Remedial Classes Report

Session -2022-23

Subject: Elements of Modern Physics (PHYS301)/Nuclear Physics (PHYS304)

The following students were identified as slow learner on the basis of their overall performance during the classes and the marks obtained by them in the Mid - term Exams. A group of them was formed with marks 07 or less than 07 out of 15 to attach them to the group of Advance learners to bridge the learning gap

Under Achievers:

Sr. No.	University Roll No	Class Roll No	Name
1	2201060002	2001451134	Akshit Verma
2	2200840148	2001451027	Sahil dhiman
3	2200860168	2001453043	Tushar
4	2200840001	2001451112	Aakash pal
5	2200840035	2001451097	Ashish Rana
6	2200840030	2001451010	Anshul Negi
7	2200860008	2001453035	Abhishek Chauhan
8	2200840071	2001451111	Hitesh Negi

The following students were identified as Advance learner on the basis of their overall performance during the classes and the marks obtained by them in the Mid - term Exams. A group of them was formed with marks 14 & 15 out of 15 to attach them to the group of slow learners to bridge the learning gap

Advance Learners:

Sr. No.	University Roll No	Class roll no	Name
1	2200840045	2001451099	Charu Thakur
2	2200820132	2001451127	Priyanka Sharma
3	2200840021	2001451012	Anjali
4	2200840007	2001451006	AKHIL
5	2200840043	2001451102	Bhakti Prakash
6	2200840131	2001451104	Reema
7	2200840069	2001451094	Himani
8	2200840009	2001451082	Akshansh Khachi
9	2200840090	2001451067	Mehender kumar
10	2200840102	2001451036	Nikhil
11	2200840028	2001451052	Ansheen Chopra
12	220084 0132	200145 3013	Renuka Thakur
13	2200840103	2001451061	Nikhil
14	2200840113	2001451022	Prabhat Verma
15	2200840144	2001451049	Rohit Chauhan
16	2200840115	2001451063	Pranav Prakash
17	2200840149	2001451035	Sahil Jamiyan
18	2200840023	2001451005	Anjali Verma
19	2200840092	2001451098	Mohit sharma
20	2200840098	2001451014	Neha himral
21	2200840046	2001451076	Chetna Thakur
22	2200840117	2001452002	Prikshit Verma
23	2200840053	2001451089	Deepika
24	2200840193	2001451053	Vishali rapta
25	2200840002	2001451087	Abhay Thakur
26	2200840093	2001451059	MONIKA
27	2200840039	2001451079	Avantika

28	2200840085	2001451046	Mamita Thakur
29	2200840094	2001451088	Mridul
30	2200840079	2001451001	Kriti
31	2200840175	2001451090	Swati Thakur

The group leaders were made out of the Advance learners and they provided necessary guidance in the form of Remedial Classes to underachievers to meet their learning demands. The topics given by slow learners were presented in the form of presentations and discussions during the remedial classes. After evaluating the assignments and exercises given to underachievers post Remedial sessions, the underachiever group performed better and increase in their learning ability was seen. **These classes were conducted from Feb, 6, 2023 to Feb. 25,2023 in PLT.**

Dr Kirti Singha

Dept of Physics

Peer Group : B.Sc. IIIrd: - 2022 - 23(Physics)

	Advance Learners/Under Achievers				
Sr. No.	**University Roll No**	**Class Roll No**	**Name**	**Contact No**	**G/Leaders**
1	**2200820132**	**2001451127**	**Priyanka Sharma**	**8091058330**	**GL-1**
2	**2200840043**	**2001451102**	**Bhakti prakash**	**7876123162**	**GL-II**
3	2201060002	2001451134	Akshit Verma	8278828868	
4	2200840148	2001451027	Sahil dhiman	7087925244	
5	**2200840009**	**2001451082**	**Akshansh Khachi**	**8626922444**	**GL-III**
6	**220084 0132**	**200145 3013**	**Renuka Thakur**	**8219429454**	**GL-IV**
7	2200840001	2001451112	Aakash pal	8580509064	
8	2200840035	2001451097	ASHISH RANA	7018658006	
9	**2200840023**	**2001451005**	**Anjali Verma**	**7650071404**	**GL-V**
10	**2200840039**	**2001451079**	**Avantika**	**9857713214**	**GL-VI**
11	2200860168	2001453043	Tushar	8988931311	
12	2200840030	2001451010	Anshul Negi	8580600452	
13	**2200840046**	**2001451076**	**Chetna Thakur**	**9015102597**	**GL-VI**
14	**2200840002**	**2001451087**	**Abhay Thakur**	**8219675466**	**GL-VII**
15	2200860008	2001453035	Abhishek Chauhan	8219790003	
16	2200840071	2001451111	Hitesh Negi	7807820449	

Topics Taken by Advance learners

G/Leaders	
GL-1	Compton Effect, Numerical problems, Schrodinger time independent equation
GL-II	Energy and momentum operators, numerical, expectation values
GL-III	Spectrum of Hydrogen atom, Particle in Box and its wave function, E>V
GL-IV	Harmonic Oscillators, Binding Energy
GL-V	Semi-Empirical mass formula, short question answers of Atomic nucleus and its properties
GL-VI	Energy loss due to ionisation, Ionization Chamber, Proportional Counter, Cyclotron
GL-VI	Classification of elementary particles, Conservation laws
GL-VII	Quark Model, Betatron