THREE DAYS

"WORKSHOP ON NEXT GENERATION CYBER SECURITY: INNOVATIONS IN THREAT DETECTION AND RESPONSE"

Organized by

LUCKNOW PUBLIC COLLEGE OF PROFESSIONAL STUDIES

(LPCPS)

(Affiliated to University of Lucknow)

Vinamra Khand, (Near Kathauta Lake)

Gomti Nagar, Lucknow

Date: OCTOBER 19 -21, 2023

Time: 01:00 PM Onwards

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Lucknow Public College of Professional Studies
Vinamra Khand, Gomtinagar, Lucknow

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ABOUT THE WORKSHOP

This **Three Days** Workshop on **Next Generation Cyber Security: Innovations in Threat Detection** and Response stands as a beacon of hope and progress in our increasingly digitized world. In an era marked by ever-advancing technology, cyber threats have grown in complexity and frequency, posing substantial risks to individuals, organizations, and nations. By focusing on the latest innovations in threat detection and response, this workshop not only equips participants with the knowledge and tools to safeguard their digital assets but also contributes to the broader mission of enhancing global cyber resilience. With the world becoming more interconnected by the day, such workshops are instrumental in shaping the future of cyber security, ensuring a safer and more secure online environment for everyone.

REGISTRATION FEES- NIL

REGISTRATION LINK-

https://forms.gle/LBB6pDfgXUK5v8cz7

Venue

Basement Computer Lab, Block ALPCPS

Campus

Resource Persons

Mr. R K Gupta Founder of Invisor Tech

Mr. Jaydeep Vidhyarthi(MA in psychology)

PROGRAMME SCHEDULE

Day 1 (Schedule): 19 OCTOBER 2023 (Thursday)

Time	Speaker	Topic
01:00 PM -01:15 PM	Inaugural Session	
01:15 PM -02:30 PM	Mr. R K Gupta	Basics of Cybercrime and Cyber Security
02:30 AM – 04:00 PM	Mr. Jaydeep Vidhyarthi	Cybercrime and Necessity of Cyber Security

Day 2 (Schedule): 20 OCTOBER 2023 (Friday)

Time	Speaker	Topic
01:00 PM -02:30 PM	Mr. R K Gupta	Cybercrime and Cyber Security: Data protection
02:30 AM – 04:00 PM	Mr. Jaydeep Vidhyarthi	Threads of Cyber Security

Day 3 (Schedule): 21 OCTOBER 2023 (Saturday)

Time	Speaker	Topic
01:00 PM -02:30 PM	Mr. R K Gupta	Impact of mobile devices on Cyber Security
02:30 AM – 03:30 PM	Mr. Jaydeep Vidhyarthi	Emerging Cyber Security: Approaches and Technology
03:30 AM – 04:00 PM	Valedictory Session	

Offline Platform:

This Workshop will be organized in offline mode only. All the registered participants will get E-Certificates after ensuring their presence.

For More Details -

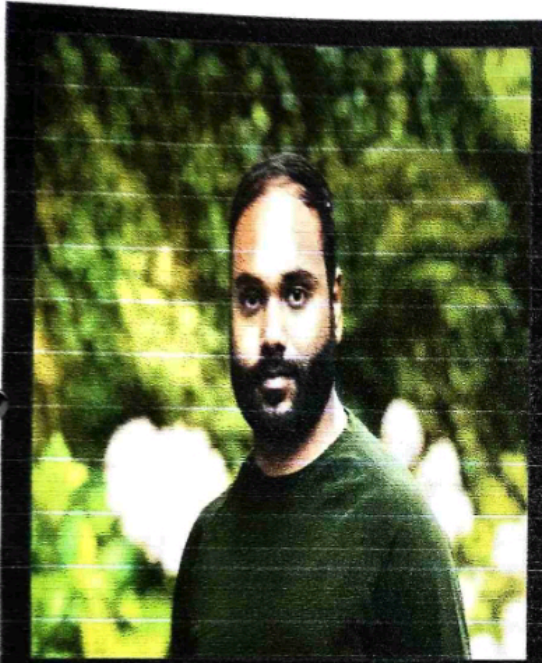**Contact -** Dr. Anand Kumar Rai

Mob: +919453302061/ +918787224265

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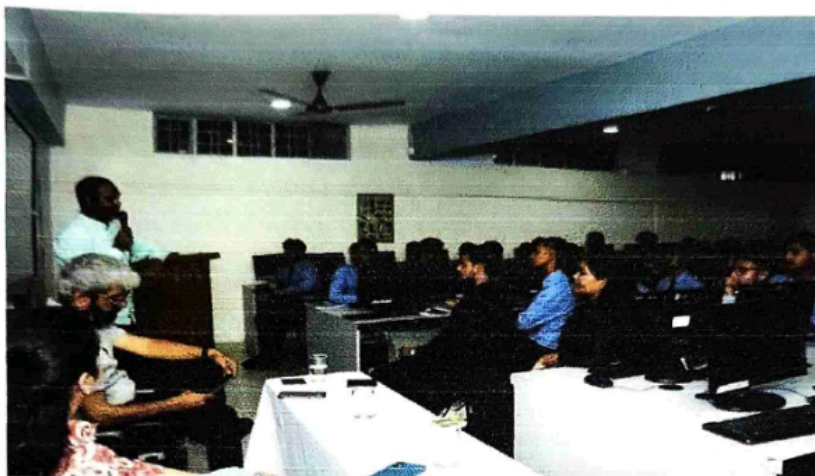Vinamra Khand, Gomtinagar, Lucknow

KEY SPEAKERS

KEY SPEAKER:
Mr. R K Gupta
(Tech entrepreneur and founder of Invisor Tech)

KEY SPEAKER:
Mr. Jaydeep Vidyarthi
### (MA in Psychology, PrepCode)

Day 1 (Schedule): 19 OCTOBER 2023 (Thursday)

Topic for Day 1 (01:15 PM -02:30 PM) -Basics of Cybercrime and Cyber Security

Mr. R.K Gupta told that **Cybercrime** can cause direct harm or indirect harm to whoever the victim is. However, the largest threat of cybercrime is on the financial security of an individual as well as the government. Cybercrime causes loss of billions of USD every year.He told us some of the examples of cybercrime like- Hacking , Unwarranted mass-surveillance, Child pornography, Child grooming, Copyright infringement, Money laundering, Cyber-extortion.

He told us **Cyber security** is a potential activity by which information and other communication systems are protected from and/or defended against the unauthorized use or modification or exploitation or even theft. Likewise, cyber security is a well-designed technique to protect computers, networks, different programs, personal data, etc., from unauthorized access.
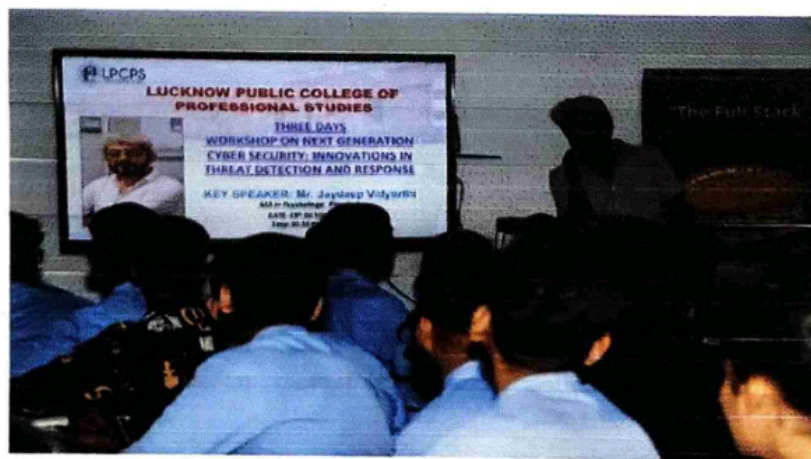
<u>Topic for Day 1 (2:30 PM – 04:00 PM) - Cybercrime and Necessity of CyberSecurity</u>

Mr. Jaydeep Vidhyarthi told that The Cyber Security for businesses and organizations can be seen in the case of the target data breach. In this case, hackers were able to gain access to the target's customer data, including credit and debit card information. It led to target having to pay out millions of dollars in damages and losing customer trust. Target's data breach is just one example of how cyber security is important for businesses and organizations.

He told that Cyber security is important for students because they often target cyber attacks. In a recent case, a group of students from a college in the United States was targeted by hackers who gained access to their personal information, including their Social Security numbers and credit card information. The hackers then used this information to fraudulently charge thousands of dollars to the students' credit cards. The students were left with massive debt and had to spend months repairing their credit. This case highlights the importance of cyber security for students, who are often the victims of cybercrime.

Day 2 (Schedule): 20 OCTOBER 2023   (01:00 PM -02:30 PM)

Topic- Cybercrime and Cyber Security: Dataprotection

Mr. R K Gupta told that What to do if you get targeted Sometimes even your best efforts aren't enough to stop a hacker getting what they want. These circumstances are rare, but they do happen.There are three immediate steps to take if you've fallen victim to a cyberattack:It might be

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tempting to try and delete everything a hacker has access to. What you should actually do is identify what has been infiltrated and quarantine it from the rest of your devices. Once you notice one breach, there are a number of actions you can take to ensure the rest of your devices (or a greater network) remain safe:

- Disable all remote access
- Install any pending updates
- Maintain firewall settings
- Change passwords to any company accounts

Isolate the breach, disconnecting any devices associated with it from the internet.

Day 2 (Schedule): 20 OCTOBER 2023   (02:30 PM – 04:00 PM)

Topic- Threads of Cyber Security

Mr. Jaydeep Vidhyarthi told that host of new and evolving cybersecurity threats has the information security industry on high alert. Ever-more sophisticated cyberattacks involving malware, phishing, machine learning and artificial intelligence, cryptocurrency and more have placed the data and assets of corporations, governments and individuals at constant risk.

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Mr. R K Gupta told that Cyber-attacks can be lowered by keeping devices updated, avoiding downloading solicitations from unidentified sources, and reading material related to personal gadgets. It is important to notice the advancements made in cyber security. The extensive usage of mobile devices tends to weaken corporate networks' cyber security, which could result in data theft and significant financial losses. The Bring Your Own Device (BYOD) policy, which allows employees to use their personal mobile devices to access the company network, poses a severe threat to cyber security an increasing proportion of personally owned mobile devices are connecting to business networks. The survey revealed that the BYOD policy presents the greatest obstacle to protecting business data.

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Topic Emerging Cyber Security: Approaches and Technology

Mr. Jaydeep Vidhyarthi told that Cybersecurity is crucial for the constant evolution of the digital world. Whether you are a business owner or consumer, you must be prepared to adapt to new technologies, rules, and strategies that will help build a safer and more secure online space. Thus, the prevalence of exposed network surfaces forces us to invest in increasingly sophisticated defense systems. It is impossible to progress in the modern digital world without strengthening your cybersecurity protocols. Data and system protection in a frequently "connected" environment is essential to ensure users, businesses, and governments' integrity. And with the complexity of security requirements increasing for several reasons, it poses a more significant challenge to develop advanced security systems. Therefore, our continuous defense against hackers and cyber criminals should influence the future of cybersecurity with enhanced data monitoring solutions.
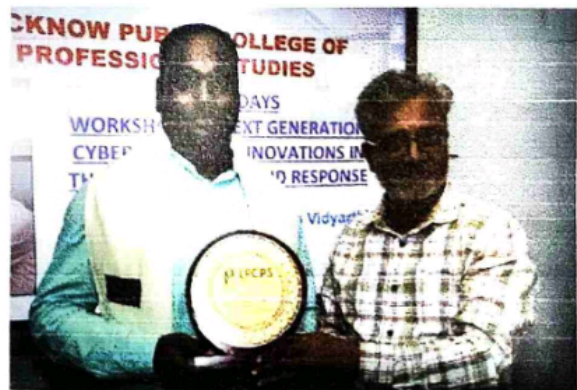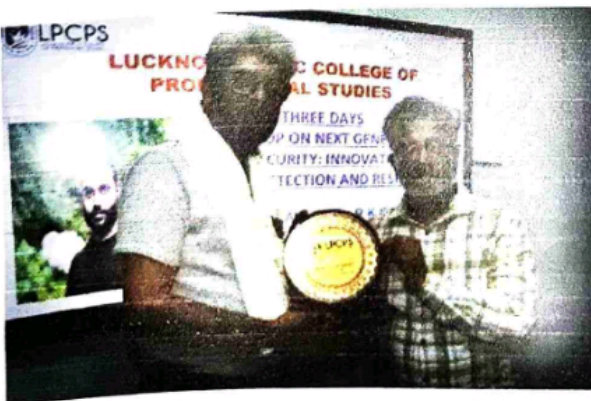
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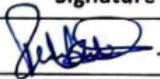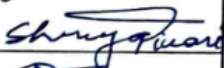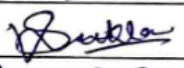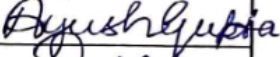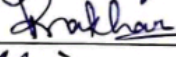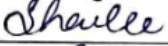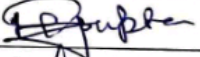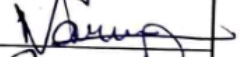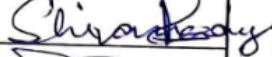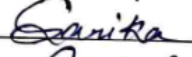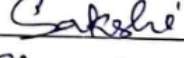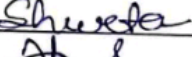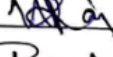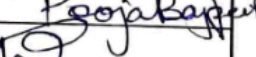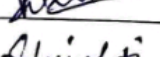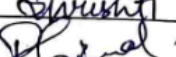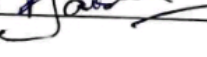
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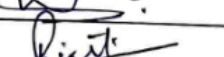| S.No	Name of Participant	Signature
1	Saloni Agarwal.	Salon
2	Sweety Sinha.	S
3	Rashmi Shchan.	Bishm
4	Aanchal N. Verma	Aanch
5	Dr. Talu Gupta	M
6	Dr. Hari mohan Saxena	Hari
7	Dr. Imramuf Rahman	Rum
8	Sweety Jain	Jain
9	Ashish Kaushal	A.
10	Mohit Kr. Verma	Kr
11	Rohit Kr. Singh	Big
12	Meenu Verma	M
13	Ajay Kr.	Ag
14	Priyanka Singh	Priya
15	Saurabh Singh	Sl
16	Mr. Chetan Khanna.	Cho
17	Rahul Kr. Yadav	R
18	Akhilesh Nath	A
19	Dr. Daya Shankar	D
20	Shivam Chauhan	Shivam
21	Dr. Lav Srivastav	hav
22	Saurabh Srivastav	Saurav
23	Vaibhav Srivastava	Vh
24	Aarti Renu	A
25	Daksh Mishra	D
26	Sharvi Kusum	S
27	Maadvi Tripati	M
28	Mahi Mishra	M
29.	Utkarsh Awasthi	
30		
31		
32		

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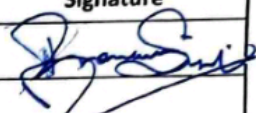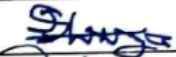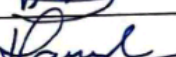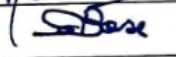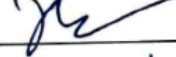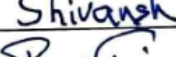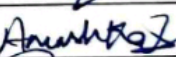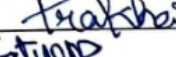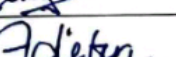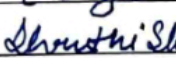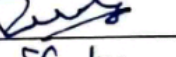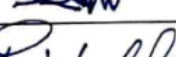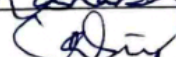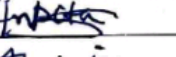
Attendance Sheet

Day 1

Date : 19 October 2023

S.No	Name of Participant	Course	Institute/University	Signature
1	Pulkit Srivastava	BCA Sem V	LPCPS	
2	Shreya Tiwari	BCA Sem V	LPCPS	
3	Utkarsh Shukla	BCA Sem V	LPCPS	
4	Aishwarya Tandon	BCA Sem V	LPCPS	
5	Aradhya Singh	BCA Sem 5	LPCPS	
6	Vaibhav Shukla	BCA Sem V	LPCPC	
7	Ayush Kumar Gupta	BCA Sem V	LPCPS	
8	Prakhar	BCA Sem V	LPCPS	
9	Shailee Sharma	BCA Sem V	LPCPS	
10	Raj Soni	BCA Sem V	LPCPS.	
11	Upendra	BCA Sem V	LPCPS	
12	Amol Singh	BCA Sem V	LPCPS	
13	Hariom Gupta	BCA Sem 5	"	
14	Varun P. Singh	BCA Sem 5	"	
15	Shivam	"	"	
16	Palak Tiwari	"	"	
17	Garika Verma	"	"	
18	Sakshi Yadav	"	"	
19	Shweta Mall	BCA Sem 5	LPCPS	
20	Yash Raj Singh	BCA Sem V	LPCPS	
21	Uday Raj	"	"	
22	Pooja Bajpai	"	"	
23	Writevik Sati	"	"	
24	Pranjal Dixit	"	"	
25	Shrishti	"	"	
26	Piyush Jaiswal	BCA Sem 5	"	

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Attendance Sheet

Day 2

Date : 20 October 2023

S.No	Name of Participant	Course	Institute/University	Signature
1	Pranav Singh	BCA - III SEM	LPCPS	
2	ESHA GupTA	BCA - III SEM	LPcPS	
3	ARpita Singh	BCA - III SFM	LPcPS	
4	Shreya Yadav	BCA - III SEM	LPCPS	
5	Pari Arara	BCA - III Sem	LPCPS	
6	Shreya Yadav	BCA - III Sem	LPCPS	
7	Vivek Kumar Singh	BCA - III Sem	CPCPS	
8	Harsh Srivastava	BCA - III Sem	LPC PS	
9	Sarajini Bose.	BCA - III SEM	LPC PS	
10	Anjali Agrahari	BcA - III Sem	LPC PS	
11	Shivansh Mishra	BcA - III Sem	LPCPS	Shivansh
12	Rakhi Gupta	BcA - III Sem	LPcPS	
13	Vishesh Kumar Singh	BCA - III sem	LPcPS	
14	Anushka Sharma	BCA - III Sem	LPCPS	
15	Ravi Verma	BCA - III Sem	LPCPS	
16	Prakhar Tiwari	BCA - III Sem	LPCPS	Prakhar
17	Satyam Srivastava	BcA - III Sem	LPCPS	Satyam
18	Aditya Gupta	BCA - III Sem	LPC PS	Aditya
19	Shristhi Shukla	BCA - III Sem	LPcPS	Shrusthi Shukla.
20	Divya Tiwari	BCA - III sem	LPcPS	
21	Siddharth Sahu	BCA - III sem	LPCPS	SSahu
22	Rishabh Kumar	BCA - III Sem	LPCPS	Rishabh
23	Sumit Kumar Singh	BCA - III sem	LPCPS	
24	AHAD KHAN	BCA - III Sem	LPcPS	
25	ARPITA SINHA	BcA - III sem	LPcPs	
26	ANSHIKA SRIVASTAVA	BcA - III Sem	LPCPs	Anshika

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Attendance Sheet
Day 2
Date : 20 October 2023

S.No	Name of Participant	Course	Institute/University	Signature
27	NAIMISH GUPTA	BCA III SEM	LPCPS	Naimish
28	AYUSH PRATAP SINGH	BCA – III Sem	LPCPS	
29	SHASHWAT Awasthi	BCA – III Sem	LPCPS	Shashwat
30	SUBHL SINGH	"	LPCPS	
31	RAHUL SAHU	"	LPCPS	
32	SATAKSHI Gupta	"	LPCPS	Saakshi
33	CHIRAG SAXENA	BCA – III Sem	LPCPS	Chirag
34	YUVRAJ SINGH	BCA III SEM	LPCPS	
35	ANAMIKA DIXIT	"	LPCPS	
36	MUDITYA LODHI	BCA III Sem	LPCPS	Muditya
37	VIKAS Kumar	"	LPCPS	VIKAS
38	Anchal SRIVASTAVA	BCA III Sem	LPCPS	Anchal.
39	YASHASVI SINGH	BCA III Sem	LPCPS	
40	Veer Vikram Singh	BCA III Sem	LPCPS	
41	RISHABH Pratap Singh	BCA – III Sem	LPCPS	PRSingh
42	Harsh Shukla	BCA III Sem	LPCPS	Harsh
43	SAIMA Haroon	BCA III Sem	LPCPS	Saima
44	ANKITA CHAURASIA	"	LPCPS	
45	SAKSHI GIRI	"	LPCPS	
46	AMIT SINGH	"	LPCPS	Amit
47	KRRISH GUPTA	//	LPCPS	Krrish Gupta
48	Divyansh Pandey	"	LPCPS	Divya
49	HARSH MEHROTRA	"	LPCPS	Hmanashi
50	ARPH BAJPAI	BCA III Sem	LPCPS	ABajpai

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Attendance Sheet

Day 3

Date : 21 October 2023

S.No	Name of Participant	Course	Institute/University	Signature
1	Priyanshu Verma	BCA Sem I	LPCPS	
2	Sidra Zahid	BCA Sem I	LPCPS	Zahid
3	Kashish Jaiswal	"	"	Kashish
4	Shikha Chowodhary	BCA Sem 1	LPCPS	Shikha
5	Ashish Singh	"	"	Achhd
6	Arpita Singh	BCA Sem I	"	Arpita
7	Utkarsh Pathak	BCA Sem I	LPCPS	Utkarsh
8	Priyanshi Raj	BCA Sem I	LPCPS	Priyanshi
9	Shiv Dayal Verma	"	"	Dayal
10	Prince	BCA Sem I	LPCPS	Prince
11	Akshara Dixit	"	"	Akshara
12	Atul Raj	"	"	
13	Anshika Tripathi	"	"	
14	Shambhavi Chauhan	BCA Sem I	"	Shambhavi
15	Narendra Singh	BCA Sem I	"	Narendra Singh
16	Shiva	"	"	S Verma
17	Anurag Pandey	"	"	A Padey
18	Manish Gupta	BCA Sem I	"	Naresh
19	Jatmani Verma	"	"	Jatmani
20	Vaibhav Mishra	"	"	Vaibhav
21	Sarthak Singh	"	"	Sarthak
22	Ruchi	"	"	Ruchi Singh
23	Shreyansh Mishra	"	"	
24	Siddhartha Gautam	BCA Sem I	LPCPS	Siddhartha
25	Riddhi Rastogi	"	"	Riddhi
26	Shivangi Tandon	"	"	

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Workshop on Next Generation Cyber Security:Innovation In Threat Detection and Response (October 19-21, 2023)

Attendance Sheet
Day 3
Date : 21 October 2023

S.No	Name of Participant	Course	Institute/University	Signature
27	Divyanshi Srivastav	BCA Sem I	LPCPS	
28	Akash Maurya	''	''	Akash
29	Shubhashini	''	''	Subhashini
30	Tanu Sharma	''	''	Tanu
31	Himanshu Sharma	''	''	H.
32	K.K. Yadav	''	''	Kisha
33	Khushi Arsha	''	''	Khushi
34	Dhawal Vaish	''	''	Dhawal
35	Vivek Pant	''	''	Vivek Pant
36	Mohak Anand	''	''	Mohak
37	Mandavi	''	''	Mandavi
38	Amisha Srivastava	''	''	A
39	Tejas	BCA Sem I	''	Tejas
40	Ankita Saxena	BCA Sem I	LPCPS	Ankita
41	Sootweek kumar	''	''	Satwek
42	Aanchal Gupta	''	''	Aanchal
43	Amir Ali	''	''	Amir Ali
44	Naman P Singh	BCA Sem I	''	Naman
45	Pragya Verma	''	''	PV.
46	Arnav	''	''	
47	Nitin	''	''	Nitin Raj
48	Pavan	''	''	Pavan
49	Soazal	''	''	Srivastav
50	Priya	''	''	