

Course Allocation for Semester starting August 2019:

B.Sc I Semester				
Course Title	Course Code	Course Credit	Hours/week	Teacher
Mathematical Physics- I	PAS 101	4		Dr. Ayan Chatterjee
Mathematical Physics- I Lab	PAS 101L	2		Dr. Ayan Chatterjee & Dr. Jagdish Kumar
Mechanics	PAS 102	4		Dr. Surender Verma
Mechanics Lab	PAS 102L	2		Dr. Surender Verma
Chemistry-1	CCS 101	4		Dr. Subhanker Chatterjee
Chemistry-1 Lab	CCS 101L	2		Dr. Subhanker Chatterjee
Eng/MIL-1		2		Prof. Roshan Lal Sharma
HM-1		2		Dr. Anurag Linda
		22	0	

B.Sc III Semester				
Course Title	Course Code	Course Credit	Hours/week	Teacher
Mathematical Physics- II	PAS 201	4		Dr. Rajesh Kumar Singh
Mathematical Physics- II Lab	PAS 201L	2		Dr. Rajesh Kumar Singh
Thermal Physics	PAS 202	4		RP 1
Thermal Physics Lab	PAS 202L	2		RP 1
Digital Systems and Applications	PAS 203/NOC18_ee33	4		RP 2
Digital Systems and Applications Lab	PAS 203L	2		RP 2
Mathematics-1	MTH 101	4		RP 5
Mathematics-1 Tutorial	MTH 101 T	2		RP 5
		24	0	

B.Sc V Semester				
Course Title	Course Code	Course Credit	Hours/week	Teacher
Quantum Mechanics & Applications	PAS 355	4		RP 3
Quantum Mechanics & Applications Lab	PAS 355 L	2		RP 3
Solid State Physics	PAS 302	4		Dr. Jagdish Kumar
Solid State Physics Lab	PAS 302L	2		Dr. Jagdish Kumar & Dr. Rajesh Kumar Singh
Nuclear and Particle Physics	PAS 318	4		Dr. Dalip Singh Verma
Nuclear and Particle Physics Lab/Tutorial	PAS 318L	2		Dr. Dalip Singh Verma
Astronomy and Astrophysics	PAS 319	4		RD 4
Astronomy and Astrophysics Physics Lab	PAS 319 L	2		RD 4
		24	0	

M.Sc I Semester				
Course Title	Course Code	Course Credit	Hours/week	Teacher
Classical Mechanics	PAS 401A	4		Dr. Surender Verma
Electro-dynamics	PAS 403A	4		RP 6
Quantum Mechanics	PAS 404A	4		Dr. Ayan Chatterjee
General Physics Laboratory	PAS 413	2		Dr. Surender Verma & Dr. Ayan Chatterjee
Mathematical Physics	PAS 402	2		RP 6
History & Philosophy of Science	PAS 417 A	2		Prof. B.C. Chauhan
Science of Yoga	PAS 556	2		Prof. O.S.K.S. Sastri
		20	0	

M.Sc III Semester				
Course Title	Course Code	Course Credit	Hours/week	Teacher
Condensed Matter Physics	PAS 408A	4		Dr. Jagdish Kumar
Nuclear and Particle Physics	PAS 409A	4		Dr. Dalip Singh Verma
Atomic, Molecular and Laser Physics	PAS 411A	4		RP 7
Quantum Field Theory	PAS 426A	4		Prof. B.C. Chauhan
Modern Physics Laboratory	PAS 423	2		Dr. Dalip Singh Verma
Modeling and Simulation	CSI 411	2		RP 7
		20	0	