

## KHANDELWAL COLLEGE

## of Management, Science & Technology, Bareilly

Awarded as "Top Education Brand Northern India"





Semester Wise Subjects in the Entire Curriculum as per NEP 2020

Affiliated to M.J.P Rohilkhand University, Bareilly

## **M.Sc Physics 1st Year**

M.Sc Physics 1st Semester (ODD)	M.Sc Physics 2nd Semester (ODD)
1 Mathematical Physics	1 Atomic & Molecular Spectroscopy
2 Classical Mechanics	2 Statistical Mechanics
3 Quantum Mechanics 1	3 Solid State Physics
4 Electronic Devices	4 Physics of Nanoscale Materials
5 Practical Lab 1	5 Practical Lab 2
6 Industrial Training / Research Project / Survey	6 Industrial Training / Research Project / Survey
7 Computer Programming C & MATLAB	

## **M.Sc Physics 2nd Year**

M.Sc Physics 3rd Semester (ODD)	M.Sc Physics 4th Semester (EVEN)
1 Nuclear Physics 1	1 Quantum Mechanics 2
2 Electromagnetics Theory	2 Nuclear Physics 2
3 Master Dissertation	3 Master Dissertation
4 Analog Communication System	4 Electronics 2 : Digital Electronics & Microprocessors
OR	OR
Condensed Matter Physics 1	Condensed Matter Physics 2
5 Advanced Solid State Physics	5 Classical Electrodynamics & Plasmas
OR	OR
Lasers & Fiber Optics	Modern Communications Electronics
OR	OR
Atmospheric Physics & Space Science	Materials Science & Energy Devices
6 Practicals	6 Practicals

Campus: KCMT Puram, 14th km. Kalapur Pilibhit Road Near Rithora, Bareilly (U.P.) Post - Izzatnagar - 243122 Head Office: 2 & 3, Janakpuri, Opp. Ram Janki Mandir, Bareilly - 243001 | Ph: 0581-2300486

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