



**Miranda House
University of Delhi**

**Department of Physics
Departmental Annual report-3A
2024-2025
Departmental Activities: Curriculum and
Beyond**

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Academic year: 2024-2025 (From 1.7.2024 to 30.6.2025)

Part A.1

Students undertaking project work/internship/field work as a part of experiential learning component of coursework

Programme: UGCF 2022, Skill Enhancement Course (SEC)

Semester III

SEC paper: PCB Designing and Fabrication

Paper Code: 2516000001

Faculty (Project Mentor): Dr. Nirmala Saini and Dr. Vineeta

	Roll no.	Name	Course	Project title	Mentor
Group 1	2023/622	Komal	B.Sc (Hons) Physics	Fire Alarm	Dr. Nirmala Saini & Vineeta
	2023/709	Mansi	B.Sc (Hons) Physics		
	2023/401	Garima	B.Sc (Hons) Physics		
	2023/449	Himani	B.Sc (Hons) Physics		
Group 2	2023/281	Bhumika	B.Sc (Hons) Physics	Voltage detector	Dr. Nirmala Saini & Vineeta
	2023/379	E Metna Subba	B.Sc (Hons) Physics		



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	2023/575	Kushboo Yadav	B.Sc (Hons) Physics		
	2023/549	Kartika Jayakumar	B.Sc (Hons) Physics		
Group 3	2023/619	Km Vandana sharma	B.Sc (Hons) Physics	LED Thermometer	Dr. Nirmala Saini & Vineeta
	2023/665	Leeza rana	B.Sc (Hons) Physics		
	2023/185	Anushka Jain	B.Sc (Hons) Physics		
	2023/39	Abhilipsa Patra	B.Sc (Hons) Physics		
Group 4	2023/461	Iram Naaz	B.Sc (Hons) Physics	Power supply module	Dr. Nirmala Saini & Vineeta
	2023/498	Jasmeen Kaur	B.Sc (Hons) Physics		
	2023/680	Mahak	B.Sc (Hons) Physics		
	2023/121	Anjali	B.Sc (Hons) Physics		
Group 5	2023/760	Monika Meena	B.Sc (Hons) Physics	Fridge door alarm	Dr. Nirmala Saini & Vineeta
	2023/216	Asha Madhoki	B.Sc (Hons) Physics		
	2023/316	Deepanjali Goswami	B.Sc (Hons) Physics		
	2023/602	Khushi Singh	B.Sc (Hons) Physics		



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Group 6	2023/770	Muskan	B.Sc (Hons) Physics	Metal Detector	Dr. Nirmala Saini & Vineeta
	2023/190	Aprajita Mishra	B.Sc (Hons) Physics		
	2023/727	Medha	B.Sc (Hons) Physics		
	2023/489	Janaki C Joby	B.Sc (Hons) Physics		
Group 7	2023/553	Kashish Kumari	B.Sc (Hons) Physics	Automatic Fire extinguisher	Dr. Nirmala Saini & Vineeta
	2023/170	Anveeta Mohanty	B.Sc (Hons) Physics		
	2023/207	Arunima Gulathi	B.Sc (Hons) Chemistry		
Group 8	2023/671	Lovely Agrawal	B.Sc (Hons) Physics	Door security alarm	Dr. Nirmala Saini & Vineeta
	2023/508	Jigyasa Rana	B.Sc (Hons) Physics		
	2023/1568	Divya Dhaka	B.Sc (Hons) Physics		
	2023/957	Preeti	B.Sc (Physical Science) with Computer Science		
Group 9	2023/399	Gargi Tripathi	B.Sc (Hons) Physics	Electric Piano	Dr. Nirmala Saini & Vineeta
	2023/251	Ayushi Gupta	B.Sc (Hons) Physics		



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	2023/763	Ms. Bhumika	B.Sc (Hons) Physics		
	2023/289	Bishwashri Majumdar	B.Sc (Hons) Physics		
Group 10	2023/28	Aastha	B.Sc (Hons) Physics	Water Level Detector	Dr. Nirmala Saini & Vineeta
	2023/534	Kanak Goyal	B.Sc (Hons) Physics		
	2023/04	Aachal Rani	B.Sc (Hons) Physics		
	2023/298	Charvi Joshi	B.Sc (Hons) Physics		



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Programme: UGCF 2022, Skill Enhancement Course (SEC)

Semester IV

SEC paper: PCB Designing and Fabrication

Paper Code: 2516000001

Faculty (Project Mentor): Dr. Nirmala Saini and Dr. Vineeta

Group No.	Roll no.	Students Name	Course Name	Project Title	Mentor Name
1	2023/1599	Purvanshi Sharma	B.Sc. (Honours) Physics	Battery Level Detector	Dr. Nirmala Saini & Vineeta
	2023/966	Prisha	B.Sc. (Honours) Physics		
	2023/947	Pratigya Mahala	B.Sc. (Honours) Physics		
2	2023/876	Palak	B.Sc. (Honours) Physics	LIE DETECTOR	Dr. Nirmala Saini & Vineeta
	2023/1309	Srijita Sana	B.Sc. (Honours) Physics		
	2023/1297	Sonia Das	B.Sc. (Honours) Physics		
	2023/885	Palak Tak	B.Sc. (Honours) Physics		
3	2023/1600	Tanu	B.Sc. (Honours) Physics	motion detector	Dr. Nirmala Saini & Vineeta
	2023/1363	Sweety Dhaka	B.Sc. (Honours)		



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			Physics		
	2023/1264	Sneh	B.Sc. (Honours) Physics		
4	2023/1296	Sonia	B.Sc. (Honours) Physics	stereo audio amplifier	Dr. Nirmala Saini & Vineeta
	2023/840	Nikita Tiwari	B.Sc. (Honours) Physics		
	2023/1157	Saumya Pal	B.Sc. (Honours) Physics		
5	2023/1697	Soumya Singh	B.Sc. (Honours) Physics	Clap activated LED Final	Dr. Nirmala Saini & Vineeta
	2023/1199	Showna Sharma	B.Sc. (Honours) Physics		
	2023/810	Neetu kumari	B.Sc. (Honours) Physics		
6	2023/1153	Saswati Borphukan	B.Sc. (Honours) Physics	Traffic Light	Dr. Nirmala Saini & Vineeta
	2023/1456	Vanshika Dogra	B.Sc. (Honours) Physics		
	2023/1365	Sweta Dhaka	B.Sc. (Honours) Physics		
	2023/1378	Tanisha	B.Sc. (Honours) Physics		



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7	2023/872	Ojaswini Upmanyu	B.Sc. (Honours) Physics	Chaser LED	Dr. Nirmala Saini & Vineeta
	2023/797	Nandini Singh	B.Sc. (Honours) Physics		
	2023/1228	Shruti Kartik	B.Sc. (Honours) Chemistry		
	2023/154	Anshika sharma	B.Sc. Physical Science with Computer Science		



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Programme: UGCF 2022, Skill Enhancement Course (SEC)

Semester III

SEC paper: Electronic Product Testing

Paper Code: 2516000002

Faculty (Project Mentor): Prof. Monika Tomar, Dr. Nirmala Saini and Dr. Vineeta

Group No.	Name	Roll No.	Course	Project Title	Mentor
1	Geetanjali	2022/364	B.Sc.(Hons) Physics	Solar powered battery charging system using Arduino	Prof. Monika Tomar, Dr. Nirmala Saini & Dr. vineeta
	Khushi	2022/514	B.Sc.(Hons) Physics		
	Anita Kumari	2022/1564	B.Sc.(Hons) Physics		
	Kanak	2022/474	B.Sc.(Hons) Physics		
	Khushi	2022/515	B.Sc.(Hons) Physics		
2	Grace	2022/369	B.Sc.(Hons) Physics	Designing SMPS	Prof. Monika Tomar, Dr. Nirmala Saini & Dr. vineeta
	Aarju	2022/11	B.Sc.(Hons) Physics		
	Ekta	2022/1578	B.Sc.(Hons) Physics		
	Anika	2022/115	B.Sc.(Hons) Physics		



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	Jheelina	2022/412	B.Sc.(Hons) Physics		
	Aditi	2022/44	B.Sc.(Hons) Physics		
3	Aishwarya	2022/58	B.Sc.(Hons) Physics	Sun tracking solar panels	Prof. Monika Tomar, Dr. Nirmala Saini & Dr. vineeta
	Sakshi	2022/1643	B.Sc Life Science		
	Fida Fatima	2022/346	B.Sc.(Hons) Physics		
	Daidipya	2022/266	B.Sc.(Hons) Physics		
	Kajal	2022/467	B.Sc.(Hons) Physics		
4	Mehak	2022/640	B.Sc.(Hons) Physics	Assembling and testing of UPS	Prof. Monika Tomar, Dr. Nirmala Saini & Dr. vineeta
	Manshi Nehra	2022/617	B.Sc.(Hons) Physics		
	Aastha Sharma	2022/25	B.Sc.(Hons) Physics		
	Lipi	2022/587	B.Sc.(Hons) Physics		
	Harshita	2022/383	B.Sc.(Hons) Physics		



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Programme: UGCF 2022, Value Addition Course (VAC)

Semester I

VAC paper: Digital Empowerment

Paper Code: 6967001004

Faculty (Project Mentor): Dr. Nirmala Saini

Group No.	Name	Roll No.	Department	Topic	Faculty Mentor
1	Sakshi Shandilya	2024/712	BA Programme	E-governance: its impact on india	Dr. Nirmala Saini
	Vishva Patel	2024/769	BA Hons (Political)		
	Rashi verma	2024/210	physical science with computer		
	Taniya	2024/1057	physical science with computer		
		2024/382	BA (English + Philosophy)		
2	Rigzin Angmo	2024/417	B.Sc. (H) Physics	Public utility portals of government of India	Dr. Nirmala Saini
	Shaina	2024/1049	B.Sc. (H) Physics		
	Tunisha Yadav	2024/1509	B.Sc. (H) Physics		
	Ramayani Roy	2024/184	B.Sc. (H) Physics		
	Suhani Kumari	2024/1679	B.Sc. (H) Physics		
	Vibhuti	2024/1042	B.Sc. (H) Physics		



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3	Rumish Ali Saif	2024/230	BA (Political Science Major, Economics Minor)	Cyber Security Initiatives by Government of India	Dr. Nirmala Saini
	Sania	2024/237	BA Geography Hons		
	Leisna	2024/1566	BSc Maths Hons		
	Varuni	2024/357	Bsc Maths Hons		
	Shalini	2024/1197			
4	Simrita Chauhan	2024/86	Chemistry Hons	Threats in Digital World : Data Breach and Cyber security	Dr. Nirmala Saini
	Sakshi	2024/469	Chemistry Hons		
	Rashi	2024/419	Chemistry Hons		
	Tamanna	2024/1302	Physics Hons		
	Shweta	2024/1491	Physics Hons		
5	Sneha	2024/174	Bsc (Hons.) Mathematics	Electronic communication : Social Media	Dr. Nirmala Saini
	Vanshika Singh	2024/786	Mathematics (Hons.)		
	Ronak	2024/615	Mathematics Hons		
	Srishti	2024/1483	BAP		
6	sakshi	2024/1106	computer science	How to prevent cyber attacks?	Dr. Nirmala Saini



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	somya	2024/178	computer science		
	Shahar Begum	2024/1682	economic hon.		
	sonali gupta	2024/1247	sociology		
	Shivani	2024/1014	hindi honours		
7	Shreya Vashishth	2024/281	Geography Hons	Public Utility Portals: RIGHT TO INFORMATION(RTI)	Dr. Nirmala Saini
	Shruti Sharma	2024/132	Geography Hons		
	Ritika Kakar	2024/1580	Physics Hons		
	Sakshi Choudhary	2024/1310	BA Programme		
	Sonam Rai	2024/941	Philosophy Hons		
8	Tamanna	2024/1465	Mathematics hons.	CYBER SECURITY AND DATA BREACHES	Dr. Nirmala Saini
	Yashvi	2024/947	Mathematics hons.		
	Shreya Ram	2024/1221	BA programme		
	Tanisha Johar	2024/1557	Mathematics hons.		
	Surbhi	2024/1466	Mathematics hons.		
9	Rupali Soni	2024/1010	Eco(Hons)	Electronic communication (email,Blogs,Soci al Media)	Dr. Nirmala Saini
	Shruti	2024/1058	Physics(Hons)		
	Vaibhawi	2024/276	Physics(Hons)		
	Vishakha	2024/1370	Physics(Hons)		
	Vandana	2024/1288	History Hons		



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10	Tanisha	2024/112 4	chemistry (hons)	Impact of Social Media	Dr. Nirmala Saini
	Tanu	2024/139 4	chemistry (hons)		
	Vanshika	2024/122 9	chemistry (hons)		
	Vanshika Agarwal	2024/164 2	zoology(hons)		
	Sapna Lakra	2024/109 3	B. A.(Philosophy Hons.)		
11	Vranda Agrawal	2024/715	Eco(Hons)	Vision of Digital India	Dr. Nirmala Saini
	Yana Aggarwal	2024/511	Eco(Hons)		
	Sneha Priya	2024/626	Eco(Hons)		
	Ritima Mahajan	2024/143	Eco(Hons)		
	Rhea Bakshi	2024/854	B. A(prg), ECo andPolitical Sc.		
12	Trapti upadhyay	2024/113 3	Physics (Hons)	Blockchain technology	Dr. Nirmala Saini
	Renu meena	2024/471	political science (Hons)		
	Vanessa Ahuja	2024/162 0	Mathematics (Hon)		
	Varenya Shrikande		Sociology (Hons)		
	Sandhya Devi	2024/975	Ba Programme		



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Programme: UGCF 2022, Value Addition Course (VAC)

Semester I

VAC paper: Digital Empowerment

Paper Code: 6967001004

Faculty (Project Mentor): Ms. Zarina Banoo

Group No.	Name	Roll No.	Department	Topic	Faculty
1	Deepthi	2024/358	B.Sc Phys Sci with CS	Threads in Digital World	Ms Zarina Banoo
	Divya	2024/1513	B.Sc Phys Sci with CS		
	Ayushi Yadav	2024/1206	B.A Hons Economics		
	Aakriti-Mittal	2024/861	B.Sc Phys Sci with CS		
2	Aanya Narula	2024/480	B.A Hons Economics	Netiquettes + Ethics in Digital commun	Ms Zarina Banoo
	Aishwarya Bansal	2024/599	B.A Hons Economics		
	Gargi Mittal	2024/335	B.A Hons Economics		
	Avika	2024/1458	B.Sc Hons Phys		
3	Gouri Bhalla	2024/55	B.A Proggm	Vision of Digital India	Ms Zarina Banoo
	Anushka Verma	2024/124	B.A Proggm		
	Anandi SRIVASTAVA	2024/209	B.A Proggm		



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	Anita	2024/919	B.Sc Hons Geography		
4	Gurpavit-kaur	2024/302	B.A Proggm	Security Initiatives by Govt of India	Ms Zarina Banoo
	Gajal Raj	2024/352	B.Sc Hons Maths		
	Anjali Devi Gill	2024/474	B.Sc Hons Maths		
	Dimpyta	2024/535	B.A Hons Economics		
5	Anshika	2024/1017	B.Sc Hons Chem	Tools and Platform for Online learning	Ms Zarina Banoo
	Anshika	2024/421	B.Sc Hons Chem		
	Anuka	2024/1637	B.Sc Hons Chem		
	Astha Kapoor	2024/312	B.Sc Hons Chem		
6	Aakriti Yadav	2024/52	B.A Hons Polical Science	Online Security and Privacy	Ms Zarina Banoo
	Aanya Pandey	2024/1430	B.A Hons English		
	Anam Qureshi	2024/816	B.Sc Physical Science		
	Aanchal Nautyal	2024/1619	B.A Hons Economics		
7	Anshu Sharma	2024/188	B.Sc Hons Physics	Public Utility Portals	Ms Zarina Banoo
	Apoorva Arya	2024/1357	B.Sc Hons Physics		
	Anuska Shree	2024/1025	B.Sc Hons Physics		
	Bidisha Shree	2024/1655	B.Sc Hons Physics		



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8	Ananya Singh	2024/716	B.Sc Hons Maths	Electronic Communication	Ms Zarina Banoo
	Debangana Das	2024/400	B.Sc Hons Geography		
	Akruti Kar	2024/349	B.Sc Hons Sociology		
	Divya	2024/1594	B.Sc Phys Sci with CS		
9	Amulya Narania	2024/1591	Multidisiplinary	Needs and Challenges of Digital India	Ms Zarina Banoo
	Divyanshi Rastogi	2024/1380	B.A Hons Economics		
	Ankeeta Bangotra	2024/26	B.A Hons History		
	Eningkualle- Pame	2024/1281	B.A Hons Economics		
10	Baby	2024/1367	B.Sc Hons Physics	Ethics in Cyber Space	Ms Zarina Banoo
	Gungun	2024/1379	B.Sc Hons Physics		
	Aarju	2024/1215	B.Sc Hons Physics		
	Anuja Maurya	2024/1616	B.Sc Hons Physics		
11	Divya	5362024/	B.Sc Hons Physics	Collaborative Digital Platforms	Ms Zarina Banoo
	Aakanksha Saini	2024/533	B.Sc Hons Physics		
	Aakanksha Maheshwari	2024/257	B.Sc Hons Physics		



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	Babita Rawat	2024/1320	B.Sc Hons Physics		
12	Anupma singh	2024/1411	B.A Proggm	Ethics in digital communication	Ms Zarina Banoo
	Aarya Sharma	2024/51	B.A Hons Sociology		
	Arpita Kumari	2024/600	B.A Hons Sociology		
13	Archita Banerjee	2024/57	B.A Hons Sociology	Ethics in Cyber Space	Ms Zarina Banoo
	Anu Kumari	2024/1581	B.A Proggm		
	Gungun	2024/1290	B.Sc Hons Physics		
14	Amrita Pal	2024/1224	B.Sc Hons Physics	Block chain Technology	Ms Zarina Banoo
	Anjana P.K	2024/1339	B.A Hons Economics		
	Anuska	2024/1309	B.Sc Hons Physics		
	Beryl Blessy	2024/1664	B.A Proggm		



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Programme: UGCF 2022, Value Addition Course (VAC)

Semester : I

VAC paper: Digital Empowerment

Paper Code: 6967001004

Faculty (Project Mentor): Dr. Nisha Rani

Name	College Roll Number	Course	Project Title	Mentor
Khushboo	305	BA Prog/ I	Tools/platform for online learning	Dr. Nisha Rani
Kamakshi	68	BSc Life Sciences		
Komal	1140	BSc Math (H)		
Mitrushi	479	BA Prog		
Himadri	1567	BSc Math (H)	Ethics in Cyberspace	Dr. Nisha Rani
Mahak Yadav	900	BSc Physics (H)		
Jayee Deori	723	BA Eng (H)		
Kanika	804	BSc Physics (H)	Block Chain Technology	Dr. Nisha Rani
Isha Saini	1524	BSc Physics (H)		
Kashish	359	BSc Physics (H)		
Princy	1340	BA Eco (H)	Platform of Online learning	Dr. Nisha Rani
Kajal	1381	BA Eco (H)		
Muskan	1175	BSc Chemistry (H)		
Nimisha	859	BA Geography (H)	Social Media	Dr. Nisha Rani
Kriti	940	BSc Math (H)		
Khushi	893	BSc Math (H)		
Mahika Pawar	620	BA Eco (H)		



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Kalpana	366	BA Multidisciplinary	Online Security and privacy	Dr. Nisha Rani
Leisha	507	BA Eco (H)		
Kalyani	214	BA Eco (H)		
Laiva	668	BA Prog		
Priyanka	389	BSc Chemistry (H)	Needs and Challenges of Digital Empowerment and Digital Inclusion	Dr. Nisha Rani
Priya	867	BSc APS		
Ishika	543	BSc APS		
Punit	1109	BSc Chemistry (H)		
Palak	678	BSc Physics (H)	Vision of Digital India	Dr. Nisha Rani
Nisha	1623	BSc Chemistry (H)		
Priyanshi Verma	1185	BSc Math (H)		
Niharika	1059	BA Geography (H)	Finance	Dr. Nisha Rani
Olivia	15	BA Pol Sc (H)		
Pragya	1476	BA Pol Sc (H)		
Nandini	346	BA History (H)		
Nandita	572	BSc Physics (H)	Threats in Digital world: Data Breach and Cyber Attacks	Dr. Nisha Rani
Neha	1165	BSc Physics (H)		
Radha Choudhary	691	BSc Physics (H)		
Mahima Chauhan	1095	BA Prog		
Pari	1592	BSc Physics (H)	RTI	Dr. Nisha Rani
Muskan Jakhar	12	BSc Physics (H)		
Muskan Singh	780	BSc Physics (H)		



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Madanika	922	BSc Physics (H)	Tools/platform for online learning	Dr. Nisha Rani
Matilda	1570	BSc Physics (H)		
Proxima	969	BSc Physics (H)		
Komal Yadav	1436	BSc Chemistry (H)	Vision of Digital India	Dr. Nisha Rani
Mahak	1515	BSc Chemistry (H)		
Isha	1519	BSc Physics (H)		
Madhulika	1673	BSc Physics (H)	Online learning tools and platform	Dr. Nisha Rani
Kristi Sikha Deka	1638	BSc. Zoology (H)		
Palak Yadav	243	BA History (H)	Online Security and privacy	Dr. Nisha Rani
Mansi	1341	BA History (H)		
Kanak Yadav	1342	BA History (H)		
Pratyaksha	269	BA History (H)		
Ishaani	547	BA Prog	Electronic Communication	Dr. Nisha Rani
Nisha Pachar	1457	BA Prog		
Mahimaraj	509	BSc Physical Sciences		
Km Subhi	1745	BA Eco (H)		
Khushi Km	147	BA Philosphy (H)	Social Media Engagement	Dr. Nisha Rani
Harshita	1828	BA Philosphy (H)		
Prathna				



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Programme: UGCF 2022, Value Addition Course (VAC)

Semester II

VAC paper: Digital Empowerment

Paper Code: 6967001004

Faculty (Project Mentor): Dr. Nirmala Saini

Group No.	Name	Department	Roll No.	Topic	Faculty Mentor
1	Pranshi Chaudha	B.A.(H) Political Science	2024/582	Online Security and Privacy	Dr. Nirmala Saini
	Hiya Bose	B.A.(H) Political Science	2024/450		
	Anshika Singh Rajawat	B.A.(H) Political Science	2024/27		
	Khushi Shekhawat	B.A.(H) Political Science	2024/498		
2	Habiba Khan	B.A. (H) Geography	2024/29	Electronic communication	Dr. Nirmala Saini
	Janhvi Jeph	B.A. (H) Geography	2024/532		
	Sukanya Das	B.A. (H) Geography	2024/684		
	Sugandh Suri	B.A. (H) Geography	2024/242		
3	Vani Pareek	B.A.(H) Political Science	2024/1734	Vision of Digital India	Dr. Nirmala Saini



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	Manaswini	B.A.(H) Political Science	2024/1763		
	Zikra	B.A.(H) Political Science	2024/1732		
	Niti	B.A.(H) Political Science	2024/1731		
4	Khushboo	B.A. (H) Geography	2024/594	DIGITAL ETHICS AND NETIQUETTE: RESPONSIBILITY IN THE AGE OF CONNECTIVITY	Dr. Nirmala Saini
	Drishti	B.A. (H) Geography	2024/397		
	Khushi sharma	B.A. (H) Geography	2024/385		
	Shivani	B.A. (H) Geography	2024/336		
5	Anumeha	B.A. (H) History	2024/785	Needs and Challenges of Digital Inclusion and Digital Empowerment	Dr. Nirmala Saini
	Anushka Shukla	B.A. (H) History	2024/324		
	Pranjal Tuteja	B.A.(H) Political Science	2024/270		
	Ragini Tiwari	B.A.(H) Political Science	2024/1179		
6	Srishti Prasad	B.A.(H) Political Science	2024/664	Threats in digital world and initiative	Dr. Nirmala Saini
	Pari Pandey	B.A.(H) Political Science	2024/590		



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	shreem bindal	B.A.(H) Political Science	2024/852		
	sristi dutta	B.A.(H) Political Science	2024/25		
7	Lavya	B.A.(H) Political Science	2024/320	Netiquette	Dr. Nirmala Saini
	Ilma Asif	B.A.(H) Political Science	2024/1736		
	Sudha Panday	B.A.(H) Political Science	2024/1738		
	Diya Dash	B.A.(H) Political Science	2024/213		
8	Supriya	B.A. (H) Hindi	2024/1454	Tools/ platform for online learning	Dr. Nirmala Saini
	Rishita	B.A. (H) Hindi	2024/765		
	Sonal bharti	B.A. (H) Hindi	2024/491		
	Payal	B.A. (H) Hindi	2024/1150		
9	Jigyasa Choudhury	B.A. (H) Hindi	2024/666	Security Initiatives by the Govt of India	Dr. Nirmala Saini
	Hetal Deora	B.A. (H) Hindi	2024/1177		
	Asmi Kumari	B.A. (H) Hindi	2024/959		
10	Krish	B.A. (H) Political Science	2024/232	Ethics in Digital Communication	Dr. Nirmala Saini
	Gandi srividya	B.A. (H) Geography	2024/441		



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	Disha saroj	B.A. (H) History	2024/1183		
	Kritika	B.A. (H) Political Science	2024/674		
11	Amrita Arun	B.A. (H) History	2024/1854	Ethics in Cyberspace	Dr. Nirmala Saini
	Yanshika	B.A. (H) History	2024/943		
	Reesha Pathan	B.A. (H) History	2024/244		
	Suhani Raj	B.A. (H) History	2024/552		
12	Prateeksha Tiwari	B.A. (H) Geography	2024/587	Tools/ platform for online learning	Dr. Nirmala Saini
	Prova Mandal	B.A. (H) Geography	2024/449		
	Suruti Chaudhary	B.A. (H) Geography	2024/745		
13	Anshika	B.A. (H) History	2024/517	Public utility portals of Govt.of India	Dr. Nirmala Saini
	Abhilasha	B.A.(H) Philosophy	2024/746		
	Anushka meena	B.A. (H) Hindi	2024/328		
	Rishika	B.A. (H) History	2024/1343		
14	Anjali kumari	B.A.(H) Plitical Science	2024/154	Blockchain Technology	Dr. Nirmala Saini
	Anjali Pal	B.A.(H) History	2024/239		
	Shruti	B.A. (H) Hindi	2024/340		



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15	Manya Rai	B.A.(H) History	2024/950	Digital collaborative platforms	Dr. Nirmala Saini
	Anshul Kumari	B.A.(H) Plitical Science	2024/539		
16	khUSHI Yadav	B.A.(H) Political Science	513	Digital Empowerment through Collaboration tools, Unlocking Opportunities with File Sharing, Messaging, and Video Conferencing	Dr. Nirmala Saini
	Anjali Bhargav	B.A.(H) Geography	681		
	Tehzeeb	B.A.(H) Political Science	1535		
17	Suruti Chaudhary	B.A (H) Geography	2024/745	A vision for Digital India	Dr. Nirmala Saini
	2024/745				
18	Sarah Sharma	B.A.(H) History	2024/726	E-Security and Security initiative by Government	Dr. Nirmala Saini
19	Arushi	Bsc. Life Sciences	2023/209	Ethical issues in digital world	Dr. Nirmala Saini



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Programme: UGCF 2022, Value Addition Course (VAC)

Semester II

VAC paper: Digital Empowerment

Paper Code: 6967001004

Faculty (Project Mentor): Ms. Zarina Banoo

Group No.	Name	Roll No.	Department	Topic	Faculty
1	Diksha Jharotiya	2024/1273	B.A. (Honours) Economics	Collaborative Digital Platform	Ms Zarina Banoo
	Neha Tems	2024/614	B.A. (Honours) Economics		
	Eshita Arya	2024/525	B.A. (Honours) Economics		
	Monami Roy Pradan	2024/1176	B.A. (Honours) Economics		
2	Aastha Parik	2024/199	B.A. (Honours) Economics	Vision of Digital India (e-Patshala, E-Hospital and e-Kranti	Ms Zarina Banoo
	A Siyandra	2024/395	B.A. (Honours) Economics		
	Khushi Gupta	2024/1338	B.A. (Honours) Economics		
	Abrinnda	2024/190	B.A. (Honours) Economics		
3	Kaligotta Sai Harshita	2024/222	B.A. (Honours) English	Online Security and Privacy	Ms Zarina Banoo
	Gunjan Tanwar	2024/171	B.A. (Honours) English		



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	Bhavya Jaswal	2024/526	B.A. (Honours) English		
	khushi	2024/564	B.A. (Honours) English		
4	Sakshi Singh	2024/999	B.A. (Honours) English	Needs and Challenges of Digital India	Ms Zarina Banoo
	Sakshi Kumari	2024/966	B.A. (Honours) English		
	Pragya Nidhi	2024/71	B.A. (Honours) English		
5	Ritika	2024/1839	B.A. (Honours) Geography	Ethics in Digital communication	Ms Zarina Banoo
	Mannat	2024/1534	B.A. (Honours) Geography		
	Muskan Sharma	2024/1181	B.A. (Honours) Geography		
	Prantika	2024/1526	B.A. (Honours) Geography		
6	Himanshi Singh	2024/569	B.A. (Honours) Economics	Block chain Technology	Ms Zarina Banoo
	Bhumi Gaur	2024/534	B.A. (Honours) Economics		
	Shruti Yadav	2024/231	B.A. (Honours) Economics		
	Pranjali	2024/33	B.A. (Honours) Economics		



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7	Manaswi Bansal	2024/495	B.A. (Honours) Economics	Electronic communication	Ms Zarina Banoo
	Jhanvi Shree	2024/1115	B.A. (Honours) Economics		
	Anjali Vermani	2024/1034	B.A. (Honours) Economics		
	Devanshi Saini	2024/1244	B.A. (Honours) Economics		
8	Shristri Sandeep More	2024/1123	B.A. (Honours) Economics	Ethics in Cyber Space	Ms Zarina Banoo
	Rakshita Bhola	2024/453	B.A. (Honours) Economics		
	Bhawwishyaa	2024/60	B.A. (Honours) Economics		
	Sudhi Mahajan	2024/1155	B.A. (Honours) Economics		
	Aanya Jina	2024/1780	B.A. (Honours) Economics		
9	Leisha Pandita	2024/507	B.A. (Honours) Economics	Security Initiatives by Govt. of India	Ms Zarina Banoo
	Jigisha Sharma	2024/672	B.A. (Honours) Economics		
	Kumari Nancy	2024/122	B.A. (Honours) Economics		
	Pratika	2024/1254	B.A. (Honours) English		
10	Janeefar Afaque	2024/405	B.A. (Honours)	Threads in the	Ms Zarina



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			English	Digital World	Banoo
	Bhumika Arora	2024/963	B.A. (Honours) English		
	Kashish Panwar	2024/597	B.A. (Honours) English		
	Anviksha Singh	2024/22	B.A. (Honours) English		
11	Arushi Thakur	2024/686	B.A. (Honours) English	Tools/Platforms for online learning	Ms Zarina Banoo
	Ifrah Ahmad	2024/84	B.A. (Honours) English		
	Aaditi Singh	2024/616	B.A. (Honours) English		
	Indrani Biswas	2024/873	B.A. (Honours) English		
12	Tiska Sharmaa	2024/224	B.A. (Honours) English	Vision of Digital India (DigiLocker, BHIM E-Health Campaigns)	Ms Zarina Banoo
	Meenal Kaudap	2024/374	B.A. (Honours) English		
	Manya Parashar	2024/1857	B.A. (Honours) English		
	Nandinii	2024/1396	B.A. (Honours) English		
13	Vishakha	2024/1600	B.A. (Honours) Economics	Public Utility Portals	Ms Zarina Banoo
	Nimisha Saxena	2024/373	B.A. (Honours) Economics		



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	Lavanya Rathee	2024/1744	B.A. (Honours) Economics		
	Kinza Rahman	2024/1844	B.A. (Honours) Economics		
14	Kashish	2024/1599	B.A. (Honours) Economics	Online Security and Privacy	Ms Zarina Banoo
	Shaana Faizal	2024/1219	B.A. (Honours) Economics		
	Anushka Lakra	2024/1319	B.A. (Honours) English		
	Khushi Gupta	2024/1839	B.A. (Honours) Economics		
15	Tavishka Kalakoti	2024/934	B.A. (Honours) English	Digital Ethics and Netiquettes	Ms Zarina Banoo

Programme: UGCF 2022, Value Addition Course (VAC)

Semester II

VAC paper: Digital Empowerment

Paper Code: 6967001004

Faculty (Project Mentor): Dr. Vineeta



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Group no.	Name of the students	Course Name	Roll no.	Topics	Faculty Mentor
1	Pratiti Sharma(1073)	B.A. (Honours) Sociology	2024/1073	Ethics in cyberspace	Dr. Vineeta
	Gemarin Angom (372)	B.A. (Honours) Sociology	2024/372		
	Sanjuli Brahma (1071)	B.A. (Honours) Sociology	2024/1071		
2	Akanksha(553)	B.Sc. (Honours) Physics	2024/553	e-Kranti	Dr. Vineeta
	Kumkum Meena(880)	B.Sc. (Honours) Physics	2024/880		
	Himani Yadav(792)	B.Sc. (Honours) Physics	2024/792		
3	Nannepaga Amritha Meghana	B.Sc. (Hons.) Chemistry	2024/1520	Trailblazing india's healthcare	Dr. Vineeta
	Payal	B.Sc. (Hons.) Chemistry	2024/1518		
	Smriti Verma	B.Sc. (Hons.) Chemistry	2024/1332		
4	Deepti yadav (1865)	B.Sc. (Honours) Physics	2024/1865	Social Media	Dr. Vineeta
	Akansha (555)	B.Sc. (Honours) Physics	2024/555		
	kanak Pathak (1694)	B.Sc. (Honours) Physics	2024/1694		
5	Pranati Goswami	B.A. (Honours) Sociology	2024/240	Netiquettes	Dr. Vineeta



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	Mriganki Semwal	BA. Multidisciplinary	2024/1053		
	Stanzin Chozom	BA. Multidisciplinary	2024/1321		
6	Aparna	Bsc physical sciences with CS	2024/275		
	Manya Ranjan	Bsc physical sciences with CS	2024/1440		
	Astha diwan	Bsc physical sciences with CS	2024/185	Threats in Digital world	Dr. Vineeta
7	Ishika Ghagre	B.A.Program (Eco His)	2024/123		
	Prachi Gupta	B.A.Program (Eco Maths)	2024/1120		
	Aashi Shrivastava	B.A. Program (Maths Geo)	2024/1139		
	Srishti Verma	BA Multidisciplinary (History Geo)	2024/112	Threats in digital world	Dr. Vineeta
8	Pratibha Dhakar	BA Multidisciplinary	2024/1068		
	Tamanna	BA Multidisciplinary	2024/104		
	Mohini Kumari	B.A.Program	2024/1251	PAN Card- UTI portals	Dr. Vineeta
9	Nancy	B.Sc. (Honours) Zoology	2024/1835		
	Mukta Mandal	B.Sc. (Honours) Zoology	2024/1628		



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	Maryam Islam	B.Sc. (Honours) Zoology	2024/1315		
	Sonal Chandra	B.Sc. (Honours) Zoology	2024/810		
10	Aaisha Shoeb	B.Sc. (Honours) Zoology	2024/1660	Towards an secure cyberspace safe	Dr. Vineeta
	Saniya Siddiqui	B.Sc. (Honours) Zoology	2024/619		
	Isha Kumari	B.Sc. (Honours) Zoology	2024/1504		
11	Riya (596)	B.Sc. (Honours) Physics	2024/596	Comparative analysis of various UPI apps	Dr. Vineeta
	Nimrata (69)	B.Sc (Honours) Botany	2024/69		
	Khushi Sharma (1686)	B.Sc. (Honours) Physics	2024/1686		
12	Deepanshi yadav (2024/158)	Bsc physical sciences with CS	2024/158	Digital Marketing & e-commerce	Dr. Vineeta
	Saloni (2024/1456)	Bsc physical sciences with CS	2024/1456		
	Monika (2024/1650)	Bsc physical sciences with CS	2024/1650		
13	Niranjana S	BA Multidisciplinary	2024/115	Blockchain Technology	Dr. Vineeta
	Niharika	BA Multidisciplinary	2024/1078		



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	Tejaswini Samanta	B.Sc. (Honours) Mathematics	2024/1705		
14	Arpita patel	BSc Life Sciences	2024/1832	Tools for online learning	Dr. Vineeta
	Pooja Kumari Devanda	B.Sc. (Honours) Mathematics	2024/384		
16	ashita verma	B.Sc. (Honours) Mathematics	2024/1464	Cybersecurity	Dr. Vineeta
	mahak goyal	B.Sc. (Honours) Mathematics	2024/97		
	manya agarwal	B.Sc. (Honours) Mathematics	2024/1597		
17	Khushi Bithu	B.A. (Honours) Sociology	2024/42	Ethics in Digital platforms	Dr. Vineeta
	Aarya Tripathi	B.A. (Honours) Sociology	2024/750		
18	Savita Bai Meena	BA Programme	2024/1102	Ethics in Digital platforms	Dr. Vineeta
	Pinku	Ba Programme	2024/116		
	Ridhima Ratnu	Bsc Maths hons	2024/996		
	Radha	BA Programme	2024/1161		
19	Khushi Gupta	Bsc zoology hons	2024/1048	RTI	Dr. Vineeta
	Kritika	Ba Political Science Hons	2024/92		
	Pawani Joshi	B.Sc. (Honours) Physics	2024/886		
	Priyanshi Maan	B.Sc. (Honours) Physics	2024/1145		



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20	Charu Meena	B.A. Programme	2024/1235	e- pathshala	Dr. Vineeta
21	Kashfi Sarfaraz	B.Sc. (Honours) Zoology	2024/1651	Ethical issues in digital world	Dr. Vineeta



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Programme: UGCF 2022, Value Addition Course (VAC)

Semester III

VAC paper: Digital Empowerment

Paper Code: 6967001004

Faculty (Project Mentor): Dr. Nitish

Group No.	Name of the Student	Roll No.	Course	Project Title	Supervisor
1	Suhani Vats	2023/1338	B.A (Hons) Political Science	Ethics and Cybersecurity	Dr. Nitish
	Reema Singh	2023/1035	B.A (Hons) Political Science		
	Pawni Malik	2023/902	B.A (Hons) Political Science		
	Ishika Khatri	2023/472	B.A (Hons) Political Science		
	Vanshika Singh	2023/1461	B.A (Hons) Political Science		
2	Dipanshi	2023/348	B.A (Hons) English	Digital literacy	Dr. Nitish
	Divya singh	2023/365	B.A (Hons) English		
	Ankita Garg	2023/141	B.A (Hons) Geography		



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3	Manya Rastogi	2023/722	B.A (Hons) Political Science	Digital Revolution: Cryptocurrency & India's digital currency	Dr. Nitish
	Mega khajuria	2023/1539	B.A (Hons) Political Science		
	Niharika Thakur	2023/832	B.A (Hons) Political Science		
	Priya Sharma	2023/979	B.A (Hons) Political Science		
	Pratiksha Yadav	2023/951	B.A (Hons) Political Science		
4	Udita Sharma	2023/1689	B.A (Hons) History	Blockchain Technology	Dr. Nitish
	Nishi	2023/1677	B.A (Hons) History		
	Vaishnavi patel	2023/1450	B.A (Hons) History		
	Shivani Bairwa	2023/1193	B.A (Hons) History		
5	Shagun Nehlia	2023/1163	B.A (Hons) English	Ethics in Digital Communications	Dr. Nitish
	Avni	2023/240	B.A (Hons) Geography		
	Umangika	2023/1429	B.A (Hons) Geography		
	Rishika	2023/1052	B.A (Hons) Geography		



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	Nisha Kumari	2023/852	B.A (Hons) Geography		
6	Bhawna Meena	2023/277	B.A (Hons) Geography	Public Utility Portals	Dr. Nitish
	Gargi Sharma	2023/398	B.A (Hons) Geography		
	Madhu Sharma	2023/677	B.A (Hons) Geography		
	VIDUSHI SONA	2023/1685	B.A (Hons) Political Science		
7	Saniya Charan	2023/1135	B.A (Hons) Hindi	Electronic Communication: Email, Blogs & Social Media	Dr. Nitish
	Raman Choudhary	2023/1018	B.A (Hons) History		
	Tanisha Choudhary	2023/1380	B.A (Hons) History		
	Aishwarya Singh Swarnakar	2023/59	B.A (Hons) History		
	Kalpana Yadav	2023/529	B.A (Hons) History		
8	Shruti Singh	2023/1231	B.A (Hons) History	Ethics in cyberspace	Dr. Nitish
	Khyati Snata Kashyap	2023/608	B.A (Hons) Philosophy		
	Aakriti	2023/12	B.A (Hons) Philosophy		



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	Sunidhi Gurjar	2023/1346	B.A (Hons) Political Science		
	Tanushree Gupta		CIC		
9	Ankita Garg	2023/141	B.A (Hons) Geography	Tools and platforms for online learning	Dr. Nitish
	Jannat	2023/493	B.A (Hons) Geography		
	Mahak Gund	2023/681	B.A (Hons) Geography		
	Bhavyaa Jain	2023/274	B.A (Hons) Geography		
10	Varisha Sharma	2023/1467	B.A (Hons) Political Science	Social media platforms as collaborative spaces	Dr. Nitish
	Yashika Singh	2023/1505	B.A (Hons) Political Science		
	Gyamar Tanya	2023/429	B.A (Hons) Political Science		
	Hardika godara	2023/434	B.A (Hons) Political Science		
	Navyasha Sarania	2023/806	B.A (Hons) Political Science		
11	Rakhi sahu	2023/1015	B.A (Hons) Philosophy	Ethical issues in digital world	Dr. Nitish
	Katayani Sharma	2023/560	B.A (Hons) Philosophy		
	Jahanvi Nautiyal	2023/486	B.A (Hons) Philosophy		



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	Sneha Sharma	2023/1277	B.A (Hons) Philosophy		
12	Ritika Kajla	2023/1060	B.A (Hons) Geography	Threats in digital World-data breaches and Cyber-attacks	Dr. Nitish
	Shreya Singh	2023/1219	B.A (Hons) Hindi		
	Ishita singh	2023/481	B.A (Hons) Political Science		
	Urvashi Malik	2023/1680	B.A (Hons) Political Science		
13	Khushi Yadav	2023/604	B.A (Hons) Political Science	Electronic Communication	Dr. Nitish
14	Unnati Verma	2023/1435	B.A (Hons) Geography	Online security and privacy	Dr. Nitish



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Programme: UGCF 2022, Value Addition Course (VAC)

Semester III

VAC paper: Digital Empowerment

Paper Code: 6967001004

Faculty (Project Mentor): Dr. Divakar Pathak and Dr. Vineeta

Grp No.	Student Name	College Roll No.	Course and Year	Project Title	Faculty Mentor
1	Falguni Jat	2023/390	BA (Geography + Political Science) 2nd Year	RTI and ITR	Dr. Vineeta, Dr. Divakar Pathak
	Nandani Yadav	2023/793	BA (Hindi + Political Science) 2nd Year		
	Ananya Pandey	2023/93	BAP (Economics + Geography)		
	Naavya Sinha	2023/781	BA Multidisciplinary 2nd Year		
2	Ayushi Yadav	2023/259	BAM 2nd Year	Social Media and Digital Empowerment	Dr. Vineeta, Dr. Divakar Pathak
	Ayushi Chauhan	2023/250	BAW 2nd Year		
	Kasturi Raghunansh	2023/559	BA Multidisciplinary 2nd Year		
3	Sufia Sarmad	2023/132	BAP (English + Philosophy)	Extent of Digital Literacy in Rural Women	Dr. Vineeta, Dr. Divakar Pathak
	Anushka Anand	2023/170	BAP (Political Science + History)		
	Saloni Sharma	2023/111	BAP (Political Science + Economics) 2nd Year		



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	Zainab Nazki	2023/151	BAP (History + Sociology)		
4	Apoorva Ahirwar	2023/192	BAP (History + Sociology) 2nd Year	e-Hospitals (Ayushman Bharat)	Dr. Vineeta, Dr. Divakar Pathak
	Deepika Sharma	2023/322	BAP (Political Science + English) 2nd Year		
	Parineet Ramteke	2023/894	BAP (History + Political Science) 2nd Year		
	Laxmi	2023/661			
5	Bhawana	2023/275	BAP (Political Science + Geography) 2nd Year	Survey on 'Bharat's Bottlenecks'	Dr. Vineeta, Dr. Divakar Pathak
	Ishita Patidar	2023/479	BA (English + History) 2nd Year		
	Praniti Jain	2023/940	BAP (Political Science + English) 2nd Year		
	Eera	2023/166	BPE (History + Political Science) 2nd Year		
6	Palak	2023/877	BA (History + Philosophy) 2nd Year	Navigating Cyber Risks: Frauds, Cookies, Apps, and Netiquettes	Dr. Vineeta, Dr. Divakar Pathak
	Khyati Pandey	2023/607	BA Multidisciplinary 2nd Year		
	Gunn	2023/422	BA Multidisciplinary 2nd Year		
	Pari Kumawat	2023/893	BA Multidisciplinary 2nd Year		
7	Priyanka Rawat	2023/999	BA Programme (History + Political Science) 2nd Year	e-Kranti (e-justice)	Dr. Vineeta, Dr. Divakar Pathak



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	Ramneek Kaur	2023/102	BA Programme (History + Punjabi) 2nd Year		
	Muskan Sharma	2023/1705	BA Programme (Geography + Sanskrit) 2nd Year		
8	Swarnima Mani Tiwari	2023/1359	BA Multidisciplinary (Psychology + Allied Science)	e-Commerce	Dr. Vineeta, Dr. Divakar Pathak
	Aarohi Agrawal	2023/20	BAP (Economics + Geography)		
	Nikita Gupta	2023/837	BAP (Commerce + Public Administration)		
9	Charumathy R	2023/296	BA Multidisciplinary (Political Science + Tamil)	Blockchain Technology	Dr. Vineeta, Dr. Divakar Pathak
	Chilukuri Naga Pravallika	2023/301	BA Multidisciplinary (Geography + History)		
	Patnam Sumedha	2023/900	BA Multidisciplinary (Geography + History)		
	Machcha Yohitharam	2023/675	BAP (History + Philosophy)		
10	Pragati Singh	2023/930	BAP (History + Philosophy) 2nd Year	e-Pathshala	Dr. Vineeta, Dr. Divakar Pathak
	Shreya	2023/120	BAP (English + History) 2nd Year		
	Sunidhi Rani	2023/1347	BAP (History + Political Science) 2nd Year		
	Yashasvi	2023/150	BAP (History +		



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	Singh	0	Philosophy) 2nd Year		
11	Ayushi Pal	2023/252	BAP (History + Physical Education) 2nd Year	Digital Literacy	Dr. Vineeta, Dr. Divakar Pathak
	Khushi Goel	2023/587	BAP (History + Physical Education) 2nd Year		
	Gunjan Singh	2023/421	BAP (History + Physical Education) 2nd Year		
	Jaya	2023/501	BAP (History + Physical Education) 2nd Year		
12	Sanskriti Rautela	2023/1145	BAP (History + Economics) 2nd Year	Assessing Digital Empowerment Against Scams and Hacking	Dr. Vineeta, Dr. Divakar Pathak
	Jahnvi Meena	2023/487	BAP (History + Economics) 2nd Year		
	Tanushree Midha	2023/1399	BAP (History + Punjabi) 2nd Year		
	Kim Sharma	2023/610	BAP (History + Economics) 2nd Year		
13	Vanya Sinha	2023/1465	BA (English + Psychology) 2nd Year	Digital Empowerment through Artificial Intelligence	Dr. Vineeta, Dr. Divakar Pathak
	Priyanka Yadav	2023/1541	BA (English + History) 2nd Year		
	Yashmita	2023/1506			
14	Neha Yadav	2023/822	BAP (History + Political Science) 2nd Year	UPI Awareness – Revolutionizing Digital Payments	Dr. Vineeta, Dr. Divakar Pathak



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	Shallu Devi	2023/153 5	BAP (History + Political Science) 2nd Year		
	Tanu Choudhary	2023/139 5	BAP (History + Political Science) 2nd Year		
	Payal	2023/908	BAP (History + Political Science) 2nd Year		
15	Dikshita	2023/166	BA Multidisciplinary	Bharat's Bottlenecks - Digital Empowerment	Dr. Vineeta, Dr. Divakar Pathak

Teacher-in-charge
Department of Physics
Miranda House
University of Delhi
DELHI-110007



Miranda House University of Delhi

Programme: UGCF 2022, Value Addition Course (VAC)

Semester IV

VAC paper: Digital Empowerment

Paper Code: 6967001004

Faculty (Project Mentor): Dr. Soumya Prakash Dhal

Group No.	Name of Student	Roll No.	Project Title	Mentor
1	Devanshi	2023/328	E-Banking	Dr. Soumya Prakash Dhal
	Neha Urma	2023/821		
	Shambhavi Singh	2023/1173		
	Lakshita Chauhan	2023/653		
2	Anisha Das	2023/108	Ethics in cyberspace	Dr. Soumya Prakash Dhal
	Anisha Kumawat	2023/110		
	Nandini Singh Jadaun	2023/798		
	Suhani Charan	2023/1333		
3	Sanjana Caroline Tirkey	2023/1141	Netiquette - its perceptions and significance in the fast growing world of Internet	Dr. Soumya Prakash Dhal
	Prena Pandey	2023/1579		
	Tundup Dolma	2023/1754		
	Sania Baruah	2023/1130		
4	Ananya Verma	2023/99	Digitalization of Manuscripts	Dr. Soumya Prakash Dhal
	Shakshi Rai	2023/1167		
	Sneha Bharti	2023/1268		
	Soumya	2023/1303		
5	KHUSHI	2023/579	Online Learning	Dr. Soumya Prakash Dhal



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	MUSKAN PRASAD	2023/775		
	MIGAM ANGU	2023/738		
	ANVIKSHA THAKUR	2023/1611		
6	Nandini Sharma	2023/1753	UPI : Usages and Perception	Dr. Soumya Prakash Dhal
	Tsewang Chosdon	2023/1772		
7	kumkum	2023/647	RAMAYAN IN THE DIGITAL AGE : benifits and impacts	Dr. Soumya Prakash Dhal
	shruti mahajan	2023/1618		
8	Ishita soni	2023/482	TOOLS/PLATFO RMS FOR ONLINE LEARNING	Dr. Soumya Prakash Dhal
	Isha kumawat	2023/466,		
	Khushboo	2023/574,		
	Preeti yadav	2023/961		
	Simran	2023/1255		
9	Juhi	2023/512	E-Governance and Digital Democracy	Dr. Soumya Prakash Dhal
	Khushi Kannaujiya	2023/590		
	Mansi Verma	2023/716		
	Priya Singh	2023/980		
10	SANIYA SHEKH	2023/1139	The era of digital misinformation and fake news	Dr. Soumya Prakash Dhal
	KHUSHI BHATT	2023/585		
	ANSHIKA BANTWAN	2023/151		
	BHARGAVI	2023/268		



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	MAHTO			
11	Shikha	2023/1184	INTERNET USAGE ACROSS DIFFERENT SECTORS	Dr. Soumya Prakash Dhal
	Anshul Kamboj			
	Shambhavi Singh			
	Ekta Goyat			
12	RHEA ARORA	2023/1040	The Role of Artificial Intelligence (AI) in the Education Sector	Dr. Soumya Prakash Dhal
	SHUBHANI KANT	2023/1238		
	ANSHITA SINGH	2023/158		
	SNEHA DAS	2023/1269		
	SUVASHINI CHAKMA	2023/1521		
13	Shreya	2023/1206	Bringing History Closer: Do Virtual Museums and Digital Archives. Make the Past More Accessible?	Dr. Soumya Prakash Dhal
	Eukti	2023/389		
	Huda	2023/456		
14	Tamanna	2023/1373	PRESENTATION ON SURVEY ON DIGITAL VS PRINT LEARNING	Dr. Soumya Prakash Dhal
	Kiran	2023/613		
	Shreyamishra	2023/1211		
	Deepika Tiwari	2023/323		



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Programme: UGCF 2022, Value Addition Course (VAC)

Semester IV

VAC paper: Digital Empowerment

Paper Code: 6967001004

Faculty (Project Mentor): Dr. Divakar Parhak & Dr. Nisha Rani

Grp No.	Student Name	College Roll No.	Course and Year	Project Title	Faculty Mentor			
1	Vaishali Goel	2023/1446	B.Sc. (Honours) Chemistry	Cybercrime and Cyber Safety	Dr. Divakar Pathak, and Dr. Nisha Rani			
	Aastha Yadav	2023/33	B.Sc. (Honours) Chemistry					
	Debashree Bora	2023/1630	B.Sc. (Honours) Chemistry					
2	Ayushi Singh	2023/256	B.Sc. (Honours) Mathematics	e-Pathshala Survey		Dr. Divakar Pathak, and Dr. Nisha Rani		
	Anjali	2023/115	B.Sc. (Honours) Mathematics					
	Monika	2023/757	B.Sc. (Honours) Mathematics					
3	Prisha	2023/966	B.Sc. (Honours) Physics	Survey on Right to Information Act			Dr. Divakar Pathak, and Dr. Nisha Rani	
	Nandini	2023/797	B.Sc. (Honours) Physics					
	Pratigya	2023/947	B.Sc. (Honours) Physics					
	Soumya	2023/1697	B.Sc. (Honours) Physics					
4	Shefali	2023/1182	B.Sc. (Honours) Mathematics	Cyberbullying and Online Harassment				Dr. Divakar Pathak, and Dr. Nisha Rani
	Mahak	2023/679	B.Sc. (Honours) Mathematics					



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	Pratiksha	2023/949	B.Sc. (Honours) Mathematics		
6	Vanshika Dogra	2023/1456	B.Sc. (Honours) Physics	Online Payment Platforms	
	Tanisha	2023/1378	B.Sc. (Honours) Physics		
	Srijita Sana	2023/1309	B.Sc. (Honours) Physics		
7	Ayushi Yadav	2023/258	B.Sc. (Honours) Mathematics	Cyber Security	
	Kajal Verma	2023/526	B.Sc. (Honours) Mathematics		
	Anshita Pratap	2023/1748	B.Sc. (Honours) Mathematics		
	Apeksha Maloo	2023/1592	B.Sc. (Honours) Mathematics		
8	Nancy	2023/790	B.Sc. (Honours) Chemistry	DigiLocker in Action: Awareness, Adoption, and Challenges among Indian Users	
	Khushboo Yadav	2023/575	B.Sc. (Honours) Physics		
	Monika Meena	2023/760	B.Sc. (Honours) Physics		
9	Ankita Patwa	2023/144	B.Sc. (Honours) Mathematics	The Usage of Video Conferencing Platforms	
	Aditi Bansal	2023/43	B.Sc. (Honours) Mathematics		
	Ayonija Mishra	2023/245	B.Sc. (Honours) Mathematics		
10	Megha	2023/729	B.Sc. (Honours) Chemistry	e-Kranti	
	Sristi Singh	2023/1316	B.Sc. (Honours) Chemistry		



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	Khushi Singh	2023/1632	B.Sc. (Honours) Chemistry		
11	Tanisha Singh	2023/1382	B.Sc. (Honours) Mathematics	Navigating the Digital World as a Woman	
	Rakhi Singh	2023/1016	B.Sc. (Honours) Mathematics		
	Sakshi	2023/1104	B.Sc. (Honours) Mathematics		
12	Bhawna	2023/276	B.Sc. (Honours) Chemistry	Digital Financial Literacy	
	Akansha Singh	2023/67	B.Sc. (Honours) Chemistry		
	Palak Teotia	2023/1725	B.Sc. (Honours) Chemistry		
	Vaibhavi Chauhan	2023/1442	B.Sc. (Honours) Chemistry		
13	Nishi Pal	2023/1623	B.Sc. (Honours) Mathematics	Influence of Digital Entertainment on Productivity	
	Kanchan Yadav	2023/536	B.Sc. (Honours) Mathematics		
	Payal	2023/903	B.Sc. (Honours) Mathematics		
	Ojaswani	2023/1664	B.Sc. (Honours) Mathematics		
14	Simran Joshi	2023/1736	B.Sc. (Honours) Mathematics	Cyber Threats	
	Shreta Singh	2023/1205	B.Sc. (Honours) Mathematics		
	Swechcha Saxena	12023/1362	B.Sc. (Honours) Mathematics		



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15	Astha Singh	2023/232	B.Sc. (Honours) Chemistry	Digital Accessibility for Women
	Devyani Singh	2023/332	B.Sc. (Honours) Chemistry	
	Lishnaili Lily	2023/667	B.Sc. (Honours) Chemistry	
	Isha	2023/464	B.Sc. (Honours) Chemistry	
16	Ayushi Agrawal	2023/248	B.Sc. (Honours) Chemistry	Netiquettes
	Vaani Danda	2023/1440	B.Sc. (Honours) Chemistry	
	Kanak Acharya	2023/1603	B.Sc. (Honours) Chemistry	
17	Arunima Singh	2023/208	B.Sc. (Honours) Chemistry	Utility of Health Portals
	Jagriti	2023/483	B.Sc. (Honours) Chemistry	
	Anjali	2023/117	B.Sc. (Honours) Chemistry	
18	Minaxi Choudhary	2023/743	B.Sc. (Honours) Chemistry	Impact of smartphone addiction on mental health - A comparison between teenagers and adults.
	Anjali	2023/116	B.Sc. (Honours) Mathematics	
	Kiran Singh	2023/614	B.Sc. (Honours) Mathematics	
	Aastha Supriya Toppo	2023/1616	B.Sc. (Honours) Mathematics	
19	Avi Yadav	2023/1707	B.Sc. Life Sciences	e-Waste Management



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	Bipasha	2023/287	B.A. Program		
	Methra Gayathri	2023/737	B.A. Program		
	Ritu(2023/10 67)	2023/1067	B.A. Program		



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Part A.1.1

Papers offering experiential learning in experimental Mode.

UGCF 2022				2024-25, Sem-I, III, V	
	22567	B.Sc. (Hons) Physics	2222011101	DSC-1: Mathematical Physics I	Total Number of students: 82
			2222011102	DSC-2: Mechanics	
			2222011103	DSC-3: Waves and Oscillations	
	22582	B.Sc. Physical Sciences with Computer Science	2222511101	CC: Mechanics	Total Number of students: 44
	22567	B.Sc. (Hons) Physics	2222012301	DSC-7: Mathematical Physics III	Total Number of students: 83
			2222012302	DSC-8: Thermal Physics	
			2222012303	DSC-9: Light & Matter	
	22582	B.Sc. Physical Sciences with Computer Science	2222512301	DSE-1: Heat & Thermodynamics	Total Number of students: 44
	22567	B.Sc. (Hons) Physics	2223012001	DSE-2: Numerical Analysis	Total Number of students: 55



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			2222013501	DSC-13: Electromagnetic Theory	Total number of Students: 82
			2222013502	DSC-14: Quantum Mechanics-I	
			2222013503	DSC-15: Digital Electronics	
			2223010014	DSE II: Physics of Materials	
	22582	B.Sc. Physical Sciences with Computer Science	2222513501	CC: Elements of Modern Physics	Total Number of students: 44
	Multidisciplinary	SEC	2356000002	SEC: Mathematical Modelling with Excel	Total Number of students: 41
UGCF 2022				2024-25, Sem-II, IV, VI	
	22567	B.Sc. (Hons) Physics	2222011201	DSC-4: Mathematical Physics II	Total Number of students: 82
			2222011202	DSC-5: Electricity & Magnetism	
			2222011203	DSC-6: Electrical Circuit Analysis	
	22582	B.Sc. Physical Sciences with Computer Science	2222511201	CC: Electricity & Magnetism	Total Number of students: 44



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	Multidisciplinary	UGCF: SEC	2346000011	SEC: Programming Using Python	
	22567	B.Sc. (Hons) Physics	2222012401	DSC-10: Modern Physics	Total Number of students: 83
			2222012402	DSC-11: Solid State Physics	
			2222012403	DSC-12: Analog Electronics	
			2223012004	DSE: Physics of Devices	
	22582	B.Sc. Physical Sciences with Computer Science	2222512401	CC: Waves & Optics	Total Number of students: 44
	22567	B.Sc. (Hons) Physics	2222013603	DSC-18: Statistical Analysis in Physics	Total number of Students: 82
			2223010022	DSE-2: Microprocessor	Total No. of students: 16
	582	B.Sc. Physical Sciences with Computer Science	2222513601	CC: Solid State Physics	Total Number of students: 44
		SEC	2356000002	SEC: Mathematical Modelling with Excel	Total number of Students: 37



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Part A.2

Students undertaking project work/field work/internship (beyond the requirement of coursework)

Part A.2.1

Following students of B.Sc. (Hons) Physics and B.Sc. Physical Sciences with Computers participated in the 6-week long DSKC Summer Workshop 2024, held from 10th June to 22nd July 2024 and successfully completed their projects.

<https://mirandahouse.ac.in/uploads/dskc/summerworkshop/DSKC2024.pdf>

S. No.	Name of the Student	Course Name	Semester	Project Title	Supervised by
1	Khushboo Gangawar	B.Sc.(hons) Physics	IV	Acoustic Levitation	Dr. Mallika verma, Prof. Monika Tomar, Dr. Bilasini Devi Naorem, Dr. Vineeta
2	Nancy Kumari	B.Sc.(hons) Physics	IV		
3	Chhaya Gautum	B.Sc.(hons) Physics	IV		
4	Kangleikhonbi Maibam	B.Sc.(hons) Physics	IV	Al : ZnO thin films for Thermoelectric Energy Harvesting Applications	Dr. Anjali Sharma, Ms. Jaishree Chaudhary, Prof. Monika Tomar, Dr. Mallika Verma
5	Priya Burdak	B.Sc.(hons) Physics	IV		



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6	Bhumika	B.Sc.(hons) Physics	II	Analysing Baryonic Acoustic Oscillations with MCNC : Insights from DESI data on tracers	Dr. Abha Dev Habib, Dr. Nisha Rani
	Km Vandana Sharma	B.Sc.(hons) Physics	II		
8	Saumya Pal	B.Sc.(hons) Physics	III	Automatic Room air monitoring and Purification system	Dr. Mallika Verma, Prof. Monika Tomar, Dr. Bilasini Devi Naorem, Dr. Vineeta
9	Garima	B.Sc.(hons) Physics	III	Automation of Gas Sensors	Dr. Mallika Verma, Prof. Monika Tomar, Dr. Bilasini Devi Naorem, Dr. Vineeta
10	Ankita Patwar	B.Sc.(hons) Physics	III		
11	Jasmin Kaur	B.Sc.(hons) Physics	III		
12	Ayushi Gupta	B.Sc.(hons) Physics	III		
13	Palak	B.Sc.(hons) Physics	III	Automation of Lab Experiments	Dr. Mallika Verma, Prof. Monika Tomar, Dr. Bilasini Devi Naorem, Dr. Vineeta
14	Palak Tak	B.Sc.(hons) Physics	III		
15	Divya Dhaka	B.Sc.(hons) Physics	III		
16	Prachi	B.Sc.(hons) Physics	II	Characterisation of nano Particles using Image Processing	Dr. Sonam Singh, Dr. Nirmala Saini



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17	Rupanshi Pal	B.Sc. (hons) Physics	II		
18	Pratigya	B.Sc. (hons) Physics	III	Comparing Muon Flux at Different Latitudes	Ms. Zarina Banoo, Dr. Nitish, Dr. Nisha Rani
19	Grace Lamneihat Kipgen	B.Sc. (hons) Physics	IV	Constraining cosmological parameters using quasars as standard candles	Dr. Abha Dev Habib, Dr. Nisha Rani
20	Namrata Kumari	B.Sc. (hons) Physics	IV		
21	Rigzen Lanzes	B.Sc. (hons) Physics	IV		
22	Sumaya Rahman	B.Sc. (hons) Physics	IV		
23	Sapna Singla	B.Sc. (hons) Physics	III	Deepfake video detection using image processing	Dr. Nirmala Saini, Dr. Sonam Singh, Dr. Tarun Kumar Gupta
24	Priyanka	B.Sc. (hons) Physics	III		
25	Muskan	B.Sc. (hons) Physics	VI	Dependence of temperature on cosmic muon flux	Ms. Zarina Banoo, Dr. Nitish, Dr. Nisha Rani
26	Leena	B.Sc. (hons) Physics	VI		
27	Priyamvada	B.Sc. (hons) Physics	VI		



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28	Tinu Choudhary	B.Sc.(hons) Physics	IV	Dielectric properties of PZT and KNN thin films with variation in temperature and frequency	Dr. Reema Gupta, Ms. Babita Sharma, Prof. Monika Tomar, Dr. Mallika Verma
29	Kirpa Swarnkar	B.Sc.(hons) Physics	VI	Effect of NiFeO ₃ on the ferroelectric properties of KNN-PVDF polymer sheets	Dr. Reema Gupta, Ms. Babita Sharma, Prof. Monika Tomar, Dr. Mallika Verma
30	Namashya Gogoi	B.Sc.(hons) Physics	Graduate	Extra tidal region Galactic Globular Cluster (NGC 6093)	Dr. Richa Kundu
31	Prakriti Pandey	B.Sc.(hons) Physics	V		
32	Udesna Borgohain	B.Sc.(hons) Physics	V	Extra tidal region of galactic globular cluster NGC 4833	Dr. Richa Kundu
33	Sudiksha Badhani	B.Sc.(hons) Physics	V		
34	Shruti Kaira	B.Sc.(hons) Physics	V		
35	Riya Yadav	B.Sc.(hons) Physics	V		
36	Kajal	B.Sc.(hons) Physics	IV	Galactic shadows: The dark to the luminous matter ratio in galaxies	Dr. Abha Dev Habib, Dr. Nisha Rani
37	Nilanjana Bagchi Aурpa	B.Sc.(hons) Physics	IV		



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38	Tanya	B.Sc.(hons) Physics	IV		
39	Tejaswita	B.Sc.(hons) Physics	V	Green synthesized Molybdenum Oxide based biosensor for Bilirubin detection	Dr. Neha Batra Bali, Dr. Bilasini Naorem, Mr. Jatinder Pal Singh, Prof. Monika Tomar
40	Lipi Singh	B.Sc.(hons) Physics	V		
41	Mehak Rani	B.Sc.(hons) Physics	IV	Green synthesis of Ni:SnO ₂ nanoparticles for gas sensing applications	Prof. Arijit Choudhary, Mr. Jatinder P. Singh, Dr. Anjali Sharma, Prof. Monika Tomar, Dr. Mallika Verma
42	Aastha Sharma	B.Sc.(hons) Physics	IV		
43	Payal	B.Sc.(hons) Physics	IV		
44	Siya	B.Sc.(hons) Physics	VI	Magnetospheric field variation effect on Muon flux	Ms. Zarina Banoo, Dr. Nisha Rani, Dr. Nitish
45	Neha VK	B.Sc.(hons) Physics	VI		
46	Anjali P	B.Sc.(hons) Physics	Graduate	Measurement of Muon lifetime	Ms. Zarina Banoo, Dr. Nisha Rani, Dr. Nitish
47	Fathima	B.Sc.(hons) Physics	Graduate		
48	Afreena A K	B.Sc.(hons) Physics	Graduate		



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49	Shreya Garg	B.Sc.(hons) Physics	II	Measuring 'g' using simple and Bar pendulum using image processing techniques	Dr. Sonam Singh, Dr. Nirmala Saini
50	Dadipiya	B.Sc.(hons) Physics	II		
51	Aarju	B.Sc.(hons) Physics	II		
52	Anika	B.Sc.(hons) Physics	II		
53	Komal Bhatt	B.Sc.(hons) Physics	III		
54	Khushi	B.Sc.(hons) Physics	II	Optical Image Encryption	Dr. Nirmala Saini, Dr. Sonam Singh
55	Geetanjali	B.Sc.(hons) Physics	II		
56	Kanak	B.Sc.(hons) Physics	II		
57	Shikha Rana	B.Sc.(hons) Physics	II		
58	Amanjot Kaur	B.Sc.(hons) Physics	VI	Performance study of CRMD (Cosmic Ray Muon Detector) Detector	Ms. Zarina Banoo, Dr. Nisha Rani, Dr. Nitish
59	Akanksha Patel	B.Sc.(hons) Physics	VI		
60	Anjana Kori	B.Sc.(hons) Physics	VI		
61	Ayushi	B.Sc.(hons) Physics	VI		
62	Shruti Prashad	B.Sc.(hons) Physics	V	Photometric and Kinematic studies of young star cluster: Melotte 111	Dr. Richa Kundu, Dr. Neelam Panwar



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63	Anjali	B.Sc. (hons) Physics	II	Smart Attendance System	Dr. Sonam Singh, Dr. Nirmala Saini
64	Muskan	B.Sc. (hons) Physics	II		
65	Jayati Rajput	B.Sc. (hons) Physics	II		
66	Neha	B.Sc. (hons) Physics	V	Stellar Variability	Dr. Richa Kundu
67	Nikita	B.Sc. (hons) Physics	V		
68	Khushi	B.Sc. (hons) Physics	V		



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Part A.2.2

Summer workshops/ projects completed successfully by students at other Institutions

Aiswarya S Shekhar

B.Sc.(Hons) Physics, 2022/58

Agency/Institute: Mechanica, IIT Madras; Edutechlife (Training and Internship Program)

Project Title/Details : **Quantum-Classical Secure Communication: BB84 QKD and Text-based Steganography**

Period: June, 2025 (one Month)



+919599019927
infoedutechlife@gmail.com
www.edutechlife.com
New Delhi-110092

TRAINING & INTERNSHIP PROGRAM

IN ASSOCIATION WITH
MECHANICA, IIT MADRAS
WITH EDUTECHLIFE

30/JULY/2025

TO WHOM IT MAY CONCERN

This is to certify that **AISWARYA S SEKHAR**, a Student of **MIRANDA HOUSE**, has completed The Training and Internship Program with **EDUTECHLIFE**. in the **MONTH JUNE 2025**. As part of the training and internship program, the candidate was required to complete a project demonstrating the key elements of the training.

So, with this letter, we acknowledge that the student completed a project on the topic "**Quantum-Classical Secure Communication: BB84 QKD and Text-based Steganography**" as part of the internship, and the project exhibited the core elements of the training.

The project met the required standards and addressed all the key aspects outlined for the project. During the internship, the candidate demonstrated diligence and successfully handled and completed tasks with excellent outcomes.

We wish the candidate all the best for the future!



Anuradha Thakur
Technical Head
Edutech Life





**Miranda House
University of Delhi**

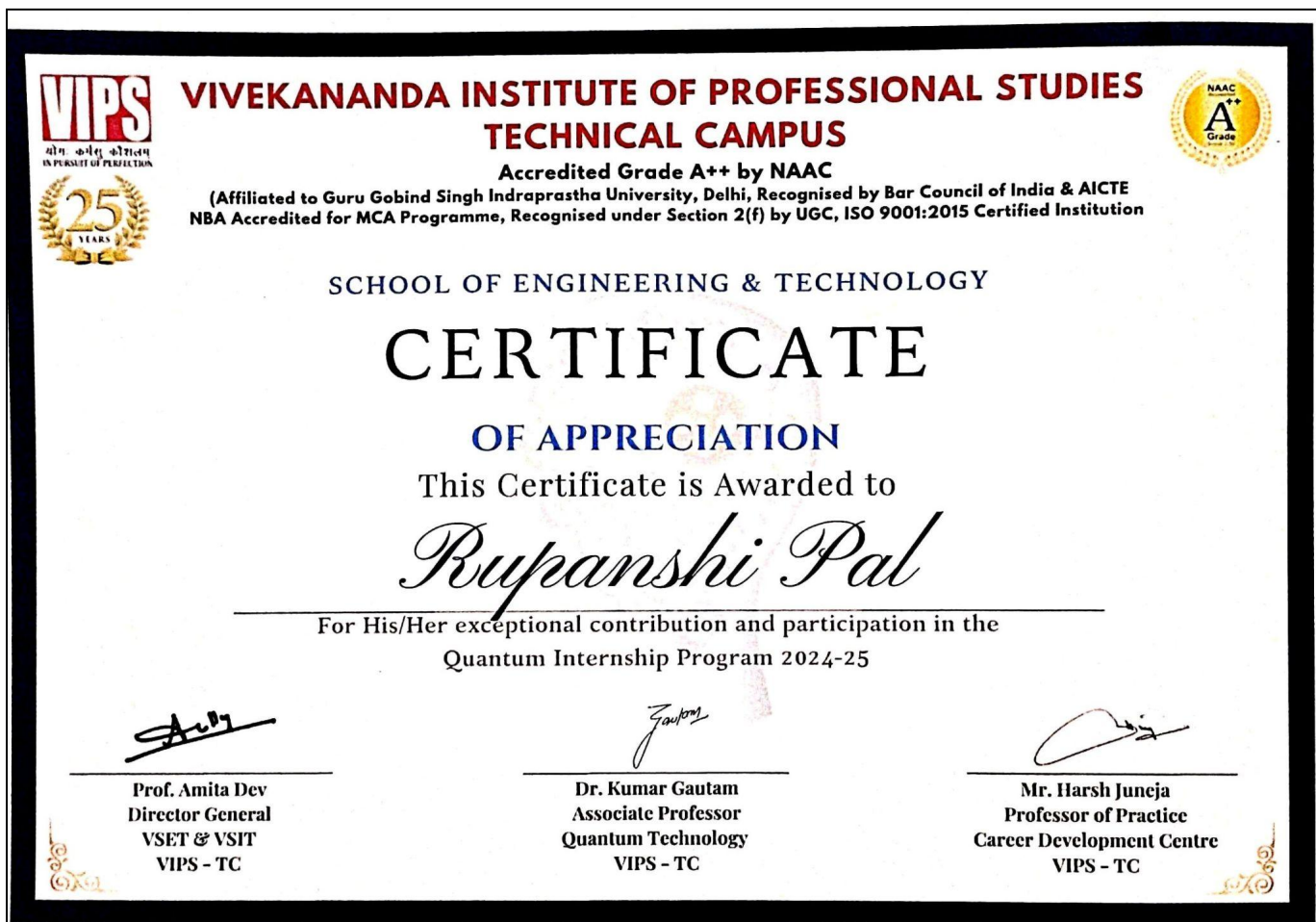
Rupanshi Pal

B.Sc.(Hons) Physics , 2022/1570

Agency: Vivekananda Institute of
Professional Studies Technical Campus
(Quantum Computing)

Project Title/Details: Learned about basic Quantum Computing and did a project on
transportation problems.

Duration: December, 2024-January, 2025





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Mehak Rani

B.Sc.(Hons) Physics (Graduated),
2022/640

Project Details/Title: Currently working on the fabrication of a hydrogen gas sensor device using an UNO-based microcontroller platform. The project involves designing both the hardware circuitry and coding for sensor calibration, signal processing, and data acquisition. The aim is to develop a low-cost, efficient, and portable sensing system capable of detecting hydrogen gas with high sensitivity and reliability. Through this project, I am gaining practical experience in embedded systems, sensor interfacing, and real-time data analysis, along with a deeper understanding of electronic instrumentation and gas sensing mechanisms.

(Any Other Project outside College)



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Summer workshops/Internships completed successfully by students at other Institutions

Palak

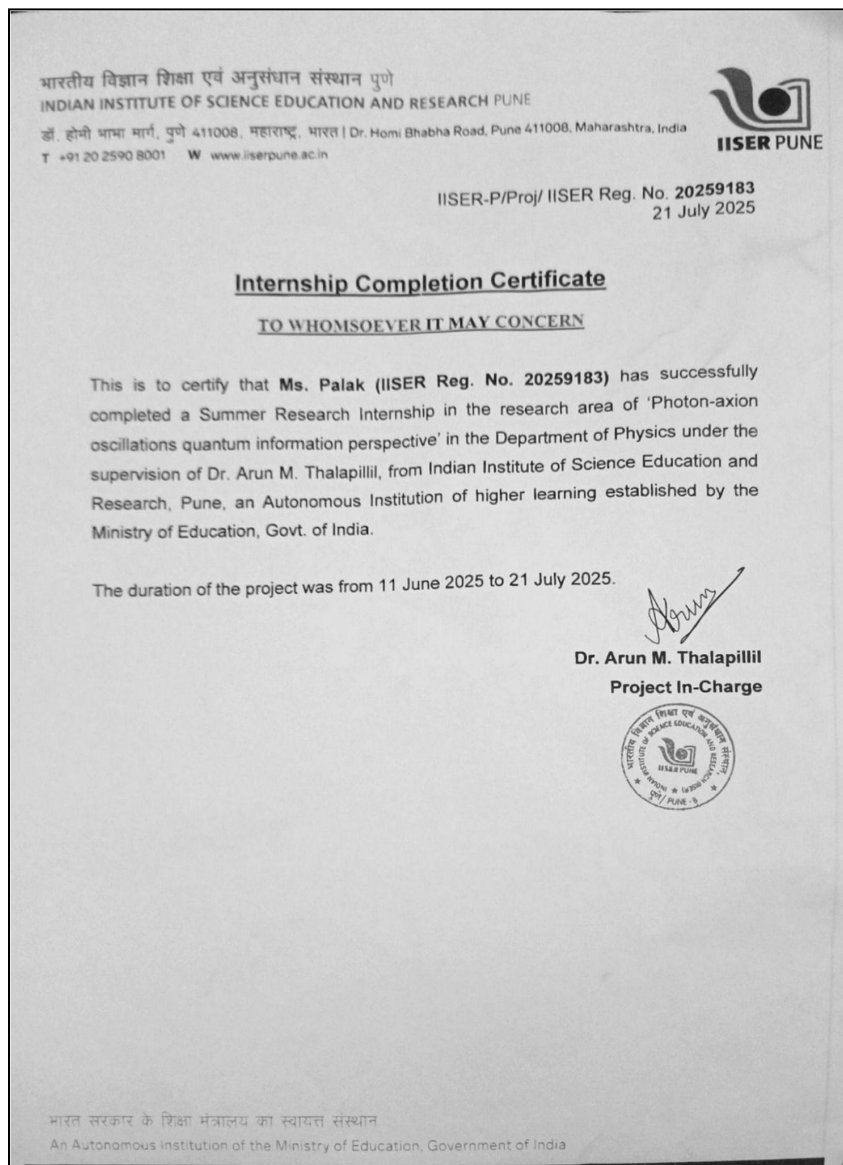
B.Sc.(Hons) Physics, 2023/876

Agency/Institute: Indian Institute of Science Education and Research IISER, Pune

Stipend received: Rs. 20,000

Project Details: Worked on a research based project in Theoretical High Energy Physics where we studied entanglement in Photon-Axion Oscillations. Still working on the project remotely and the paper will be published in a journal soon.

Duration/Period: June-July, 2025



Priya Burdak



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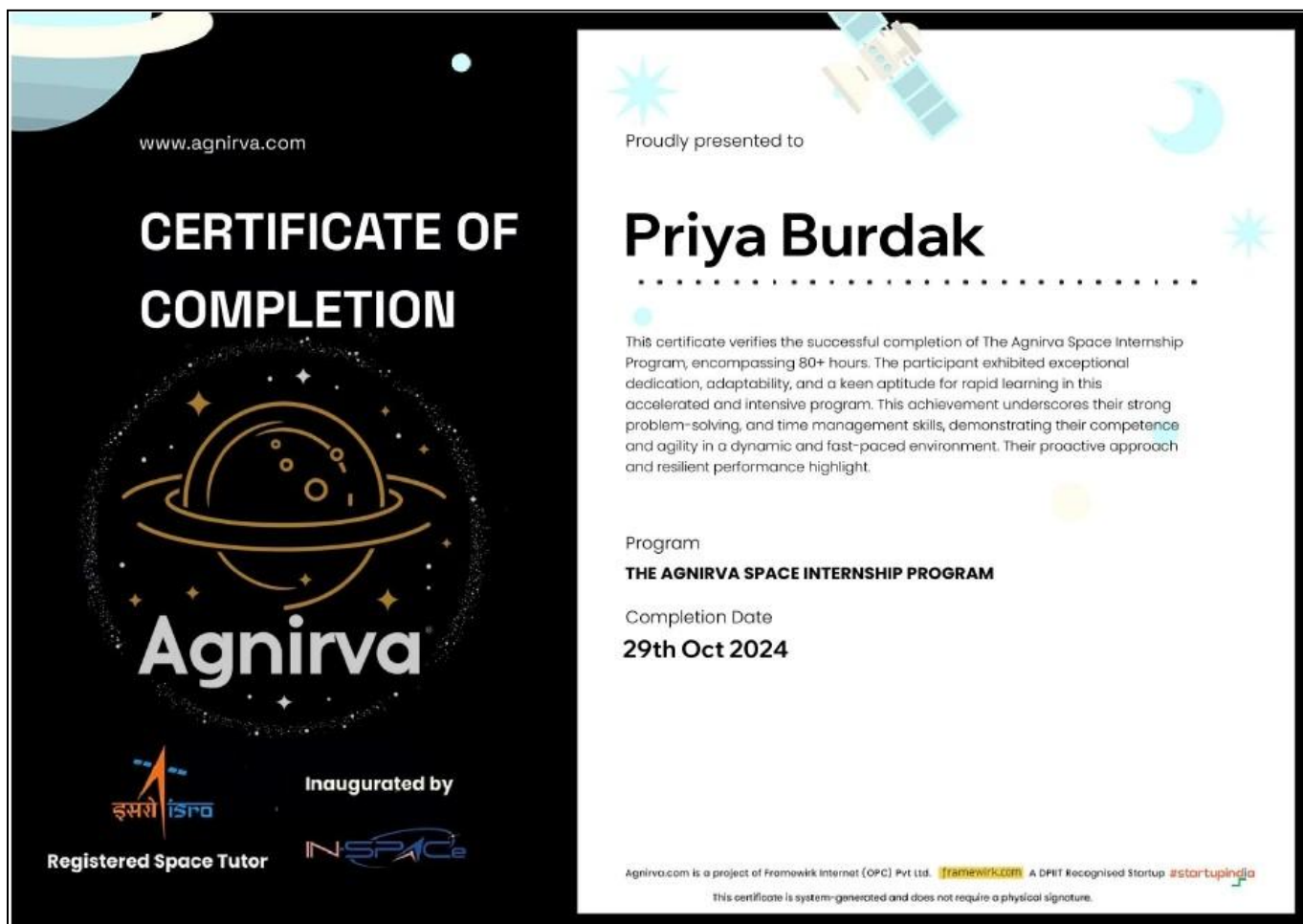
B.Sc.(Hons) Physics, 2022/851

Agency/Institute: The Agnirva Space Internship Program, ISRO

Project Details: Strong problem solving and time management skills

Duration/Period: September-October, 2024

Stipend: None



Suhani Kumari



Miranda House University of Delhi

B.Sc.(Hons) Physics, 2024/1679

Agency/Organisation: The Sankalp Organisation

Internship Details: Internship was related to providing social service by teaching students from slum areas

Stipend: None

Duration: More than Six months (Starting September, 2024)

Kumkum sharma



Miranda House University of Delhi

B.Sc.(Hons) Physics, 2024/1653

Mode: Online

Agency/Institute: University of Hawaii,
University of Berkeley, ZS, ASIAA

Duration: July-August, 2025

Internship details: Through the Intro2Astro internship, I learned the basics of astronomical data analysis and gained exposure to real research practices in astrophysics. I developed skills in handling datasets such as TESS observations, using tools like Python and Anaconda for analysis, and understanding concepts related to exoplanet detection and light curve studies. This experience also improved my scientific thinking, problem-solving abilities, and confidence in working with research-level data.

Gargi Tripathi



CERTIFICATE OF PARTICIPATION
INTRO2ASTRO 2025

This Certificate is issued to

Kumkum Sharma

for participating in the online workshop “Intro2Astro”
(Introduction to Astronomy Research) in 2025.

ABOUT THE COURSE

Intro2Astro (Introduction to Astronomy Research) is a free summer workshop designed for undergraduate students aspiring to become professional astronomers. Intro2Astro 2025 will run from **July 1 to August 19, 2025** (8 weeks). We met every Tuesday from 6:00–7:00 PM UTC to discuss the following topics:

- Coding in Python
- How to read and write scientific papers
- Data analysis of real astronomical data
- Research Websites and CVs
- Funded Research Opportunities
- Graduate School Application
- Citizen Scientists Projects

LEARN MORE

You can learn more about the workshop through our website, Github Repo, and Youtube Channel:

- <https://sites.google.com/view/intro-2-astro>
- <https://github.com/howardisaacson/Intro-to-Astro2025>
- <https://www.youtube.com/@intro2astro>

Organizers:

- Dr. Fei Dai (University of Hawai'i) fdai@hawaii.edu
- Dr. Howard Isaacson (Berkeley) hisaacson@berkeley.edu
- Chetan Chawla (ZS, ASIAA) chetanchawla4@gmail.com



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B.Sc.(Hons) Physics, 2023/399

Mode: Offline

Institute: Banaras Hindu University

Duration: June-July, 2024

Project details: Research

Stipend; None

Medha

B.Sc.(Hons) Physics, 2023/727

Mode: Offline

Agency/Institute: Admission Branch,
University of Delhi

Stipend: None

Internship Details: I developed communication and collaboration skills by interacting with students of my age group as well as others, and gained hands-on experience with emails and chatbots for personal communication.

Duration: June, 2025

BISHWASHRI MAJUMDAR



Miranda House University of Delhi

B.Sc.(Hons) Physics, 2023/289

Mode: Online

Agency/Institute: India Space Academy

Internship details; To explore various astronomical, cosmological and coding aspects.

Stipend: None

Duration/Period: June, 2025





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B.Sc.(Hons) Physics, 2022/58

Mode: Offline

Agency/Institution: CSIR NIIST
THIRUVANANTHAPURAM

Internship Details: Studied Thermoelectric
materials

Duration/Period: June-July, 2024

Stipend: None

सीएसआईआर - राष्ट्रीय अंतर्विषयी विज्ञान तथा प्रौद्योगिकी संस्थान
**CSIR - NATIONAL INSTITUTE FOR INTERDISCIPLINARY
SCIENCE AND TECHNOLOGY (NIIST)**
INDUSTRIAL ESTATE PO, PAPPANAMCODE, THIRUVANANTHAPURAM-695019

**मानव संसाधन एवं शैक्षणिक प्रभाग
HUMAN RESOURCE AND ACADEMIC DIVISION**

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **Miss. AISWARYA S SEKHAR** student of Miranda House, University of Delhi has successfully completed her Internship Programme from 19-06-2024 to 19-07-2024 under the guidance of Dr. Biswapriya Deb at the CSIR National Institute for Interdisciplinary Science and Technology Thiruvananthapuram.

Head, HRAD

Dr. U. S. HAREESH
प्रधान, एचआरएडी / Head, HRAD
सी एस आई आर-राष्ट्रीय अंतर्विषयी विज्ञान तथा प्रौद्योगिकी संस्थान
CSIR-National Institute for Interdisciplinary
Science and Technology (NIIST)
विज्ञान तथा प्रौद्योगिकी मंत्रालय, भारत सरकार
Ministry of Science and Technology, Govt. of India
Thiruvananthapuram-695 019.

Guide of host Institution

Dr. Biswapriya Deb / Dr. BISWAPRIYA DEB
सी एस आई आर
CSIR
राष्ट्रीय अंतर्विषयी विज्ञान
तथा प्रौद्योगिकी संस्थान
The National Institute for Interdisciplinary
Science and Technology (NIIST), Govt. of India
Thiruvananthapuram-695 019.



Miranda House University of Delhi

Aiswarya S Shekhar

B.Sc. (Hons) Physics

Semester IV; 2022/58

Agency/Institute: CSIR- National Institute for Interdisciplinary Sciences and Technology,
Thiruvananthapuram

Project Title: **Thermoelectric Materials**

Period: 19.6.2024-19.7.2024



Sonia Das



Miranda House University of Delhi

B.Sc.(Hons) Physics, 2023/1297

Mode: Online

Agency/Organisation: IASC, NASA

Duration: October-November, 2024

Internship Details: Observation of Near earth objects and main belt-asteroids by analyzing the images from PAN-STARRS

Stipend: None



FIDA FA

The material contained in this document is based upon work supported by a National Aeronautics and Space Administration (NASA) grant or cooperative agreement. Any opinions, findings, conclusions or recommendations expressed in this material are those of the author and do not necessarily reflect the views of NASA.



Miranda House University of Delhi

B.Sc.(Hons) Physics, 2022/346

Agency/Institute: Madapally College,
Kerala

Internship Details: study on photocatalytic
study of DNA capped chromium oxide
nanoparticles

Duration: July-August, 2024

Stipend: None

Department of Physics
Govt. College Madappally



16-08-2024

CERTIFICATE OF COMPLETION

This is to certify that FIDA FATHIMA A S B.Sc. Physics (Hons) Miranda House, University of Delhi has successfully completed a one-month internship (July 2024) under my supervision on the topic of Photocatalytic Study of DNA Capped Chromic Oxide Nanoparticles at the Government College Madappally, affiliated with the University of Calicut, Kerala. Her dedication and hard work during this internship have been commendable, and her contribution to the project has been valuable.

We wish her all the best in her future academic and research endeavours



Dr. Nithyaja.B
Associate Professor and

Research Guide Department of Physics
Govt.College Madapplay, Vatakara

Nithyaja
16/08/2024

P.O. Madappally College, Vatakara, Kerala- 673102
Ph: 0496 2512587

SRIJITA SANA



Miranda House University of Delhi

B.Sc.(Hons) Physics, 2023/1309

Agency/Institute: Jadavpur university

Mode: Online

Stipend: None

Internship Details: Dynamics of simple
pendulum and computational work

Duration/Period: June, 2025

যাদবপুর বিশ্ববিদ্যালয়

কলকাতা - ৭০০ ০৩২, ভারত



Jadavpur University

Kolkata - 700 032, India

Asim Kumar Ghosh

Professor

Department of Physics

Jadavpur University

188 Raja Subodh Chandra Mallik Road

Kolkata 700032, India

Email: asimk.ghosh@jadavpuruniversity.in

Telephone: 033 24572134 (Office)

July 26, 2025

Internship Completion Certificate

Name of Intern: Srijita Sana

Name of Institute: Miranda House

This is to certify that Ms Srijita Sana, a student of the Four Year B. Sc. in Physics Course, Semester V of the Department of Physics, Miranda House, has successfully carried out an Internship programme under my supervision during June-July, 2025.

On completion of the internship, she has submitted a dissertation.

Title of the dissertation: Dynamics of simple pendulum.

In this study, she did all the mathematical derivations, numerical coding, editing of the manuscript and drawing of figures by herself. Her overall performance during this internship programme is good.

Asim Kumar Ghosh

Asim Kumar Ghosh, July 26, 2025

Dr. Asim Kumar Ghosh
Professor
Department of Physics
Jadavpur University

CHANCHAL



Miranda House University of Delhi

B.Sc.(Hons) Physics, 2022/1616

Agency/Institute: Intershala

Mode: Online

Internship Details: Online teaching

Duration: August-October, 2024

Stipend: None

Certificate: Not Provided

VARSHA MEENA

B.Sc.(Hons) Physics, 2022/1287

Mode: Online

Agency/Organisation: Wayspire

Stipend: None

Internship Details: Internship focused on artificial intelligence acquiring hands on experience

Duration/Period: April, 2024

MEHAK RANI





Miranda House University of Delhi

B.Sc.(Hons) Physics, 2022/640

Mode: Offline

Agency/Institute: Indian Institute of
technology, Delhi

Duration: June-August, 2025

Internship Details: Study on “Defects in
Diamond Structure for Quantum Sensing
Applications”

Stipend: None



Dr. Rajendra Singh
Professor

INDIAN INSTITUTE OF TECHNOLOGY DELHI
Department of Physics

Hauz khas, New Delhi-110016, INDIA
Tel.: +91-11-2659 6495
E-mail : rsingh@physics.iitd.ac.in

August 20, 2025

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Mehak Rani**, a student of B.Sc. (Hons.) Physics at Miranda House, University of Delhi have successfully completed the internship with our organization in the topic of “**Defects in Diamond Structure for Quantum Sensing Applications**” from **5th June, 2025 to 31st July, 2025**. This project is under my direct supervision in the Department of Physics, IIT Delhi.

This issuance of the internship completion certificate for the aforementioned duration.
We wish Ms. Mehak Rani all the best for her future endeavors.

Prof. Rajendra Singh

PRIYA BURDAK



Miranda House University of Delhi

B.Sc.(Hons) Physics, 2022/851

Agency/Institute: Centre for Advanced
Computational Research, New Delhi, India

Mode: Online

Duration/Period: September, 2025

Internship Details: Hands on experience on
Density Functional Theory Of Advanced
Materials

Stipend: None



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Certificate of Participation

This is to certify that

Priya Burdak, Undergraduate, Miranda House, University of Delhi, India

has actively participated in the **1st Hands-on-Training Program on Density Functional Theory Computations of Advanced Materials (DFT-Advanced)** organized by the Centre for Advanced Computational Research, Delhi from **22nd September – 1st October 2025** via Online Mode. The training program had 10 Interactive Sessions by **DR. NIKHIL AGGARWAL** using **Quantum Espresso, Burai and Vesta** Software Packages.



Dr. Nikhil Aggarwal
Head of the Department & Convener



ISO Accreditation Body: United Ackreditering Services Limited, United Kingdom
Certificate No.: **2025/DFT-M/W/1/28**

Teacher-in-charge
Department of Physics
Miranda House
University of Delhi
DELHI-110007



**Miranda House
University of Delhi**
