

REPORT ON WORKSHOP OF FLUTTER

Date - June 8 to June 10,2023



The Artificial Intelligence Club of LPCPS conducted a 3-day workshop on 'Android Development with Flutter', focusing on the latest technological advancements and Android development.

Introduction Android app development has gained significant momentum in recent years, and developers are constantly seeking efficient frameworks to build high-quality applications. Flutter, a cross-platform development framework developed by Google, has emerged as a popular choice for Android development. This report provides a comprehensive overview of Android development with Flutter, exploring its features, benefits, and key considerations.

During the session, students were introduced to various concepts, including object-oriented programming, Flutter widgets, calling APIs using Flutter, and utilizing the SQLite database for local data storage on devices, to significantly enhance their knowledge in technical aspects.

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1. Overview of Flutter
2. What is Flutter?
3. Flutter Architecture
4. Dart Programming Language
5. Flutter Widgets and UI Development
6. Benefits of Flutter for Android Development
7. Cross-Platform Development
8. Hot Reload and Developer Productivity
9. Rich UI and Customization
10. Access to Native Features and APIs
11. Performance and Speed
12. Growing Community and Ecosystem
13. Key Concepts and Features
14. Widgets: Building Blocks of Flutter Apps
15. State Management
16. Routing and Navigation
17. Animations and Transitions
18. Testing and Debugging
19. Internationalization and Localization
20. Development Environment Setup

Following are the speakers of the session:

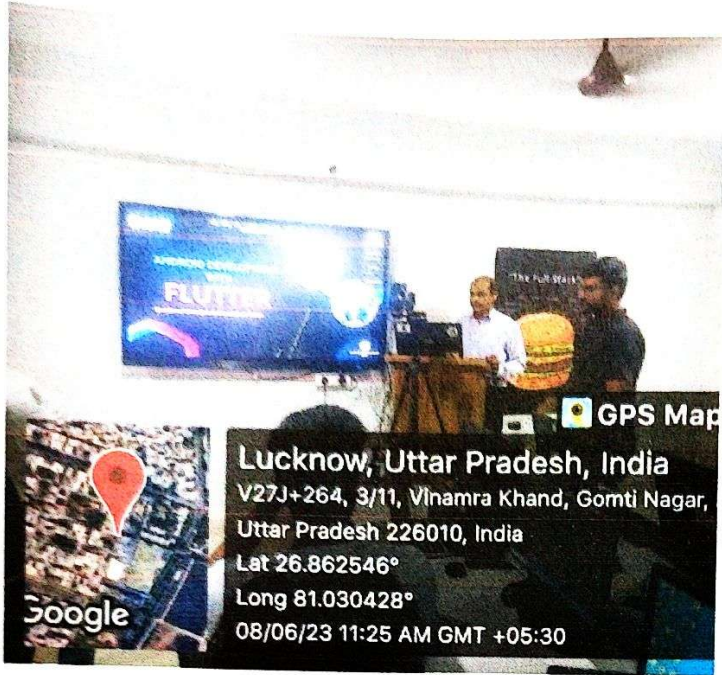
- Mohd. Zuhaib Khan
- Ravi Tiwari

Below are the pictures of the workshop:

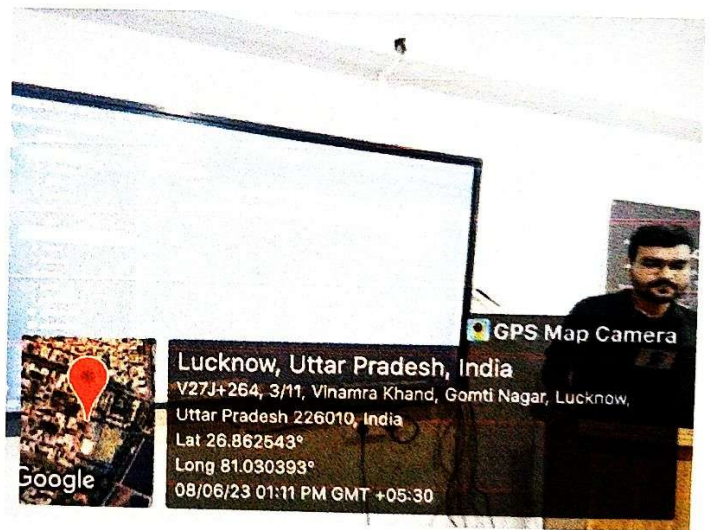
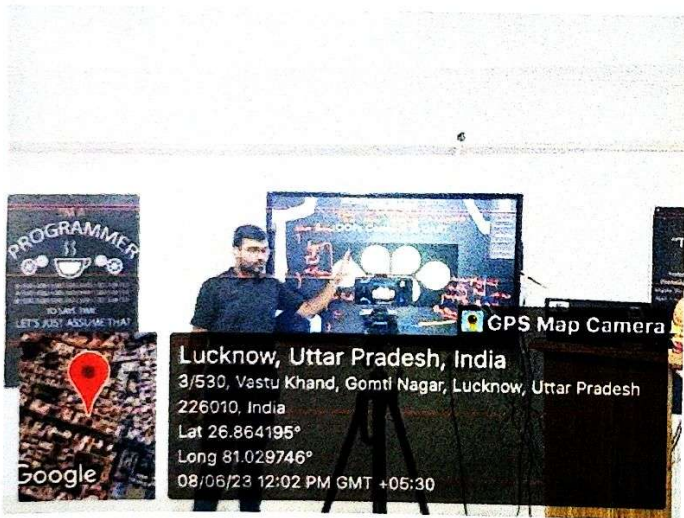

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DAY 1:

Session :1



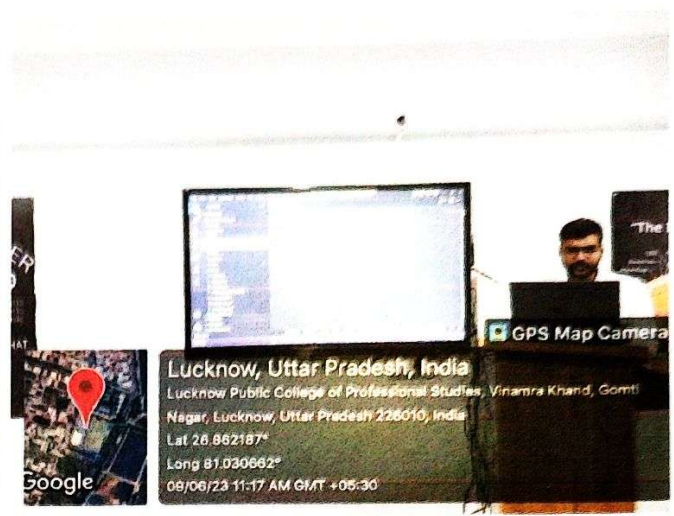
Session :2



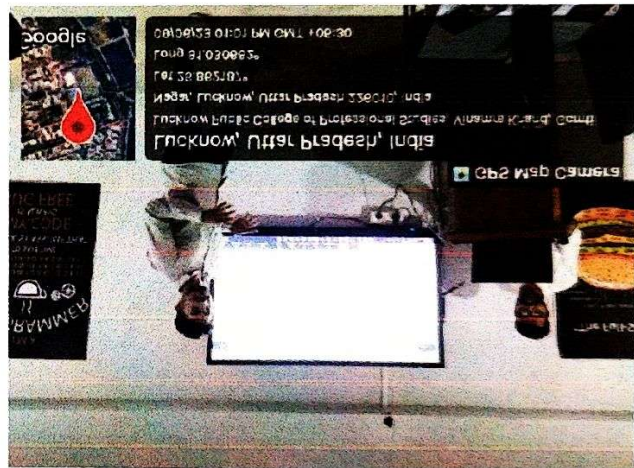
Asst. Prof.
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Day 2:

Session 1:



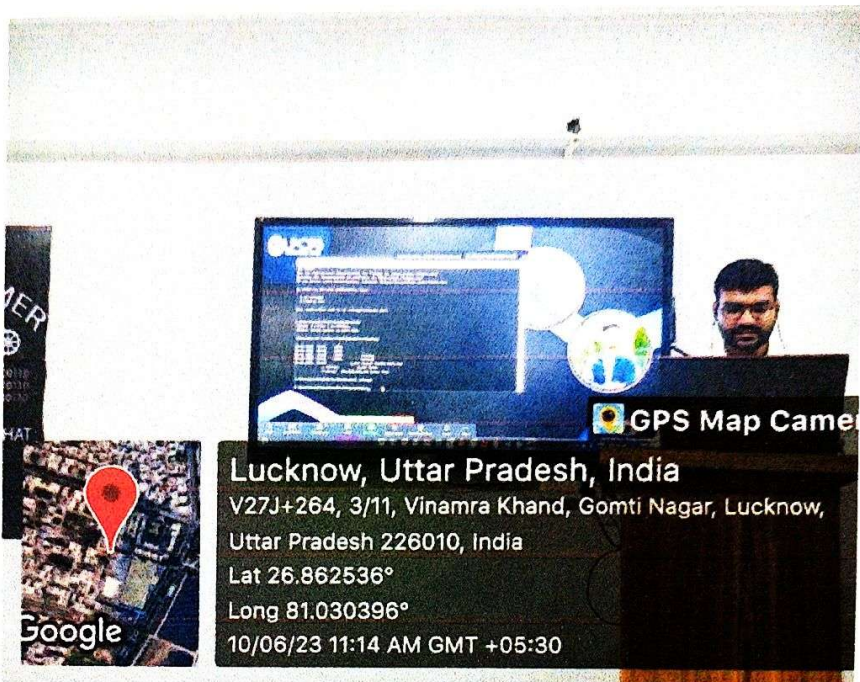
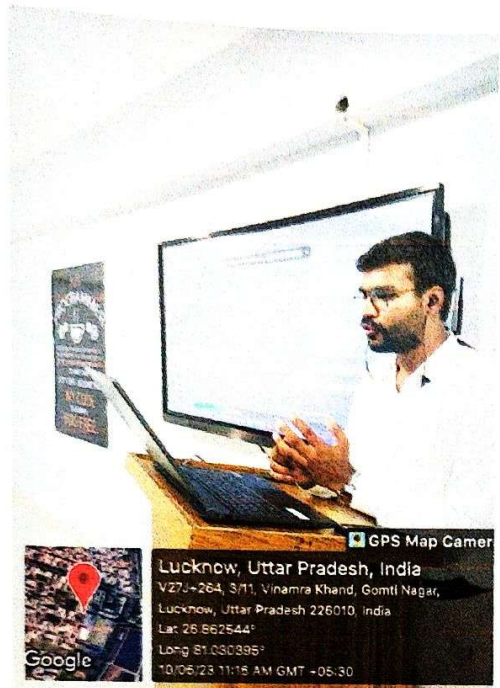
Session 2:



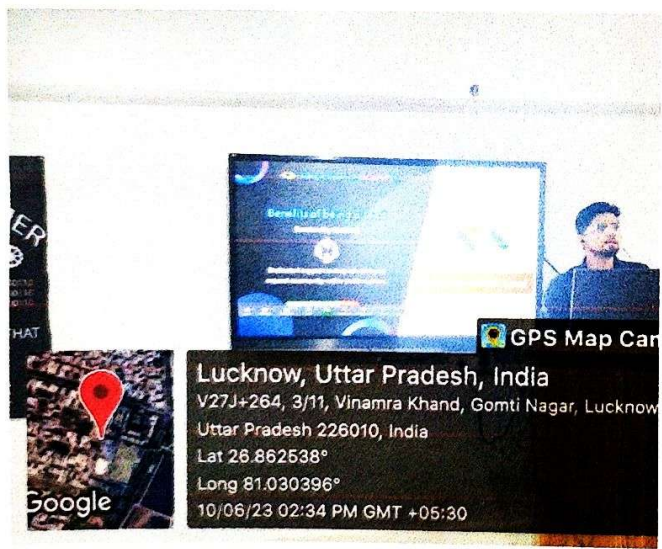
Asiya
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Day 3:

Session 1:

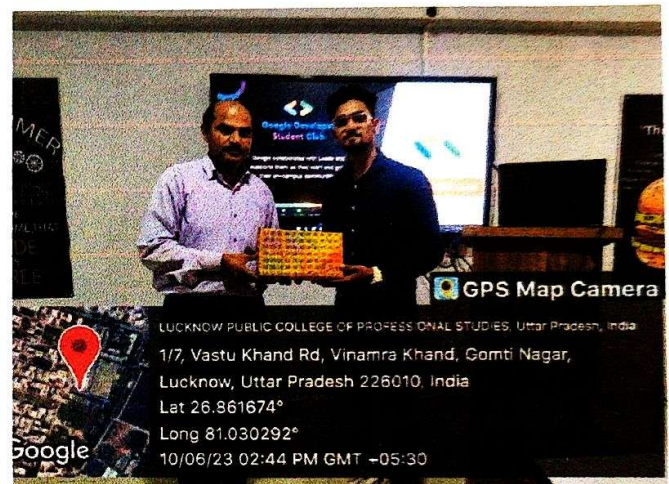
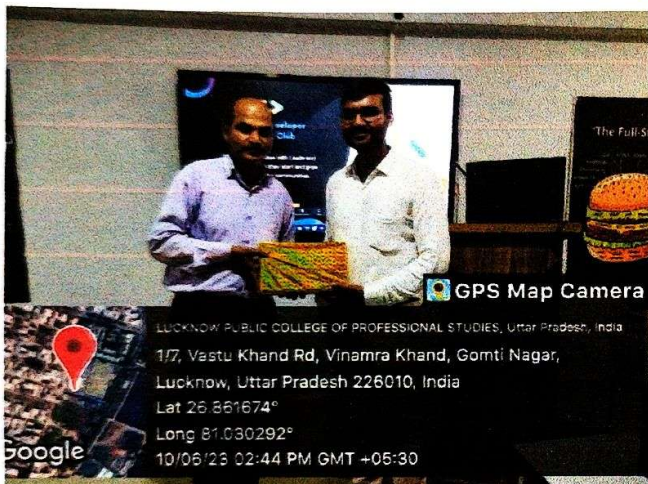
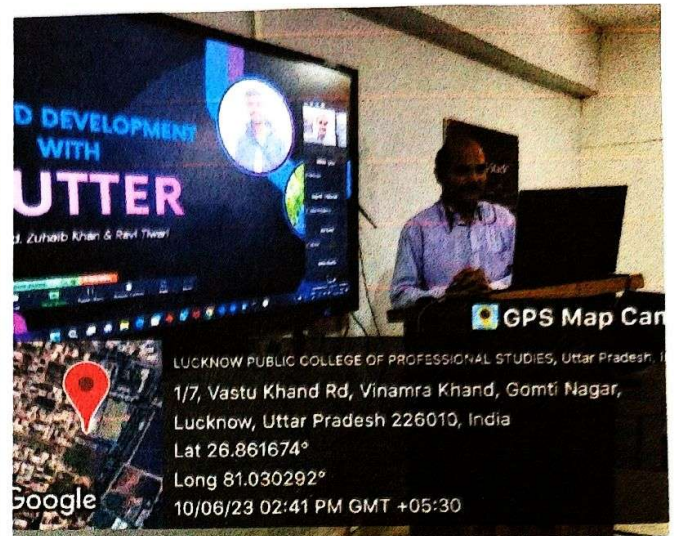
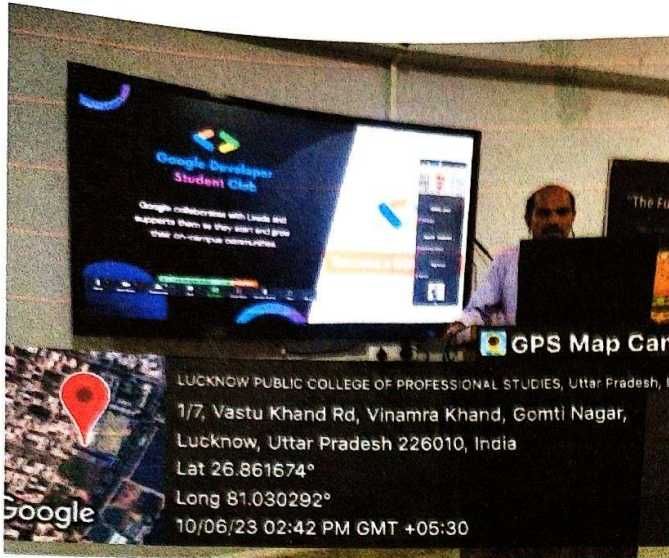


Session 2:



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Valedictory session



Conclusion: Flutter has emerged as a powerful framework for Android app development, enabling developers to create visually appealing, performant, and cross-platform applications. This report provided an in-depth overview of Flutter's features, benefits, and key considerations. By leveraging Flutter's capabilities, developers can streamline the Android app development process, improve productivity, and deliver outstanding user experiences.

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LUCKNOW PUBLIC COLLEGE OF PROFESSIONAL STUDIES

THREE DAYS WORKSHOP ON ANDROID DEVELOPMENT WITH FLUTTER

JUNE 08 – JUNE 10, 2023

ATTENDANCE SHEET

S.N.	FULL NAME	Course	June 8, 2023	June 9, 2023	June 10, 2023
1	AAYUSHI PAL	. B.Com-(H)-IV Sem	Aayushi	Aayushi	Aayushi
2	ABHAY SINGH	. BCA-IV Semester	A	A	A
3	ABHILASHA SINGH	. BCA-II Semester	Abhilasha	Abhilasha	Abhilasha
4	ABHINEET VERMA	. BCA-II Semester	Abhinav	Abhinav	Abhinav
5	ADARSH SINGH	. BBA-II Semester	Adarsh	Adarsh	Adarsh
6	ADITI AZAD	. BBA-IV Semester	Aditi	Aditi	Aditi
7	ADITI MISHRA	. BCA-IV Semester	Aditi	Aditi	Aditi
8	ADITYA KUMAR YADAV	. B.Com-II Semester	Aditya	Aditya	Aditya
9	ADITYA SONI	. BCA-IV Semester	Aditya	Aditya	Aditya
10	ADITYA YADAV	. BCA-IV Semester	Aditya	Aditya	Aditya
11	AISHWARYA TANDON	. BCA-IV Semester	Aishwarya	Aishwarya	Aishwarya
12	AKSHITA SINGH	. B.Com-IV Semester	Akhita	Akhita	Akhita
13	AMAN BARI	. BCA-II Semester	Aman	Aman	Aman
14	AMOL SINGH	. BCA-IV Semester	Amol	Amol	Amol
15	AMRIKA BERA	. BCA-II Semester	Amrika	Amrika	Amrika
16	ANJALI AGRAHARI	. BCA-II Semester	Anjali	Anjali	Anjali
17	ANSHIKA TIWARI	. BCA-VI Semester	Anshika	Anshika	Anshika
18	ANSHIKA TRIVEDI	. BCA-II Semester	Anshika	Anshika	Anshika
19	ANSHVI SHUKLA	. BBA-IV Semester	Anshvi	Anshvi	Anshvi
20	ANUSHIKA RATHOUR	. BBA-II Semester	Anushika	Anushika	Anushika
21	ARADHYA SINGH	. BCA-IV Semester	A	A	A
22	ARIMA SHUKLA	. BCA-IV Semester	Arima	Arima	Arima
23	ARJUN TIWARI	. B.Com-II Semester	Arpit	Arpit	Arpit
24	ARPIT KANOJIA	. B.Com-II Semester	Arpit	Arpit	Arpit
25	ARPITA SINGH	. BCA-II Semester	Arpita	Arpita	Arpita
26	ARPITA SINHA	. BCA-II Semester	A	A	A
27	ARYAN SINGH YADAV	. BBA-IV Semester	Aryan	Aryan	Aryan
28	ASHUTOSH MISHRA	. B.Com-VI Semester	Ashutosh	Ashutosh	Ashutosh
29	AVINASH SINGH	. B.Com-(H)-II Semester	Avinash	Avinash	Avinash
30	AYUSH MISHRA	. BBA-VI Semester	A	A	A
31	BAANI PREET KAUR	. BCA-IV Semester	Bani	Bani	Bani
32	BHARAT HIRWANI	. B.Com-II Semester	Bharat	Bharat	Bharat

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33	BHAWANA PATHAK	. BCA-IV Semester	BHAWANA	BHAWANA	Bhawana
34	DEVANSHI SHUKLA	. BCA-IV Semester	Devanshi	Devanshi	Devanshi
35	DIVYANSHU MAURYA	. BCA-IV Semester	Divyanshu	Divyanshu	Divyanshu
36	ESHA GUPTA	. BCA-II Semester	Esha	Esha	Esha
37	GAURAV VERMA	. BBA-VI Semester	Gaurav	Gaurav	Gaurav
38	HARIOM GUPTA	. BCA-IV Semester	Hariom	Hariom	Hariom
39	HARSH SRIVASTAVA	. BCA-II Semester	Harsh	Harsh	Harsh
40	HARSHITA SRIVASTAVA	. BBA-IV Semester	H. Srivastava	H. Srivastava	H. Srivastava
41	ISHITA SHARMA	. BBA-IV Semester	Ishita	Ishita	Ishita
42	JAGRITI VISHWAKARMA	. BCA-IV Semester	Jagruti	Jagruti	Jagruti
43	KAMAL NAIN SAINI	. BCA-II Semester	Kamal	Kamal	Kamal
44	KARTIKEYA GUPTA	. BBA-VI Semester	Kartikya	Kartikya	Kartikya
45	KHUSHI SHRIVASTAVA	. B.Com-II Semester	Khushi	Khushi	Khushi
46	KOUSTUBH JAISWAL	. B.Com-II Semester	Koustubh	Koustubh	Koustubh
47	KRRISH GUPTA	. BCA-II Semester	Krish	Krish	Krish
48	KUSHAGRA SINGH	. BCA-IV Semester	K	K	K
49	MADHVAN SAHU	. BCA-IV Semester	Mahav	Mahav	Mahav
50	MANTASHA KHAN	. B.Com-II Semester	Mantasha	Mantasha	Mantasha
51	MANYA SRIVASTAVA	. BCA-II Semester	M	M	M
52	MUSKAAN SRIVASTAVA	. B.Com-VI Semester	Muskan	Muskan	Muskan
53	NAKSHTRA DWIVEDI	. BCA-VI Semester	Nakshtra	Nakshtra	Nakshtra
54	NIKITA GAUR	. BBA-IV Semester	Nikita	Nikita	Nikita
55	NISHIKA SONI	. BBA-II Semester	Nishika	Nishika	Nishika
56	NITYA SAXENA	. BCA-II Semester	N	N	N
57	OJJASHVI SINGH	. BBA-IV Semester	Ojjashvi	Ojjashvi	Ojjashvi
58	PALAK TIWARI	. BCA-IV Semester	Palak	Palak	Palak
59	PIYUSH BHASKAR DUBEY	. BCA-IV Semester	Piyush	Piyush	Piyush
60	PRABHAT JAISWAL	. B.Com-(H)-II Semester	Prabhat	Prabhat	Prabhat
61	PRAGYA SINGH	. B.Com-(H)-II Semester	P	P	P
62	PRAKHAR	. BCA-IV Semester	Prakhar	Prakhar	Prakhar
63	PRAKHAR PATHAK	. B.Com-(H)-II Semester	P. Pathak	P. Pathak	P. Pathak
64	PRAKHAR TIWARI	. BCA-II Semester	P. Tiwari	P. Tiwari	P. Tiwari
65	PRANAV SINGH	. BCA-II Semester	Pranav	Pranav	Pranav
66	PRANJAL MISHRA	. B.Com-VI Semester	Pranjal	Pranjal	Pranjal
67	PRANJAL SINGH	. B.Com-(H)-II Semester	P Singh	P Singh	P Singh
68	PRATIBHA SINGH	. BBA-VI Semester	Pratibha	Pratibha	Pratibha
69	PREETI SHARMA	. BCA-II Semester	Preeti	Preeti	Preeti

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70	PRIYANSHU MISHRA	. B.Com-(H)-II Semester	Priyam.	Priyanshu	Priyanshu
71	PULKIT SRIVASTAVA	. BCA-IV Semester	P.K.	P.K.	P.K.
72	RAHUL SHARMA	. BCA-IV Semester	Rahul	Rahul	Rahul
73	RAHUL TIWARI	. B.Com-II Semester	Rahul	Rahul	Rahul
74	RAJ SONI	. BCA-IV Semester	Raj	Raj	Raj
75	RAKHI GUPTA	. BCA-II Semester	Rakhi	Rakhi	Rakhi
76	RANJANA YADAV	. B.Com-(H)-II Semester	R	R	R
77	RAZA ALI	. BCA-II Semester	Raza	Raza	Raza
78	RITESH SINGH	. B.Com-II Semester	Ritesh	Ritesh	Ritesh
79	RUBAL MISHRA	. BCA-II Semester	Rubal	Rubal	Rubal
80	SAGAR SINGH	. B.Com-II Semester	S. Singh	S. Singh	S. Singh
81	SAKSHAM AWASTHI	. BCA-IV Semester	S	S	S
82	SAKSHI MISHRA	. BBA-II Semester	Sakshi	Sakshi	Sakshi
83	SARIKA VERMA	. BCA-IV Semester	Sarika	Sarika	Sarika
84	SARTHAK GUPTA	. BBA-VI Semester	Sarthak	Sarthak	Sarthak
85	SARTHAK PANDEY	. BBA-II Semester	S. Pandey	S. Pandey	S. Pandey
86	SATAKSHI GUPTA	. BCA-II Semester	Satakshi	Satakshi	Satakshi
87	SHAILEE SHARMA	. BCA-IV Semester	Shalee	Shalee	Shalee
88	SHAKSHEE RAI	. BCA-VI Semester	Shai	Shai	Shai
89	SHANYA SRIVASTAVA	. BCA-IV Semester	Shanya	Shanya	Shanya
90	SHIVAM PANDEY	. BCA-IV Semester	Shivan	Shivan	Shivan
91	SHIVANGAM PANDEY	. BBA-II Semester	Shivangam	Shivangam	Shivangam
92	SHIVANI SAXENA	. BA-JMC-IV Semester	Shivani	Shivani	Shivani
93	SHIVANSH MISHRA	. BCA-II Semester	Shivansh	Shivansh	Shivansh
94	SHIVESH SINGH	. B.Com-II Semester	Shivesh	Shivesh	Shivesh
95	SHOBHIT SINGH	. B.Com-(H)-IV Sem	Shobhit	Shobhit	Shobhit
96	SHREYA YADAV	. BCA-II Semester	Shreya	Shreya	Shreya
97	SHREYA YADAV	. BCA-II Semester	S.Yadav	S.Yadav	S.Yadav
98	SHREYA YADAV	. BCA-II Semester	Shreya	Shreya	Shreya
99	SHRISHTI DUBEY	. B.Com-(H)-II Semester	Shrishti	Shrishti	Shrishti
100	SHWETA MALL	. BCA-IV Semester	Shweta	Shweta	Shweta
101	SIDDHI GUPTA	. B.Com-(H)-II Semester	Siddhi	Siddhi	Siddhi
102	SPARSH PASWAN	. B.Com-II Semester	Spars	Spars	Spars
103	SPARSH TYAGI	. B.Com-VI Semester	Spars	Spars	Spars
104	SRISHTI	. BCA-IV Semester	Shrishti	Shrishti	Shrishti
105	SUMIT KUMAR DUBEY	. BCA-II Semester	Sumit	Sumit	Sumit
106	SURAJ NEGI	. BCA-IV Semester	Suraj	Suraj	Suraj

107	SURYANSH SHANKHYADHA	. BCA-II Semester	Suryansh	Suryansh	Suryansh
108	SUYASH AWASTHI	. B.Com-VI Semester	Suyash	Suyash	Suyash
109	SWEKSHA SINGH	. B.Com-II Semester	S	S	S
110	SYED ABDULLAH AZHAR	. BCA-VI Semester	S.A Azhar	S.A. Azar	S.A. Azar
111	TANISHQ GUPTA	. BCA-VI Semester	Tanishq	Tanishq	Tanishq
112	TANNU SINGH	. BCA-VI Semester	Tannu	Tannu	Tannu
113	TRIPTI NEGI	. B.Com-(H)-VI Semester	Tripti	Tripti	Tripti
114	UPENDRA SINGH CHAUHAN	. BCA-IV Semester	Upendra	Upendra	Upendra
115	VAIBHAV SHUKLA	. BCA-IV Semester	Vaibhav	Vaibhav	Vaibhav
116	VAISHNAVI GUPTA	. BCA-VI Semester	V	V	V
117	VIBHANSHU TRIPATHI	. B.Com-(H)-II Semester	Vibhanshu	Vibhanshu	Vibhanshu
118	VIKRAMADITYA PRATAP	. BCA-IV Semester	V.Pratap	V.Pratap	V.Pratap
119	VINAYAK SHUKLA	. BCA-IV Semester	V.Shukla	V.Shukla	V.Shukla
120	VISHAL SHUKLA	. BCA-IV Semester	Vishal	Vishal	Vishal
121	YASH MISHRA	. BCA-IV Semester	Yash	Yash	Yash
122	YASH RAJ SINGH	. BCA-IV Semester	Yash	Yash	Yash
123	YUKTA SHUKLA	. BBA-IV Semester	Yukta	Yukta	Yukta


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