

PANDIT SUNDARLAL SHARMA (OPEN) UNIVERSITY

CHHATTISGARH, BILASPUR

PROGRAMME PROJECT REPORT (PPR)

B.Sc. (Bio.) BOTANY, ZOOLOGY, CHEMISTRY

a) Programme mission and objectives:

- i. To provide knowledge about anatomy of Plant and Animal Kingdom.
- ii. To conserve and protect the bio-diversity in addition to medicinal wealth.
- iii. To enhance the traditional knowledge related to useful properties of the medicinal plants found in forests making capability of the learners in relation to yield these plants for further research and development in health sector and pharmaceutical industry
- iv. To understand the concept of chemical sciences and applied theoretical as well as practical knowledge to build a reputed career.
- v. The overall objective of the programme is to encourage and boost the learners towards post graduate programme and scientific visualization.

b) Relevance of the Program with HEI's Mission and Goals: The University is committed to endow with assured quality of scientific education for learner's of remote areas where regular form of education cannot reach. In the line of the mission of the University, this programme provides ample opportunities to those rural and backward learners who are deprived of Biosciences education.

c) Nature of Prospective Target Group of Learners: The prospective learners can be 10+2 students of science background.

d) Appropriateness of programme to be conducted in Open and Distance Learning mode to acquire specific skills and competence: Bachelor of Science [Botany, Zoology, Chemistry] is one of the suitable programme to be offered through Open and Distance Learning mode. The theory and practical knowledge can be thoroughly captured by the learners to acquire the capability which will make them trained for self-employment as per the market demand.

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e) Instructional Design:

i. Duration and Credit: This programme has duration of three years although student may complete the programme gradually within a maximum period of six years. The programme has weightage of 111 credits. In this programme the student has to study 6 Courses of 37 credits in each year. Counselling sessions are scheduled on daily basis and Contact classes are arranged for every course at the headquarter and at the study centres, where the students can solve their difficulties.

ii. Medium: The course material for B.Sc. programme is in Hindi language. However, students can opt either English or Hindi language in the examinations.

iii. Course Structure:

CURRRICULUM	I Year	II Year	III Year	TOTAL
TITLE (A). Foundation Course				
Hindi Language	05	05	05	15
English Language	05	05	05	15
Environment Education (No credit but compulsory to pass in First Year)	-	-	-	-
(B). Elective Course				
Chemistry Paper-1 Paper-2 Paper-3 Practical	09	09	09	27
Botany Paper-1 Paper-2 Practical	09	09	09	27

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Zoology	09	09	09	27
Paper-1				
Paper-2				
Practical				
TOTAL	37	37	37	111

iv. Learning Method: The learning method developed by university comprise of independent form of delivery and constitutes the following components:

- Self-Instructional text books (Self Learning Materials).
- Counselling and contact sessions at the study centre by the subject experts.
- Students Assignment.

v. Means of Delivery: The students are given the syllabus of the courses and also the Self learning material. It helps the students to study a specific topic. If the student has any difficulty he or she can make a note of it. They can discuss these noted difficulties with the counsellor during the counselling session and contact classes at the headquarter or at the study centre.

vi. Requirement of Faculty and Support Staff: Department of Biosciences in the headquarter is presently under head-in-charge of other determinant faculty member. Supporting staff will be deputed at the study centres as per need of the course curriculum.

f) Procedure for admissions, curriculum transaction and evaluation:

i. Procedure of Admission: The admission for this programme is on yearly basis (or as decided by the University from time to time). All the admissions for this programme is done through online mode. The minimum eligibility for admission in this programme for the candidates is having passed 10+2 examination from Chhattisgarh Board of Secondary Education, Chhattisgarh or any other equivalent examination of a board recognized by Pt. Sundarlal Sharma (Open) University Chhattisgarh.

ii. Curriculum Transaction: For successful completion of the programme, a candidate has to obtain minimum pass grade of 'P' (i.e.,33%).

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iii. Evaluation Pattern: The weightage for internal and external evaluation is in the ratio of 30:70. The pattern of evaluation for each paper has following three components:

a) Continuous Assessment through Tutor Mark Assignment: For each paper in every year the student's performance is continuously evaluated. Continuous assessment schedule and evaluation is done by the Headquarter or by the Study Centre which is monitored by the concerned department. The students have to submit Tutor Mark Assignment (TMA) carrying 30 marks before the Term end examination (TEE) which is the base of evaluation.

b) Practical/Viva Voce: Evaluation of this component is based on practical work submitted by the students with viva-voce. Viva-voce is conducted in the presence of an external examiner.

c) Term End Examination (TEE): Term End Examination (TEE) of each paper is of 70 marks and is on subjective as well as objective mode. The pattern of the question paper (at present) is as under:

Section	Total No. Of Questions	Type of Questions
A	8(All Compulsory Questions)	Objective Type
B	6(4 Should be answered)	Very short type
C	4(3 Should be answered)	Short type
D	4 (2 Should be answered)	Semi long type
E	2(1 Should be answered)	Long type
TOTAL	24 (18 Should be answered)	

d) University Fee Structure:

Particulars	Year I	Year II	Year III	TOTAL
Yearly Fees	5600	5600	5600	16800

g) Requirement of the laboratory support and Library Resources: Complete lab setup and facilities are available at the headquarter and at the study centres. Resources in the form of reference books and journals are

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made available to the student in the University Central library and libraries of every study centre which they can access for gaining knowledge.

h) Cost estimate of the programme and the provisions: For the design, development delivery and maintenance of the programme the fund will be as per the budget allocated by the University in its Annual Budget session.

i) Quality assurance mechanism and expected programme outcomes: The monitoring of the programme is done on continuous basis by the concerned department. Regular updating of the curriculum and syllabus is checked by the concerned Board of Studies and regular monitoring is done by Centre for Internal Quality Assurance (CIQA) cell of the University.

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