



हिमाचल प्रदेश केंद्रीय विश्वविद्यालय  
**Central University of Himachal Pradesh**  
[Established under Central Universities Act 2009]  
Department of Physics & Astronomical Science  
School of Physical & Material Sciences

**List of Courses offered for the B.Sc. Physics (Hon's), 5<sup>th</sup> Semester during Monsoon Semester (2020-21)**

S.No.	Course name	Course code	Credits	Faculty Member	
1.	Solid State Physics	PAS 302	4	Dr. Surender Pratap	Core Compulsory Courses Total Credits = 12
2.	Solid State Physics Lab	PAS 302 L	2	Dr. Surender Pratap	
3.	Quantum Mechanics & Applications	PAS 355	4	Dr. Gourishankar Sahoo	
4.	Quantum Mechanics & Applications Lab	PAS 355 L	2	Dr. Surender Pratap & Dr. Gourishankar Sahoo	
5.	Nano Material and Applications	PAS 356	4	Dr. Noorjahan	Elective Specialization Course Total Credits = 12
6.	Nano Material and Applications Lab	PAS 356 L	2	Dr. Noorjahan	
7.	Nuclear and Particle Physics	PAS 318	4	Dr. Dalip Singh Verma	
8.	Nuclear and Particle Physics Lab	PAS 318 L	2	Dr. Dalip Singh Verma & Prof. Bhag Chand Chauhan	