

**POST GRADUATE DEPARTMENT OF PHYSICS
UNIVERSITY OF KASHMIR, SRINAGAR-06**

July 06, 2021

This is for the information of the 4th Semester students that the **offline viva-voce examination** pertaining to the projects shall be held as per the following schedule.

S. No.	Project Title	Faculty member	Roll Nos.	Date of Viva-Voce
1	Objectives of different High Energy Physics experiments.	M. Farooq Mir	18069120016 18069120021 18069120022	12.07.2021
2	Simulation of Heavy Ion Collisions using Root software.	M. Farooq Mir	18069120024	12.07.2021
3	Generation, Propagation and Detection of Atmospheric Gravity Waves	Manzoor A. Malik	18069120018 18069120036 18069120040	12.07.2021
4	The Physics of Phase Transitions with Applications	Manzoor A. Malik	18069120007 18069120025 18069120033	12.07.2021
5	Evolutionary stages of a star	Naseer Iqbal	18069120035 18069120049 18069120058	12.07.2021
6	Band Structure of Solids using Density Functional Theory	Basharat A. Want	18069120013 18069120015 18069120059	12.07.2021
7	Galaxy Classification	Sajad Masood	18069120002 18069120017 18069120054	12.07.2021
8	To study the spatial and temporal variation of ion aerosol interaction in different weather conditions	Gowher Bashir	18069120034 18069120046 18069120048	13.07.2021

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S. No.	Project Title	Faculty member	Roll Nos.	Date of Viva-Voce
9	Review of models for carbon nanotube device applications.	Ghulam Nabi Dar	18069120005 18069120032 18069120056	13.07.2021
10	Review of waste water treatment using Nanomaterial	Ghulam Nabi Dar	18069120003 18069120009 18069120051	13.07.2021
11	Quantum Information over noisy channels	Muzafar Q. Lone	18069120006 18069120012	13.07.2021
12	Nuclear structure study using different theoretical models.	Waheed A. Dar	18069120053 18069120039 18069120011	13.07.2021
13	Physics of numerical weather prediction and Data assimilation.	Waheed A. Dar	18069120020 18069120031 18069120064	13.07.2021
14	Solving physics problems using MATLAB	Shabir Ahmad	18069120047 18069120061 18069120063	13.07.2021
15	Simulating detectors using GEANT	Shabir Ahmad	18069120044 18069120060 18069120065	14.07.2021
16	Application of perturbation theory to on-electron atom	Nissar Ahmad	18069120026 18069120052 18069120062	14.07.2021
17	Large Hadron Collider: Discoveries and Significance	Waseem Bari	18069120008 18069120028 18069120055	14.07.2021
18	Sun's Environment	Naseer Iqbal	18069120010 18069120014 18069120045	14.07.2021
19	Application of Laser in medical sciences	Nisar Ahmad	18069120041 18069120050 17069120065	14.07.2021

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S. No.	Project Title	Faculty member	Roll Nos.	Date of Viva-Voce
21	Global Electric Circuit and Climate	Gowher Bashir	18069120057 18069120042 18069120043	14.07.2021
22	BEC qubits and teleportation protocol	Muzafar Q. Lone	18069120019 18069120027	14.07.2021

The students may note the following points in connection with the mode of examination:

1. Every student shall make a powerpoint presentation about his/her project.
2. The duration of the presentation must not be more than 10 minutes.
3. After the presentation, the examiners shall interact with the candidate.
4. The examination shall start at 10 am on all days.
5. All the updates shall be made available on the Whatsapp group.

*: The concerned supervisors are requested to make themselves available during the examination of their respective students.



(Professor Basharat A. Want)
Head of the Department