P	P	P
16	226004	Muskan Kapoor	B.C.A. - 2nd yr	P	P	P	P	P	P	HOLIDAY	A	P	P	A	P	P	P	P	P
17	226005	Mahima Sharma	B.C.A. - 2nd yr	P	P	P	P	P	P	HOLIDAY	A	A	A	A	A	P	A	A	P
18	226006	Sneha Kalyan	B.C.A. - 2nd yr	P	P	P	P	P	P	HOLIDAY	A	A	P	A	P	P	P	P	P
19	226007	Sneha Chander	B.C.A. - 2nd yr	P	P	P	P	P	P	HOLIDAY	A	A	P	A	P	P	P	P	P
20	226008	Sejal Ganate	B.C.A. - 2nd yr	P	P	P	P	P	P	HOLIDAY	P	P	P	A	A	P	A	A	P
21	226009	Ankita Negi	B.C.A. - 2nd yr	P	P	P	P	P	P	HOLIDAY	P	A	P	A	P	P	P	P	P
22	226010	Aditi	B.C.A. - 2nd yr	P	P	P	P	P	P	HOLIDAY	P	A	P	A	A	P	P	P	P
23	226011	Tania	B.C.A. - 2nd yr	P	P	P	P	P	P	HOLIDAY	P	A	A	A	A	P	P	P	P
24	216002	Nikita Sharma	B.C.A. - 3rd yr	P	P	P	P	P	P	HOLIDAY	A	A	P	A	P	P	P	P	P
25	216004	Pragya Vatsa Thakur	B.C.A. - 3rd yr	P	P	P	P	P	P	HOLIDAY	A	A	A	A	P	P	P	P	P
26	216006	Riya Bati	B.C.A. - 3rd yr	P	P	P	P	P	P	HOLIDAY	A	A	A	A	A	P	P	P	P
27	216008	Isha Kuman	B.C.A. - 3rd yr	P	P	P	P	P	P	HOLIDAY	A	P	P	A	A	P	P	P	P
28	216015	Muskan Sharma	B.C.A. - 3rd yr	P	P	P	P	P	P	HOLIDAY	A	A	P	A	P	P	P	P	P
29	216007	Akshita	B.C.A. - 3rd yr	P	P	P	P	P	P	HOLIDAY	A	A	P	A	P	P	P	P	P
30	216001	Manasvi	B.C.A. - 3rd yr	P	P	P	P	P	P	HOLIDAY	P	P	P	P	P	P	A	A	P
57		Total Student		30	30	30	30	30	30	0	12	15	20	1	17	30	16	16	30

*molly*  
Principal  
St. Bede's College  
Shimla

## Python

ADVANCE EXCEL 2023-24 *B-8*

Sr No	Roll No	Student Name	Class	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	234004	Aadriya Ray Chaudhury	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
2	234007	Aastha Sood	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
3	234002	Akanisha Rana	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
4	234017	Arisha Thakur	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
5	234029	Avrohi	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
6	234028	Chynel Thomas	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
7	234009	Devyani Chauhan	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
8	234019	Diya Chandel	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
9	234021	Jyotika Chandel	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
10	234012	Kritika Thakur	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
11	234010	Manisha Thakur	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
12	234005	Mannat Verma	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
13	234022	Manu Sharma	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
14	234008	Mehak Chauhan	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
15	234006	Mitali Kaistha	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
16	234013	Parul Kapoor	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
17	234027	Rakshita Chaturvedi	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
18	234026	Ridhima Munjal	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
19	234016	Sakshi Sharma	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
20	234030	Shayontika Chakraborty	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
21	234025	Srishti Verma	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
22	234001	Taniya	English (h) 1st year/A	P	A	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
23	234011	Tanvi Hetta	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
24	234011	Tapasya Guleria	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
25	234020	Urnati Shree	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
26	234003	Vibhuti Pandyal	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
27	234014	Yakshita Thakur	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
28	234023	Yashika Chitra	English (h) 1st year/A	P	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P
29	234032	Angel Verma	English (h) 1st year/A	A	P	P	P	P	P	Govt. Holiday	P	P	Govt. Holiday	Govt. Holiday	P	P	P	P	P	P	P	P	P

*molly*  
22/02/24  
Principal  
St. Bede's College  
Shimla

## Advance Excel

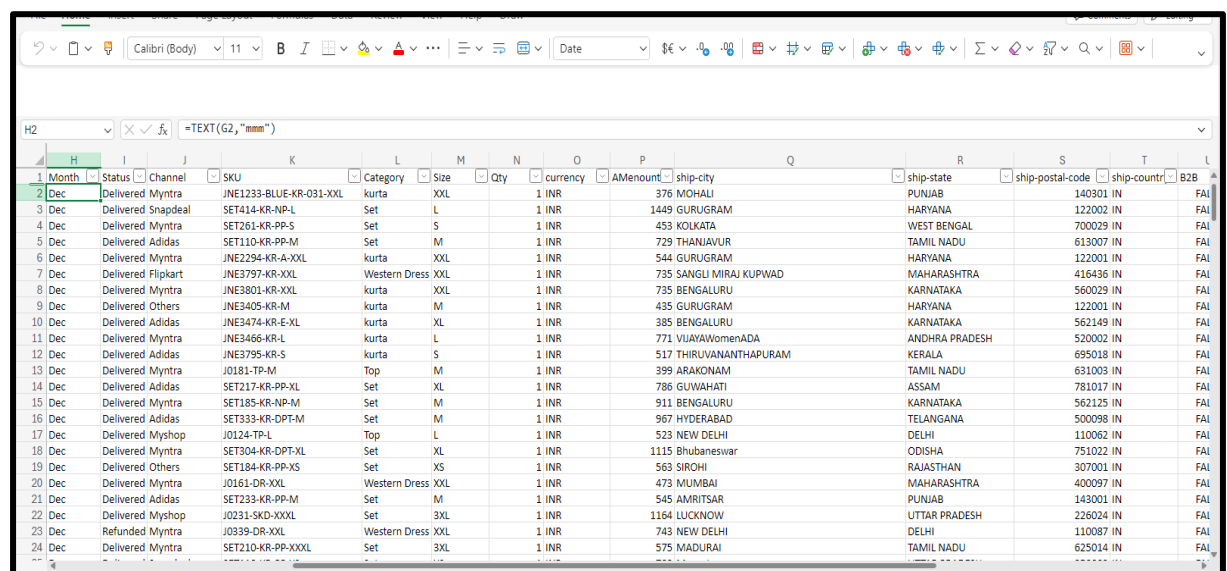


## PRACTICAL IMPLEMENTATION

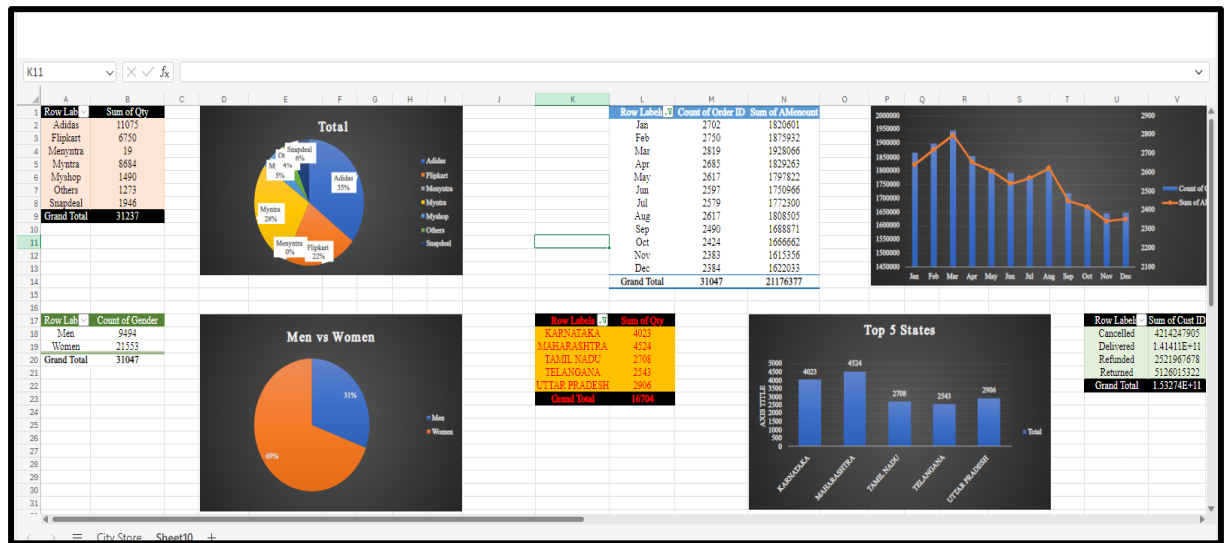
### Web Designing



*Web Designing*



## Projects



```

Hardika verma(BCA project to do application)
File Edit View Insert Runtime Tools Help Changes will not be saved

+ Code + Text Copy to Drive

#name- Hardika verma
#class-BCA 2nd year
#project name-to do list application
#software used- Google collab python notebook

import os
#create a class TodoListManager
class TodoListManager:
    #def() function used in program to define a function
    #init function used for initialising newly created object
    def __init__(self):
        self.todo_list = []
        self.filename = "todo.txt"

    #loaded file from object self and used if & with statement
    def load_from_file(self):
        if os.path.exists(self.filename):
            # 'r' used for reading
            with open(self.filename, "r") as file:
                self.todo_list = [line.strip() for line in file.readlines()]

    def save_to_file(self):
        # 'w' used for writing file & for statement used
        with open(self.filename, "w") as file:
            for item in self.todo_list:
                file.write(item + "\n")
            print("TODO List saved to 'todo.txt'.")

    def view_todo_list(self):
        if not self.todo_list:
            print("TODO List is empty!")
        else:
            print(self.todo_list)

if __name__ == "__main__":
    main()
  
```

```

if __name__ == "__main__":
    main()

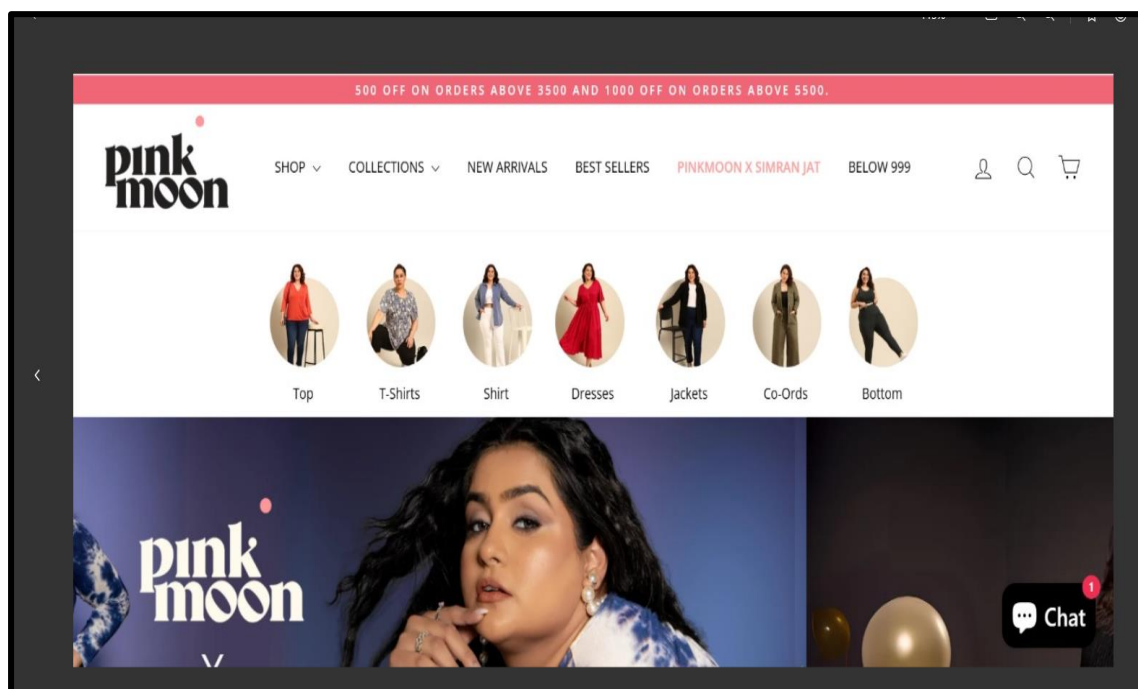
...

TODO List Menu:
1. View TODO List
2. Add Item to TODO List
3. Mark Item as Completed
4. Clear Completed Items
5. Exit
Enter your choice: 1
TODO List is empty!

TODO List Menu:
1. View TODO List
2. Add Item to TODO List
3. Mark Item as Completed
4. Clear Completed Items
5. Exit
Enter your choice: 1
TODO List is empty!

TODO List Menu:
1. View TODO List
2. Add Item to TODO List
3. Mark Item as Completed
4. Clear Completed Items
5. Exit
Enter your choice:
  
```

## Projects



## Certificates



## Web Designing



### Advance Excel



### Digital Marketing



### Python

## Five Days Faculty Development Programme on “Academic Writing and Research Methodology: Multidisciplinary”

Department of computer science organized Five Day Faculty Development Programme on “Academic Writing and Research Methodology: Multidisciplinary” from December 26-30, 2023 in the seminar room from 10:00 AM – 4:00 PM.

### Objectives:

The primary objective of the Faculty Development Programme is to provide a platform for the faculty to have deeper understanding of research and data analysis using various online open-source tools and its visualization which will help them in their research work. It typically aims to enhance the skills and knowledge of faculty members across various disciplines.

### Learning outcomes:

Faculty members had equipped with the skills and knowledge needed to engage in high-quality multidisciplinary academic research and effective academic writing. They also understood the use of various open source softwares such as google colab, jupyter notebook, anaconda to name a few for data analysis and data visualization. The outcomes aimed to enhance the overall research productivity and impact of the participating faculty members.

### Poster



**St. Bede's College**  
 NAAC Re-Accredited A+ Grade

DEPARTMENT OF COMPUTER SCIENCE  
 IS ORGANISING  
 FIVE DAY  
 FACULTY DEVELOPMENT PROGRAMME  
 ON  
 ACADEMIC WRITING  
 AND  
 RESEARCH METHODOLOGY:  
 MULTIDISCIPLINARY

**December  
26-30, 2023**

**10:00 A.M. - 4:00 P.M.**

VENUE: SEMINAR ROOM

### Attendance Sheet

Sr.No.	Names of the Teaching Staff	Department	December 27, 2023	
			10:00 AM-1:00 PM	2:00 PM-4:00 PM
1	Prof. (Sr) Molly Abraham	Principal	<i>Molly</i>	<i>Molly</i>
2	Dr. Shruti Gupta	Biotechnology	<i>Shruti</i>	<i>Shruti</i>
3	Dr. Navdeep Thakur	Biotechnology	<i>Navdeep</i>	<i>Navdeep</i>
4	Dr. Preeti Kaundal	Botany	<i>Preeti</i>	<i>Preeti</i>
5	Dr. Kusum	Botany	<i>Kusum</i>	<i>Kusum</i>
6	Dr. Sangeeta Sharma	Botany	<i>Sangeeta</i>	<i>Sangeeta</i>
7	Ms. Titiksha Kamal	Botany	<i>Titiksha</i>	<i>Titiksha</i>
8	Dr. Madhu Bala	Chemistry	<i>Madhu</i>	<i>Madhu</i>
9	Dr. Maheshwar S. Thakur	Chemistry	<i>Maheshwar</i>	<i>Maheshwar</i>
10	Mr. Nishant	Chemistry	<i>Nishant</i>	<i>Nishant</i>
11	Dr. Savita Rana	Commerce and Management	<i>Savita</i>	<i>Savita</i>
12	Mr. Manu Mahajan	Commerce and Management	<i>Manu</i>	<i>Manu</i>
13	Mr. Parameet Agnihotri	Commerce and Management	<i>Parameet</i>	<i>Parameet</i>
14	Ms. Raman Bansi	Commerce and Management	<i>Raman</i>	<i>Raman</i>
15	Ms. Tania Chauhan	Commerce and Management	<i>Tania</i>	<i>Tania</i>
16	Ms. Neha Walia	Computer Science	<i>Neha</i>	<i>Neha</i>

Sr.No.	Names of the Teaching Staff	Department	10:00 AM-1:00 PM	2:00 PM-4:00 PM
17	Ms. Nivedita Bhardwaj	Computer Science	<i>Nivedita</i>	<i>Nivedita</i>
18	Dr. Anupama Tandon Tondar	Economics	<i>Anupama</i>	<i>Anupama</i>
19	Dr. Vishal Chauhan	Economics	<i>Vishal</i>	<i>Vishal</i>
20	Ms. Swati Kapil	Economics	<i>Swati</i>	<i>Swati</i>
21	Ms. Unnati Chauhan	Economics	<i>Unnati</i>	<i>Unnati</i>
22	Dr. Deepthi Pajni	English	<i>Deepthi</i>	<i>Deepthi</i>
23	Dr. Gitanjali Mahindra	English	<i>Gitanjali</i>	<i>Gitanjali</i>
24	Ms. Annette James	English	<i>Annette</i>	<i>Annette</i>
25	Ms. Charu Mukherjee	English	<i>Charu</i>	<i>Charu</i>
26	Ms. Oshreen Sharma	English	<i>Oshreen</i>	<i>Oshreen</i>
27	Ms. Snigdha Bhatti	English	<i>Snigdha</i>	<i>Snigdha</i>
28	Dr. Pankaj Anish	Geography	<i>Pankaj</i>	<i>Pankaj</i>
29	Mr. Anoop Kumar	Geography	<i>Anoop</i>	<i>Anoop</i>
30	Mr. Sanjeev Kumar	Geography	<i>Sanjeev</i>	<i>Sanjeev</i>
31	Ms. Tanika Thakur	Geography	<i>Tanika</i>	<i>Tanika</i>
32	Dr. Devina Aachaybur	Hindi	<i>Devina</i>	<i>Devina</i>
33	Ms. Arjana Deyi	Hindi	<i>Arjana</i>	<i>Arjana</i>
34	Mr. Parag Chauhan	History	<i>Parag</i>	<i>Parag</i>
35	Dr. Kanu Mehta	Mathematics	<i>Kanu</i>	<i>Kanu</i>
36	Mr. Sushil Kumar	Mathematics	<i>Sushil</i>	<i>Sushil</i>

*Attendance sheet of the Faculty Development Program*



*Five Day Faculty Development Program*

### Certificate (Sample)



*Sample certificate of the FDP*