

Date: 16/03/23



CIRCULAR

Ref. No. AJU/AD/ENGG/094/2022-23

The Department of Engineering, ARKA JAIN University is going to organize A Short Term Certificate Course on "Methods & Technique of Qualitative Research" from 10/04/2023 to 14/04/2023 for B.Tech/BCA/MCA students.

Link for registration: https://forms.gle/8Fm1vzW8sMGtSS7g7

Mode of learning: Hybrid Mode

Registration fee: Nil

Max no. of Participants: 30

Last Date for Registration: 08.04.2023 (till 7:00.P.M)

Coordinators:

Dr. Amit Prakash Sen (dr.amit@arkajainuniversity.ac.in), 87899599257

Dr. Anup Kumar (dr.anup@arkajainuniversity.ac.in), 8092223770

Prof. Ashwini Kumar Asst. Dean School of Engineering & IT ARKA JAIN University, Jharkhand

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- 2. PS to the Director
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Asst. Dean School of Busineering & IT ARKA JAIN University



"SHORT TERM CERTIFICATE COURSE ON METHODS & TECHNIQUE OF QUALITATIVE RESEARCH"

Date of Event	10/04/2023 - 14/04/2023
Name of the Event	Short term certificate course on Methods & Technique of Qualitative Research
Type of the Event	Skill Development
Conducted by	Jointly by Department of Mechanical Engineering & Department of Electrical & Electronics Engineering
	Dr. Atul Prakash, Asst. Professor, Department of Electronics and Communication Engineering, G H Raisoni College of Engineering and Management, Wagholi, Pune. (atul.prakash@raisoni.net)
Resource Persons	Dr. Tuhinansu Pradhan, Asst. Professor, Department of Computer Science & IOT,SOA University, Bhubaneswar (tuhinansupartha@gmail.com)
	Dr. Shweta, Asst. Professor, Department of health & Allied Science, ARKA JAIN University, Jamshedpur, Jharkhand (dr.shweta@arkajainuniversity.ac.in)
	Dr. Chandra Prabha Sahu, Asst. Professor, Department of Engineering, ARKA JAIN University, Jamshedpur, Jharkhand (dr.chandra@arkajainuniversity.ac.in)
Co-Ordinator	Dr. Amit Prakash Sen, Asst. Professor, Department of Electrical and Electronics Engineering, ARKA JAIN University, Jamshedpur, Jharkhand (dr.amit@arkajainuniversity.ac.in)
	Dr. Anup Kumar, Asst. Professor, Department of Mechanical Engineering, ARKA JAIN University, Jamshedpur, Jharkhand (dr.anup@arkajainuniversity.ac.in)
No. Of Participants	92



OBJECTIVE

- Have a thorough knowledge of the literature and a comprehensive understanding of scientific methods and techniques applicable to their own research.
- Be able to demonstrate originality in the application of knowledge, together with a practical understanding of how research and enquiry are used to create and interpret knowledge in their field.
- Have developed the ability to critically evaluate current research and research techniques and methodologies.
- Have self-direction and originality in tackling and solving problems.
- Be able to act autonomously in the planning and implementation of research.
- Have gained oral presentation and scientific writing skills.
- The opportunity to expand the student's knowledge of their research area, including its theoretical foundations and the specific techniques used to study it.

DETAILS:

The School of Engineering & IT, Ark Jain University organized five-day Short-Term Certificate Course on "Methods & Technique of Qualitative Research" from 10th -14th April 2023. The course was aimed at providing participants with an introduction to the theoretical and practical aspects of qualitative research methods.

The course was attended by 92 participants, including students, researchers, and professionals from various fields. The course was conducted by Dr. Amit Prakash Sen & Dr. Anup Kumar, a renowned researcher in the field of qualitative research methods. Dr. Amit Prakash Sen & Dr. Anup Kumar has published numerous research papers and books on qualitative research methods and has conducted several workshops and training programs on the same.

The course was structured into ten sessions spread over five days. In the 1st day, first session, Dr. Chandra Prabha Sahu introduced the participants to the basics of qualitative research methods, including its definition, features, and types. The second session conducted by Dr. Amit Prakash Sen covered the various stages of qualitative research, such as data collection, analysis, and interpretation. The participants were encouraged to ask questions and share their experiences during the session.

The 2nd day, Dr. Anup Kumar focused on the techniques of data collection in qualitative research. He explained the different methods of data collection, such as interviews, focus groups, observation, and document analysis. The participants were given practical exercises to try out these methods. Dr. Amit Prakash Sen also shared his knowledge for writing research papers. He displayed tools such as LATEX for research reporting.



In the 3rd day, Dr. Atul Prakash discussed the techniques of data analysis in qualitative research. The session covered the different methods of data analysis, including content analysis, grounded theory, and thematic analysis. The participants were given examples of research studies and were asked to apply the different methods of data analysis to these studies. Dr. Chandra Prabha Sahu discussed on different styles of referencing and citation. She also displayed the application of Mandley.

The 4th day focus was on the ethical considerations in qualitative research. Dr. Shweta & Dr. Tuhinansu Pradhan focused their lecture on the various ethical issues that researchers need to consider while conducting qualitative research. The participants were also given guidelines on obtaining informed consent, ensuring confidentiality and anonymity, and managing conflicts of interest. Dr. Tuhinanshu Pradhan also displayed the use of software such as VISIO, ORIGIN as a tool for data representation.

The final day was conducted by Dr. Atul Prakash. Recent trends in research was discussed. He also stressed on the implementation of multi-domain research. The last session was feedback and evaluation session.

Overall, the Short-Term Certificate Course on Methods & Technique of Qualitative Research was a great success. The participants gained valuable insights into the theoretical and practical aspects of qualitative research methods. The course was highly interactive, and the participants were actively engaged in discussions and practical exercises. The course ended with a certificate distribution ceremony, where the participants were awarded certificates of completion. The feedback from the participants was overwhelmingly positive, and they expressed their desire for more such courses in the future.

OUTCOMES:

- Understand the research problem and research process.
- Understand research ethics.
- Prepare a well-structured research paper and scientific presentations
- Understand significance, effective technical writing and report.
- Understand the techniques of interpretation, and making scientific presentation.



Poster of the Event



Figure 1: Poster of the Short term certificate course on Methods & Technique of Qualitative Research



Photos of the Event



Figure 2: Dr. Ashwini Kumar & Dr Arvind Pandey Inaugurated the STTP



Figure 3: Asst. Dean and all Faculties along with guest of honour





Figure 4: Dr. Chandra Prabha Sahu taking the session





Figure 5: Dr. Amit Prakash Sen delivering the Lecture

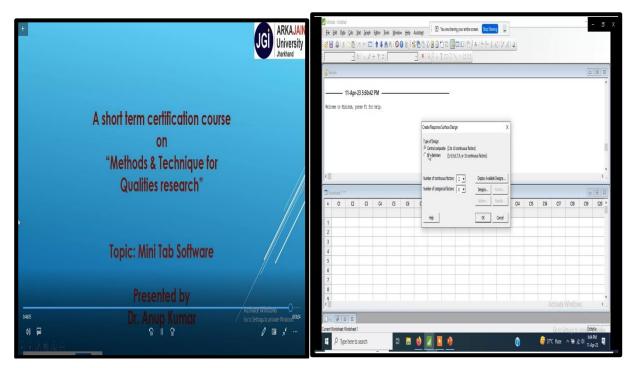


Figure 6: Dr. Anup Kumar Hands on training on minitab research tool



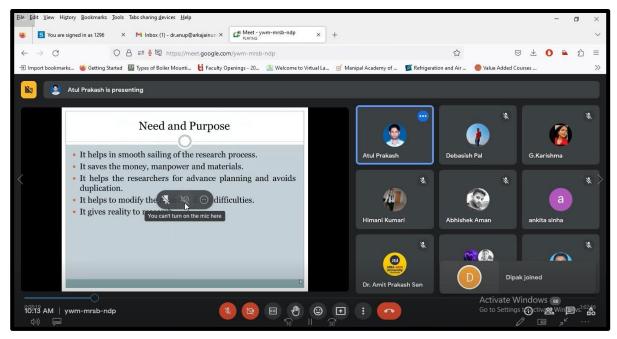


Figure 7: Dr. Atul Prakash delivering his lecture on Research Methodology through online mode

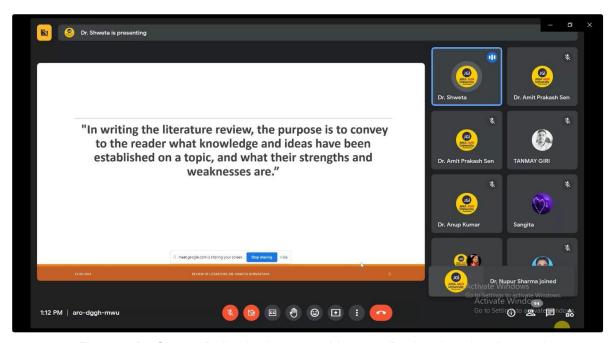


Figure 8: Dr. Shweta Delivering lecture on Literature Review though online mode



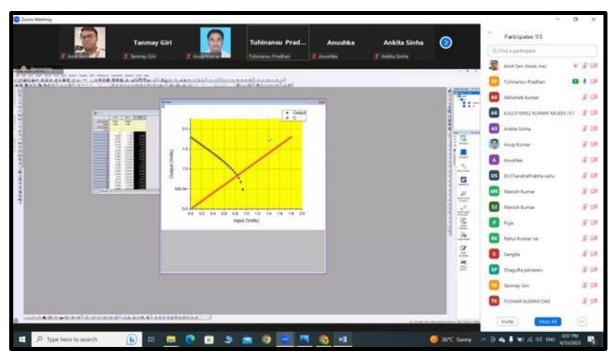
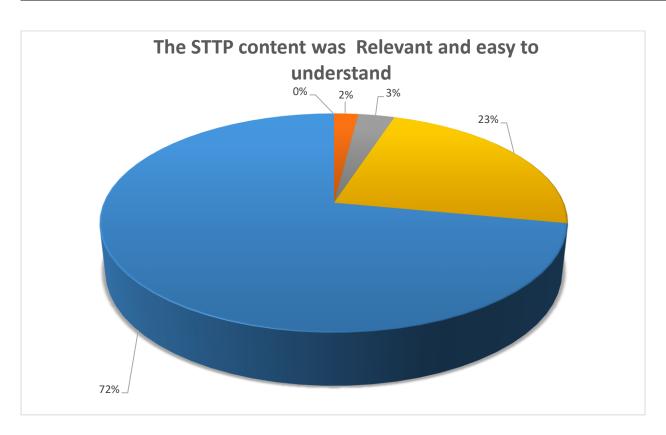


Figure 9: Dr. Tuhinanshu Pradhan delivering his lecture on Research Tools

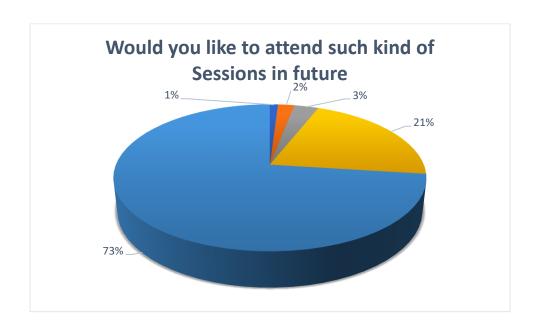


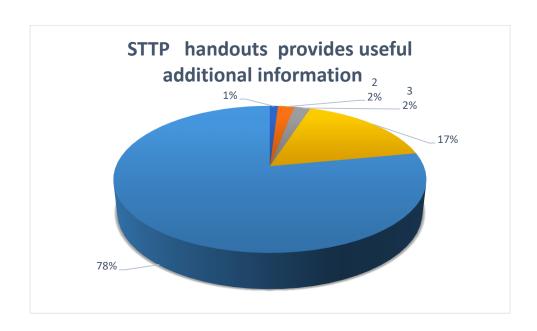
Feedback Analysis

	Student Feedback Analysis										
			Total								
S. no	Description	1	2	3	4	5					
1	The STTP content was Relevant and easy to understand	0	2	3	20	65	90				
2	Would you like to attend such kind of Sessions in future	1	2	3	18	66	90				
3	STTP hand-outs provides useful additional information	1	2	2	15	70	90				
4	The activities were useful learning experiences.	0	1	4	22	63	90				
5	The facilitators were responsive to participants' questions	1	1	1	19	68	90				
6	Would you like to Encourage others to Participate such kind of Sessions	1	2	1	14	72	90				
7	How would you like this event	1	2	2	15	70	90				

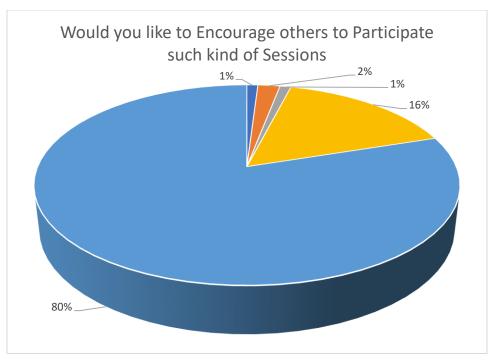


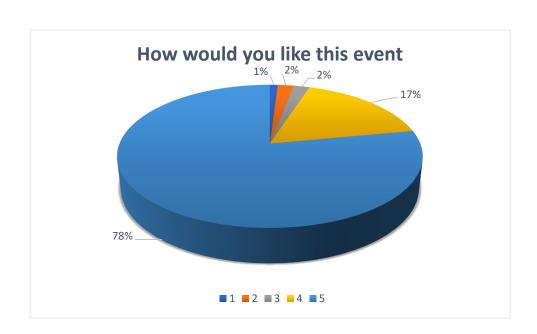














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			•		
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Attendance sheet

SI. No	Name	Enrollment Number (Ex: AJU/123456) {for AJU only) for other: write NA	Course	10/04/2023 (Session-1)	10/04/2023 (Session-2)	11/04/2023 (Session-1)	11/04/2023 (Session-2)	12/04/2023 (Session-1)	12/04/2023 (Session-2)	13/04/2023 (Session-1)	13/04/2023 (Session-2)	14/04/2023 (Session-1)	14/04/2023 (Session-2)
1	Dr. Ravinder	na Q	Faculty	P	P	P	Р	P	P	P	P	P	P
2	Mahato Dr. Amrendra Kumar	na	Faculty	Р	Р	P	Р	Р	P	Р	Р	Р	Р
3	Dr. Keerti Rai	NA	Faculty	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
4	Saroj Kumar Rajak	NA	Faculty	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
5	Dr. Nupur Sharma	NA	Faculty	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
6	Dr. Anupam Kumari	NA	Faculty	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
7	Rakhi Jha	NA	Faculty	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
8	Rakhi Chakraborty	NA	Faculty	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
9	Arun Kumar Marandi	NA	Faculty	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
10	Sweta Kumari Barnwal	NA	Faculty	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
11	Syed Rashid Anwar	NA	Faculty	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
12	Shahin Fatma	1203	Faculty	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
13	Rajkumari Ghosh	AJU/1137	Faculty	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
14	Trilochan Mahato	NA	Researcher Scholars	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
15	Pratyush Prasun	na	Researcher Scholars	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р



16	Sikee Kumari	AJU / 191362	Other	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
17	Priya Raman	AJU/1026	Other	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
18	Ruhi	AJU/201124	Other	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
19	Rohan Raj Gupta	NSU2103112	BCA	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
20	Ram Prasad Gorai	AJU/201317	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
21	Bimal Raj	AJU/201323	B .Tech	Р	Р	Α	Р	Р	Р	Р		Р	Р
22	Amrit Mohanty	AJU/211784	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
23	Rahul Kumar Rai	AJU/211842	B .Tech	Р	Р	Р	Α	Р	Р	Р	Р	Р	Р
24	Ankita Sinha	AJU/211805	B .Tech	Р	Р	Р	Р	Р	Α	Р	Р	Р	Р
25	Tanmay Giri	AJU/211076	B .Tech	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р
26	Vikash Pandey	AJU/211768	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
27	Ayush Gupta	AJU/211763	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р
28	Ritik Kumar	AJU/211289	B .Tech	Р	Р	Р	Р	Р	Р	Α	Р	Р	Р
29	Reshav Raj Srivastava	AJU/211914	B .Tech	Р	Р	Р	Р	А	Р	Р	Р	Р	Р
30	G.Karishma	AJU/211816	B .Tech	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р
31	Rishav Kumar Yadav	AJU/201227	B .Tech	Р	Α	Р	Р	Р	Р	Р	Р	Р	Р
32	Yuraj Sahu	AJU/200684	B .Tech	Р	Р	Р	Α	Р	Р	Р	Р	Р	Р
33	Shagufta Perween	AJU/201199	B .Tech	Р	Р	Р	Р	Р	Α	Р	Р	Р	Р
34	Vinay Kumar	AJU/201221	B .Tech	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р
35	Priyanka Kumari	AJU/201258	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р
36	Sapna Rana Bhatt	AJU191513	B .Tech	Р	Р	Р	Р	Α	Р	р	Р	Р	Р
37	Pappu Yadav	AJU/221156	B .Tech	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р



38	Sanskar Das	AJU/221566	B .Tech	Р	Р	Р	Р	Α	Р	Р	Р	Р	Р
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45	Anupam Shaw	AJU/221100	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
46	Rakesh Gorai	AJU/220619	B .Tech	Р	Р	Р	Α	Р	Р	Р	Р	Р	Р
47	Vikash Kumar Jha	AJU/221664	B .Tech	Р	Р	Р	Р	Р	Α	Р	Р	Р	Р
48	Mayan Kumar	AJU220682	B .Tech	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р
49	Piyush Kumar	AJU/221509	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р
50	Ayush Kumar	AJU/220922	B .Tech	Р	Р	Р	Р	Р	Р	Α	Р	Р	Р
51	Anish Kumar	AJU/221559	B .Tech	Р	Р	Р	Р	Α	Р	Р	Р	Р	Р
52	Som Parashar	AJU/220968	B .Tech	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р
53	Aastha Pradhan	AJU/221101	B .Tech	Р	Α	Р	Р	Р	Р	Р	Р	Р	Р
54	Ruhul Amin	AJU/221556	B .Tech	Р	Р	Р	Α	Р	Р	Р	Р	Р	Р
55	Gaurav Kumar Suman	AJU/221960	B .Tech	Р	Р	Р	Р	Р	Α	Р	Р	Р	Р
56	Mousumi Paul	AJU/201276	B .Tech	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р
57	Aniket Kumar	AJU/221284	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р
58	Debasish Pal	AJU/221661	B .Tech	Р	Р	Р	Р	Р	Р	А	Р	Р	Р
59	Rockey Kumar	AJU/221610	B .Tech	Р	Р	Р	Р	А	Р	Р	Р	Р	Р



60	Shashwati	AJU/220299	B .Tech	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р
61	Samir Suman	AJU/220732	B .Tech	Р	Α	Р	Р	Р	Р	Р	Р	Р	Р
62	Ankit Kumar Rai	AJU/221299	B .Tech	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р
63	Khushi	AJU/221215	B .Tech	Р	Р	Р	Р	Α	Р	Р	Р	Р	Р
64	Sandeep Kumar	AJU/221086	B .Tech	Р	Р	Р	Р	Р	Р	Α	Р	Р	Р
65	Sheikh Imran	AJU/221258	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Α	Р
66	Vicky Kumar	AJU/221039	B .Tech	Р	Р	Р	Р	Р	Р	Α	Р	Р	Р
67	Nayansi Kumari	AJU/220499	B .Tech	Р	Р	Р	Р	Α	Р	Р	Р	Р	Р
68	Manish Kumar Prasad	AJU/211755	B .Tech	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р
69	Pawangupta77	AJU/210582	B .Tech	Р	Р	Α	Р	Р	Р	Р	Р	Р	Р
70	Sangita Shekhar Deb	AJU/211795	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
71	Manish Kumar	AJU/200200	B .Tech	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р
72	Mohammad Sharif Ashraf	AJU/201049	B .Tech	Р	Р	Α	Р	Α	Р	Р	Р	р	Р
73	Vishal Pradhan	AJU/220980	B .Tech	Р	Р	Р	Р	Р	Р	Р	Α	Р	Р
74	Rohitkumar	AJU/221756	B .Tech	Р	Р	Α	Р	Р	Р	Α	Р	Р	Р
75	Tushar Kumar Das	AJU/220156	B .Tech	Р	Р	Р	Р	Α	Р	Р	Р	Р	Р
76	Nitish Prajapati	AJU/221981	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
77	Anushka Ayan	AJU/220335	B .Tech	Р	Α	Р	Р	Р	Р	Р	Р	Р	Р
78	Chandan Majhi	AJU-211538	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
79	Deepak Kumar	AJU/211213	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
80	Kumar Rajeev	AJU/210952	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р



81	Himani Kumari	AJU/211909	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
82	Sayan Karmakar	AJU/211291	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
83	Alok Mahato	AJU/211537	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
84	Abhishek Kumar	AJU/211552	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
85	Gourav Tiwary	AJU/210830	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
86	Abhishek Kumar	AJU/211906	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
87	Puja Mahali	AJU/211323	B .Tech	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
88	Bikku Kumar Yadav	AJU/211245	Polytechnic	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
89	Anurag Gupta	AJU/211666	Polytechnic	Р	Α	Р	Р	Α	Р	Α	Р	Α	Р
90	Sourav Kumar Pandey	AJU/211116	Polytechnic	Α	Р	Р	Р	Р	Р	Р	Р	Р	Р
91	Dhirendar Kumar	AJU/211139	Polytechnic	Р	Α	Α	Р	Α	Р	Α	Р	Α	Р
92	Deepak Sah	AJU/200479	Polytechnic	Р	Α	Р	Α	Р	Р	А	Р	Α	Р

