

**M.Sc. IST
Semester**

P.G Department of Physics NIT Srinagar (FIST Supported)

**Classes will start
from Sep 02, 22**

M.Sc. PHYSICS SEMESTER I (AUTUMN SESSION – 2022)

August – 2022

Room – L16		M. Sc Physics							
Period	1	2	3	4	5	6	7	8	
TIMING/Day	09:00 am- 10:00 am	10:00 am - 11:00 am	11:00 am - 12:00 noon	12:00 noon - 01:00 pm	01:00 pm - 2:00 pm	2:00 pm- 03:00 pm	03:00 pm- 04:00 pm	4:00 pm - 05:00 pm	
Monday	SSP(L)	QM (L)	MP (L)	CM (L)	LUNCH	Worksheet on SSP Prof. M.A.Shah & Team		Mr.Arshid/ Mr. Reyaz	
Tuesday	SSP(L)	QM(L)	MP (L)	CM (L)		Worksheet on QM Prof. Prince A Ganaie & Team		Mr.Mehboob/Miss Samia	
Wednesday	SSP(L)	QM (L)	MP(L)	CM (L)		Worksheet on MP Dr. M Zubair & Team		Dr. Suhail (emf)/ Tauseef	
Thursday	SSP(T)		QM (T)			Worksheet on CM Dr. Harkirat & Team		Mr Asif/ Mr Haris khan	
Friday	Solid State Physics Lab (SSL) – Group A Advanced Optics Lab (AOL) - Group B		Solid State Physics Lab (SSL) – Group B Advanced Optics Lab (AOL) - Group A			Joint Seminar by Prof. S.Rubab Samia/ Samiksha/ Muntha./Tabinda		Mr Asif & Mr Junaid	
Course –code	Course Name			Faculty Name		Preferred Books		L	
PSPHY 101	Mathematical Methods for Physics (MP)			Dr. M.Z. Ansari/ Mr.Tawseef		Arfken & Weber		4 L + 2 T	
PSPHY-102	Classical Mechanics (CM)			Dr. Harkirath Singh/ Mr. Asif		Herber Goldstein		4 L + 2 T	
PSPHY- 103	Quantum Mechanics (QM)			Prof. Prince A Ganaie/ Mr. Mehboob		Nouredine Zettili/ Landau Lifshitz		4 L + 2 T	
PSPHY- 104	Solid State Physics (SSP)			Prof. M. A. Shah /Mr. Arshid		M.A.Wahab/Omer Ali		4 L+ 2 T	
PSPHY-LB1	Solid State Physics Lab (SSL)			Prof.M.A.Shah/Mr.Aamir/Mr.Reyaz		Physics Lab in Sky (Shah & Surbhi)		2 Lab	
PHPHY- LB2	Advanced Optics Lab (AOL)			Dr.Harkirat /Mr. Asif /Mr Junaid		Optics by A Ghatak		2 Lab	

Note: Please seek proper and prior permission for any Leave so that class engagement can be made well in time by the T/T in charge. L stands for Lecture and T stands for tutorial & LAB stands for Laboratory.

Dr. Vijay Kumar (I/C Time Table)

Dr. M. A. Shah (Head, Physics)

M.Sc. 3 rd Semester	P.G Department of Physics NIT Srinagar (FIST Supported)							Classes will start from 22 Aug 22	
M.Sc. PHYSICS SEMESTER III (AUTUMN SESSION – 2022)								August – 2022	
Period	1	2	3	4	5	6	7	8	
TIMING/Day	09:00 am-10:00 am	10:00 am - 11:00 am	11:00 am - 12:00 noon	12:00 noon - 01:00 pm	01:00 pm - 2:00 pm	2:00 pm- 03:00 pm	03:00 pm- 04:00 pm	4:00 pm - 05:00 pm	
Monday		CPMP (L)	CMP(L)	NPP (L)	LUNCH	EL1 (L) /EL2 (L)/ EL3 (L)	Project Work in Respective Labs		
Tuesday		CPMP (L)	CMP(L)	NPP (L)		EL1 (L) /EL2 (L)/ EL3 (L)	Project Work in Respective Labs		
Wednesday		CPMP (L)	CMP(L)	NPP (L)		EL1 (L) /EL2 (L)/ EL3 L	Project Work in Respective Labs		
Thursday	CPMP (T)		NPP (T)			Computational Phy Lab – Group A Material Science Lab – Group B		Coordinator: Mr Tasadaq	
Friday	CMP(T)		Computational Phy Lab – Group B Material Science Lab – Group A			Joint Seminar by Prof. S.Rubab Samia/ Samiksha/ Muntha./Fatima		On Emerging Areas of Physics	
Course –code	Course Name/Venue			Faculty Name		Preferred Books	Author	L	
PSPHY 301	Condensed Matter Physics (CMP)			Prof. M. Ikram/ Mr Aaqib		Fundamentals of Condensed Matter Phys	Marvin & Steven	4 L + 2 T	
PSPHY- 302	Nuclear & Particle Physics (NPP)			Prof. Prince A Ganaie/ Mr. Mehboob		Introduction to Nuclear Physics	Heral Enge,	4 L + 2 T	
PSPHY-303	Computational Methods in Physics (CPMP)			Dr. Harkirat Singh/Mr.Junaid		Computational Physics	N. Giordano & N	4 L + 2 T	
PSPHY- EL1	Renewable Energy (EL1)/ Lab /Classroom yet to be decided			Prof. S. Rubab / Mr.Ummer Altaf		Renewable Energy	Twidel and Weir	3	
PSPHY- EL2	Nanoscience & Nanotechnology (EL2)/ In M A Shahs Lab			Prof. M.A.Shah / Mr.Aalim		Science of Small: Nanotechnology	Shah & Shah	3	
PSPHY- EL3	Quantum Field Theory/ DFT (EL3)/ In Office of P.A.Ganie			Mr.Wakeel /Mr Mehboob/Mr.Asif		Quantum Field Theory	Bjorken & Drell	3	
PSPHY-LB5	Computational Physics Lab/ ATTIC – 7			Dr.Harkirat /Mr.Junaid		List Updated on web Page	Follow Instructor	4 lab	
PHPHY- LB6	Material Science Lab/ Not Specified			Prof. M.Ikram/ Prof.M.A.Shah/ Mr.Aaqib/Mr.Arshid		List updated on web Page	Follow Instructor	4 lab	
Note: Please seek proper and prior permission for any Leave so that class engagement can be made well in time by the T/T in charge. L stands for Lecture and T stands for tutorial & LAB stands for Laboratory.									
Dr. Vijay Kumar (I/C Time Table)				Dr. M. A. Shah (Head, Physics)					

After detailed discussion in meeting held on 2nd Sep 2022 at 2PM in the office of Prof M A Shah HoD Physics. Issued and uploaded.