

FACULTY OF NATURAL SCIENCES
BSc HONOURS DEGREE 2023/24
PHYSICS – Re-Registration

Name of student :

Reg No.

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Level 5

Course code	Course title	Practical	Semester offered	Credit rating	Pre-requisites	Cost (Rs.)	Mark "X"	Official use only
PHU5300*	Nuclear & Particle Physics		2 nd	3	PHU4300 (EL/CR)			
PHU5301*	Practical Physics	10 days	2 nd	3	(PHU4301/ PHU5303) (EL/CR)			
PHU5302	Atmospheric Physics		1 st	3				
PHU5303*	Data Acquisition and Signal Processing		1 st	3	PHU4301 (EL/CR)			
PHU5304	Biophysics			3		Will not be offered in 2023/24		
PHU5305	Essentials of Geology	3 days	1 st	3				
PHU5306	Applied Geology	3 days	2 nd	3	PHU5305 (EL/CR)			
PHU5307	Medical Physics		2 nd	3				
PHU5308	Fundamentals of Geophysics	2 days		3		Will not be offered in 2023/24		
PHU5311	Astronomy			3		Will not be offered in 2023/24		
PHU5312*	Solid State Physics		1 st	3	PHU4300 (EL/CR)	Will not be offered in 2023/24		
PHU5313	Advanced Electromagnetism	-	2 nd	3	(PHU4303 (EL/CR) & PHU3301 (EL) or (PYU2165 & PYU1161) (P)	-		
PHU5314	Thermodynamics	-	1 st	3	PHU4303 (EL/CR) & PHU3300 (EL) or PYU2165 (P)	-		
PHU5315	Renewable Energy Sources	-	2 nd	3	-	-		

Compulsory for Physics Honours students*Level 6**

PHU6300	Advanced Practical in Physics*	18 days	1 & 2	3	PHU4300 PHU5313(EL/CR)			
PHU6301	Advanced Solid-State Physics*		1 st	3	PHU5312(EL/CR)			
PHU6302	Advanced Quantum Mechanics*		2 nd	3	PHU4300 (EL/CR)			
PHU6603	Advanced Research Project in Physics*		1&2	6				
PHU6304	Advanced Electronics*		1	3	PHU4301(EL/CR)			
PHU6305	Nanophysics and its Applications		2	3				
PHU6306	Statistical Physics*		2	3	PHU5314 (EL/CR)			
PHU6307	Modern Optics		1	3				
PHU6308	Classical Mechanics*		2	3	PHU4303 (EL/CR)			

***Compulsory for Physics Honours students**

I hereby declare that I have selected the course/s marked "X" in accordance with my wishes and requirements.

Signature of student.....

Date.....

Contact No. (Mobile).....

Signature of First Counsellor

Signature of Second Counsellor