



“Education for Knowledge, Science, and Culture”  
- Shikshanmaharshi Dr. Bapuji Salunkhe  
**Shri Swami Vivekanand Shikshan Sanstha's**  
**Vivekanand College, Kolhapur**  
**(Autonomous)**



**Content with Cross-cutting Issues**  
**(2018-19 to 2023-24)**

Sr. No.	Name of the Course	Course code	Year of Introduction	Professional Ethics	Gender	Human Values	Environment and sustainability	Sustainable development goals	NEP-2020 (Truth (satya), righteous conduct (dharma), peace (shanti), Love (prem), nonviolence (ahimsa), scientific temper, citizenship values, lifeskills; -lessons in seva/



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DEPARTMENT OF PHYSICS  
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(EMPOWERED AUTONOMOUS)

service and participation in Community service education

M.Sc. Physics (Newly Introduced between 2018-19 and 2022-23)

1.	Mathematical methods of Physics	CC-1100A	2018-19						
2.	Classical Mechanics	CC-1101A	2018-19						
3.	Quantum Mechanics I	CC-1102A	2018-19						
4.	Condensed Matter Physics	CC-1103A	2018-19				Semiconductor theory and devices		
5.	Quantum Mechanics-II	CC-1106B	2018-19						
6.	Statistical Mechanics	CC-1107B	2018-19						
7.	Electrodynamics	CC-1108B	2018-19						
8.	Atomic & Molecular Physics	CC-1109B	2018-19						
9.	Nuclear and Particle Physics	CC-1112C	2019-20						
10.	Thin film deposition and other techniques	CBP-1113C	2019-20						
11.	Solid State Physics- I	CC-1114C	2019-20						



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	(Thin Film Deposition Techniques Magnetic and Electric Properties)								
12.	Solid State Physics-II (Semiconductor Physics)	CC-1115C	2019-20						
13.	Experimental Techniques	CC-1118D	2019-20						
14.	Electronic Devices and Applications	CBP-1119D	2019-20						
15.	Solid State Physics-III (Physical Properties of Solid)	CC-1120D	2019-20						
16.	Solid State Physics-IV (Energy Conversion and Storage Devices)	CC-1121D	2019-20						



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