

Course Allocation for Semester starting Jan 2019:

B.Sc II Semester				
Course Title	Course Code	Course Credit	Hours/week	Teacher
Nuclear Radiation and safety	PAS 124	2	2	RP
Sanskrit Sambashanam	SKT 201	2	2	
Electricity and Magnetism	PAS 103	4	4	RP
Electricity and Magnetism Lab	PAS 103L	2	4	RP
Waves and Optics	PAS 104	4	4	Dr. Jagdish
Waves and Optics Lab	PAS 104L	2	4	Dr. Jagdish and Dr.Rajnish
Chemistry II	CCS 102	4	4	
Chemistry II Lab	CCS 102L	2	4	
		22	28	
B.Sc IV Semester				
Course Title	Course Code	Course Credit	Hours/week	Teacher
Mathematical Physics III	PAS 212	4	4	Dr. Ayan
Mathematical Physics III Lab	PAS 212L	2	4	Dr. Ayan and ?
Elements of Modern Physics	PAS 205	4	4	Dr Surender
Elements of Modern Physics Lab	PAS 205L	2	4	Dr Surender and ?
Analog Systems and Applications	PAS 206	4	4	Dr Rajesh
Analog Systems and Applications Lab	PAS 206L	2	4	Dr Rajesh and ?
Mathematics-2	MTH 103	4	4	
Mathematics-2 Tutorial	MTH 103T	2	4	
		24	32	
B.Sc VI Semester				
Course Title	Course Code	Course Credit	Hours/week	Teacher
Electromagnetic Theory	PAS 303	4	4	RP
Electromagnetic Theory Lab/Tutorial	PAS 303L	2	4	RP
Statistical Physics	PAS 304	4	4	RP
Statistical Physics Lab	PAS 304L	2	4	Dr. Sastri and ?
Astronomy and Astrophysics	PAS 319	4	4	RP
Astronomy and Astrophysics Lab	PAS 319L	2	4	RP
Nanoscience and technology	PAS 320	4	4	Dr Rajnish
Nanoscience and technologyLab	PAS 320 L	2	4	Dr. Rajnish and ?
		24	32	
M.Sc II Semester				
Course Title	Course Code	Course Credit	Hours/week	Teacher
Advanced Quantum Mechanics	PAS 404A	4	4	Dr.Ayan
Statistical Mechanics	PAS 406A	4	4	Dr. Surender
Electronics Circuits	PAS 405	2	4	Dr. Dalip
Electronics Lab	PAS 415	2	4	Dr Dalip and Dr Rajesh
Accelerator and Reactor Physics	PAS 528	2	4	RP

Computer Simulations in Physics	PAS 414	2	4	Dr. Rajesh and ?
History and Philosophy of Science	PAS 417 A	2	4	Dr. Chauhan
Science of Yoga	PAS 556	2	4	Dr. OSKS Sastri
		20	4	
M.Sc IV Semester				
Course Title	Course Code	Course Credit	Hours/week	Teacher
Computational Physics	PAS 428A	4	4	Dr. Jagdish
Computational Physics Lab	PAS 427	2	4	Dr. Jagdish and Dr. Chauhan
Theoretical Nuclear Physics	PAS 527	4	4	Dr Dalip
Elementary Particle and Interactions	PAS 549	4	4	Dr. Chauhan
Project Work	PAS 548	4	28	BCC(4), OSKS(2), AC(4), SV(4), DSC(4), RS(4), RD(2), RJ(2), MM(2)
Nano Materials and technology	PAS 516	2	2	Dr. Rajnish
		20	46	

RP : Resource Person