

ANDHRA UNIVERSITY

PROGRAM PROJECT REPORT

Bachelor of Science (B.Sc.)



School of Distance Education

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Bachelor of Science (B.Sc.)

1. INFORMATION ON RELEVANCE OF PROGRAM :

Introduction:

Andhra University is offering B.Sc. program to develop a strong foundation for the students in the different areas of Science.

Objectives of the program:

- To build a strong attitude in the minds of students to work efficiently and effectively
- Have exposure of complex Mathematics, Physics & Computer courses

2. INSTRUCTIONAL DESIGN:

Eligibility & Admission Criteria:

10+2

Medium and Method of instruction:

The medium of instruction shall be in English. The method of instruction shall comprise print and face to face interaction.

Course Material: Comprehensive printed course material, specially designed for self-study, shall be provided to every learner, Softcopy of the Self Learning Material (SLM) in both English and Telugu medium will be supplied to all the learners after confirmation of admission. In addition to the course material, the learners are required to read suggested textbooks and articles published in journals.

Academic Counseling: Face-to-face classes are conducted at designated centres in all programs to enable the learners to have interaction with resource persons for clarification of doubts.

Examinations:

Each paper carries 70 marks end theory examinations and 30 marks internal assessment in the form of assignments. Exams are conducted at different affiliated colleges of the University by sending observers from University

Duration: The duration of each theory examination shall be three hours.

3. PROCEDURE OF EVALUATION

The theory papers of end examinations will be evaluated by different faculty members drawn from University and affiliated colleges.

Internal Evaluation:

Internal evaluation shall be made on the evaluation of the assignments submitted by the learners for 30 marks.

Reappearance:

A learner who has fails in any theory paper of any year shall have to reappear for the examination of that course in the following end examinations.

Betterment:

1. Learners who have passed in all the courses of a program and who have obtained a Pass or SecondClass are eligible for attempting for Betterment of Grades.
2. Learners who have already secured a First Class are not eligible for betterment of Grade.
3. Betterment of Grades is permitted only once and that too within two years of passing.
4. Learners can appear for betterment of all papers in a year.
5. New Marks list / Provisional Certificate shall be issued to candidates who have improved their Class aftersubmitting the old Marks List/Provisional Certificate only.

4. Eligibility for the Award of Bachelor of Science (B.Sc.) Degree:

Duration of the program:

The course of study for B.Sc. Program through Distance Learning shall be extended over aperiod of three academic years. However, a learner may complete the program in not more than six years including the study period.

A learner shall be eligible for the award of B.Sc., if he/she fulfils the following conditions.

- Registered and successfully completed all the courses.
- Successfully acquired the minimum required marks as specified in the curriculum.
- The learners should not have any dues to the University, and
- No disciplinary action is pending against the learner.

5. GENERAL INSTRUCTIONS:

The academic regulations should be read as a whole for purpose of any interpretation.

- In case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice Chancellor is final.
- The University may change or amend the academic regulations, scheme of instructions and syllabus at any time and the changes and amendments made shall be applicable to all the learners with effect from a date notified by the University.

6. **FEE STRUCTURE:** Rs. 6,400/- tuition fee per year

7. **COURSE STRUCTURE:**

First Year Courses

Paper 1: English Language
Paper 2: Telugu/Hindi/Sanskrit
Paper 3: Foundation course
Paper 4: Computer Course : Introduction to Computers
Paper 5: Mathematics: Differential equations & Solid Geometry
Paper 6: Physics - Mechanics, Waves and Oscillations
Paper 7: Computer Science : PC Software and "C" Programming

Second Year Courses

Paper 1: English Language
Paper 2: Telugu/Hindi/Sanskrit
Paper 3: Environmental Studies
Paper 4: Mathematics: Abstract Algebra & Real Analysis
Paper 5: Physics - Thermodynamics and Optics
Paper 6: Computer Science: Object Oriented Programming with Java and Data Structures
Paper 7: Computer Course : Office Automation Tools

Third Year Courses

Paper 1: Foundation Course II
Paper 2: Mathematics : Linear Algebra & Vector Calculus
Paper 3: Mathematics: Numerical Analysis
Paper 4 : Physics - Electricity, Magnetism and Electronics
Paper 5: Physics - Physics: Modern Physics
Paper 6 : Computer Science :(Database Management Systems)
Paper 7: Computer Science : Operating Systems