

**Shri Vidya Vikas Mandal's**  
**Shri Sant Damaji Mahavidyalaya Mangalwedha**

**Student Performance and Learning Outcomes:**

Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are

**Programme Outcomes:**

**B.A.**

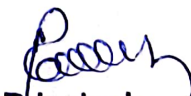
1. The Graduates students acquire knowledge in the field of social sciences, literature, language and humanities which make them capable and eligible as their career in higher education institutions.
2. The B.A. graduates will be acquainted with the social, economic, historical, geographical, political, ideological and philosophical thinking and analyse the real world.
3. Empowers the graduates to appear for various competitive examinations like MPSC, UPSC, Staff selection, Banking and choose the post graduate programme of their choice.
4. After the successful complete B. A. program enables the students to acquire the knowledge with human values and ethics with living in society to deal with various problems in life with courage and humanity.
5. Programme provides the base to be the responsible citizen.

**Programme Outcomes:**

**B. Com.**

1. After completing three years for Bachelors in Commerce (B. Com) program, students would gain a thorough grounding in the fundamentals of Commerce, trade, finance, banking and accountancy.
2. The program empowers the students to appear for various competitive exams or choose a profession of their choice such as CA, ICWA, MBA, M. Com, CMA, CFA, CPA, FRM, ACCA etc.
3. The students to acquire the advanced accounting knowledge, modern management principles, retail trading, stock marketing banking and insurance transactions, business economics and financial management.
4. Students acquired skills for Marketing Manager, Selling Manager, Over all Administration abilities of the Company.
5. Graduates of commerce students also provides the base to be the responsible citizen.

  
**IQAC Coordinator**  
Shri Sant Damaji Mahavidyalaya,  
Mangalwedha

  
**Principal**  
Shri Sant Damaji Mahavidyalaya  
Mangalwedha.

# Punyashlok Ahilyadevi Holkar Solapur University, Solapur

Syllabus: For B.Sc. III Physics  
(CBCS Pattern)

Choice Based Credit System (CBCS) Pattern  
To be implemented from Academic Year 2021-22

## 1. Preamble:

Bachelor of Science (B.Sc.) in Physics is the course disseminating knowledge of the subject from fundamental concepts to state-of-technologies. Indeed, the curriculum encompasses knowledge of various themes such as Mathematical Physics, Classical Mechanics, Atomic & Molecular Physics Materials Science, Quantum Mechanics, and Electronics etc. The Choice Based Credit System (CBCS) is implemented for this course. Out of 4 theory papers, in each semester, 3 papers are of core. However, students have to opt one paper from DSE papers. Also one Add on Skill enhance course is included as SEC. In the practical course of 400 marks there are compulsory experiments for practical course IV, V, VI and VII (Project/ Internship). Moreover, project work is also mandatory in curriculum at last semester to ensure better practical knowledge and hence better job opportunities in Research & industrial sector. The details are mentioned in the syllabus.

## 2. Objectives of the course:

The aim of the course is to generate trained manpower with adequate theoretical and practical knowledge of physics domain. Due care is taken to inculcate conceptual understanding in basic phenomena, materials, appropriate practical skills suitable for research and industrial needs. Objectives are

- To design the syllabus with specific focus on key Learning Areas.
- To equip student with necessary fundamental concepts and knowledge base.
- To develop specific practical skills.
- To impart training on circuit design, analysis, building and testing.
- To prepare students for demonstrating the acquired knowledge.
- To encourage student to develop skills for accepting challenges of upcoming technological advancements.

## 3. Nature of theory question paper

The nature of theory question paper is as per university common mode


1.Total Marks 80.

Q. 1 Multiple choice questions (One mark each)	16
Q. 2 Short answer question (Any eight)	16
Q. 3 A Short answer question (Any four)	12
B Short answer question (one compulsory)	04
Q. 4 Short answer question (Any four)	16
Q. 5 Long answer question. (Any two)	16

OR

Q. 5 Answer the following.	16
A.	
B.	

## 5. Distribution of Practical Marks (400):

  
Principal  
Shri Sant Damagi Mahavidyalaya  
Manolwedha.

