

## **B.Sc. PCA**

1. In **Mechanics and Properties of Matter**, in Unit 1 Laws of Static friction has been included and reduced mass problems have been moved from unit 1 to unit 2.
2. In **Mathematical Physics** paper, Unit 3 is changed with topics included from special function along with some deletions.
3. Unit 1 of **Quantum Mechanics** paper is included with topics on Rutherford Atomic Model and Bohr's Atom Model.
4. Non-Semester Practical Examination has been changed to Semester wise Practical Examination with minimum of eight experiments in each semester.
5. Value added programs are to be conducted every semester. For B.Sc. PCA Certificate program on **Working with Advance Excel** has been completed. Certificate Programs on Artificial Intelligence, Python Program, Problem Solving for Competitive Examination.
6. As suggested by the subject expert, Dr. R. Rajakumari, the order of experiments is revised in the practicals of B.Sc. (PCA).
7. In unit II of **Quantum Mechanics**, the topic Photoelectric Effect and Double Slit Experiment is to be included as suggested by Prof. K. Ravichandran.
8. Under the guidance of subject experts, the following papers will be known us  
Discipline Specific Elective I – Atomic Physics / Biophysics/Applied Physics  
- VI Semester  
Discipline Specific Elective II – Microprocessor Fundamentals / Physics of Materials / Introduction to Astrophysics and Astronomy –VI Semester  
Open Elective Paper I – Space Science / Optics and Photonics / Integrated Electronics - V Semester  
Skill Enhancement Course (SEC I) – Basic Electronics – Semester II  
Skill Enhancement Course (SEC II) – Optics – Semester IV

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Kindly implement following changes for B.Sc. Physics with Computer Applications for Batches 2020-2023 and 2021-2024:

1. In Semester V, Discipline Specific Elective I - Integrated Electronics has to be changed as Open Elective Paper I - Integrated Electronics.
2. In Semester VI, Core Paper X - Atomic Physics has to be changed as Discipline Specific Elective I - Atomic Physics / BioPhysics / Applied Physics

**Head i/c**

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