

**Modern Education Society's**  
**Nowrosjee Wadia College, Pune**  
**Department of Physics**

**List of course for FY/SY/TY B.Sc. 2021-22**

Sr. No.	Subject Type	Sem	Subject Code	Subject Name
<b>F.Y.B.Sc. ( Physics ) 2021-22</b>				
1	Compulsory	II	PHY-121	Heat and Thermodynamics
2	Compulsory	II	PHY-122	Electricity and Magnetism
3	Compulsory	II	PHY-123	Physics Laboratory-1B
<b>S.Y.B.Sc. ( Physics ) 2021-22</b>				
1	Compulsory	IV	PHY-241	Oscillations, Waves and Sound
2	Compulsory	IV	PHY-242	Optics
3	Compulsory	IV	PHY-243	Physics Laboratory-2B
<b>T.Y.B.Sc. ( Physics ) 2021-22</b>				
1	Compulsory	VI	PHY-361	Solid State Physics
	Compulsory	VI	PHY-362	Quantum Mechanics
2	Compulsory	VI	PHY-363	Thermodynamics and Statistical Physics
3	Compulsory	VI	PHY-364	Nuclear Physics
4	Compulsory	VI	PHY-365	Electronics-II /Advanced Electronic
5	Compulsory	VI	PHY-367	Physics Laboratory-4A
6	Compulsory	VI	PHY-368	Physics Laboratory-4B
7	Compulsory	VI	PHY-369	Project-I
8	Elective	VI	PHY-366	Acoustic-II
9	Skill Enhancement courses	VI	PHY-3610(U)	Scientific Data Analysis using Python
10	Skill Enhancement courses	VI	PHY-3611(Y)	Microcontrollers