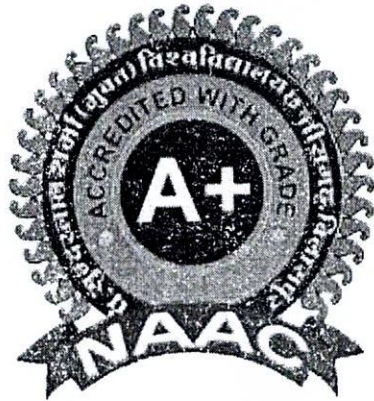


PANDIT SUNDARLAL SHARMA (OPEN) UNIVERSITY

CHATTISGARH BILASPUR

Koni-Birkona, Bilaspur Chhattisgarh- 495009



PROGRAMME PROJECT REPORT (PPR)

PROGRAMME: MASTER OF SCIENCE (BOTANY)

M.Sc. (Botany)

TWO YEAR POST GRADUATION PROGRAMME

By
Shikha S
3.10.25

Ash
03/10/25

Dill
03/10.25

S. R. S.

PANDIT SUNDARLAL SHARMA (OPEN) UNIVERSITY CHHATTISGARH

PROGRAMME PROJECT REPORT (PPR)

MASTER OF SCIENCE [BOTANY]

a) Programme mission and Objective:

The program of M.Sc. (Botany) is delivered through distance mode to encourage and promote the scientific temperament in the learners to meet the growing demands and challenging trends in the contemporary scenario. The program focuses on the inclusive development of the learners to face the competitive world. The objectives of the program are as follows:

- To understand the scope and implication of the discipline.
- To imbibe curiosity towards nature through the living flora.
- To enhance and develop a scientific attitude.
- To make the learners exposed to the diverse life forms.
- To make them skilled in practical work, experiments, laboratory equipment and to interpret correctly on biological materials and data.
- To acquaint the learners about the methods used in the maintenance of different natural resources.
- To encourage the learners to do research in related disciplines.
- To include creative thinking, innovation, inquiry and analysis, evaluation and synthesis of information.
- To develop the aptitude of the learners to transform the society through their education.

b) Relevance of the programme with HEI's mission and goals:

Pt. Sundarlal Sharma (Open) University, Chhattisgarh is dedicated to bestow with assured quality of scientific edification for learners of remote areas where regular form of education is unreachable. In the line of the mission of the University, this programme will provides ample opportunities to those rural and backward learners who cannot find a place in regular education system and deprived of science education.

c) Nature of the Prospective target group of Learners:

The prospective learners can be graduate learners of Life Science faculty (with Botany as a subject)

Prof. Dr. S. K. Sharma
03.10.25
Cde. V. P. (Wani)
Dept. of Botany
Govt. E. R. R. P. G. College
Bilaspur

Dr. S. K. Sharma
03/10/25

d) **Appropriateness of programme to be conducted in Open and Distance Learning mode to acquire scientific skills and competence:** Botany is one of the suitable course programme to be offered through Open and Distance Learning mode. The theoretical as well as practical knowledge can be thoroughly gained by the learners to acquire the capability which will make them trained for self-employment as per the market demand.

e) **Instructional Design:**

- i. **Duration and credit:** This program has duration of two years, although learners may complete the program gradually within a maximum period of 4 years. The program has weightage of 80 credits in this program the learners has to study course of 40 credit point in each year. Contact session of every course will be arranged at the headquarter and Study Centre where the learners can solve their queries.
- ii. **Medium:** The course material for M.Sc. program will be in English language however a learners can opt for both English and Hindi language for answering the questions in the examination.
- iii. **PROGRAMME STRUCTURE: M.Sc. (Botany)**

YEAR	COURSE-CODE	COURSE TITLE	CREDIT
PREVIOUS YEAR	MSC-BOT-01	Biology and diversity of Bacteria, Virus and Fungi	08
	MSC-BOT-02	Phycology and Bryology	08
	MSC-BOT-03	Pteridophytes and Gymnosperm	08
	MSC-BOT-04	Biology and Diversity of Angiosperm	08
	LBT-01	Practical-01 (Based on Course I and II)	04
	LBT-02	Practical-02(Based on Course III and IV)	04
FINAL YEAR	MSC-BOT-05	Plant anatomy and Embryology of Angiosperm	08
	MSC-BOT-06	Cytology, Molecular biology and Biotechnology	08
	MSC-BOT-07	Plant Physiology and Biochemistry	08
	MSC-BOT-08	Plant Ecology, Plant Resource Utilization and Conservation	08
	LBT-03	Practical-03 (Based on Course I and II)	04
	LBT-04	Practical-04(Based on Course III and IV)	04
OPTIONAL COURSE	OR (Instead of Lab-III and Lab-IV only)		
	MSC-BOT-DES-01	Dissertation	08
		TOTAL	80

[Handwritten signature]
[Handwritten signature]
 03.10.25

[Handwritten signature]
 03/10/25

iv) However, course structure/content is subject to change as per Board of Studies recommendations from time to time.

a) Dissertation-

1. Dissertation will be an optional paper which can be opted by the learners only if he/she scores 60% or above in the Previous year.
2. Offline/Online Classes will be held for 30 days (excluding holidays and sundays) in which 75% of total attendance will be mandatory.
3. UTD shall be the Centre for Dissertation in which Regular & Guest Faculties with Ph.D. shall act as the Supervisor of the Dissertation.

v) Learning method: The learning method developed by University will comprise of independent form of delivery and will constitute the following components.


- (a) Self-instructional textbook (self-learning materials).
- (b) Counselling and contact session at the study center by the subject expert.
- (c) Preparing the learners assignment

vi) Means of delivery: The learners are given the syllabus of the courses and also the self-learning materials. It helps the learners to study a specific topic, if the learner has any difficulty, he or she can make a note of it. They can discuss these noted difficulties with the counsellor during the contact session at the study center.

vii) Requirement of faculty and support staff: Faculty of science is headed by permanent faculty member, other supporting staff have been deputed at the study center, qualified teacher and other staff are already working, they will be assigned the contact classes and counselling sessions.

F) Procedure for admissions, curriculum transaction and evaluation:

I. Procedure of Admission: The admission for this programme is done yearly (January-December). All the admissions for the course will be done through online mode. The minimum eligibility for admission into this programme for the candidate is having passed graduation examination of Life Science faculty with Botany as a subject from any recognized board.


Prof


03.10.25


03/10/25
S.R.R.

II. Curriculum Transaction: For successful completion of the proposed program a candidate has to obtain minimum pass mark of 40%. Degree will be awarded on the basis of aggregate mark obtained in each year. Passing in all the year will be an essential criterion for the award of degree.

III. Evaluation Patterns: the patterns of evaluation for each course from year I to year II of M.Sc. Botany program will have following two components:

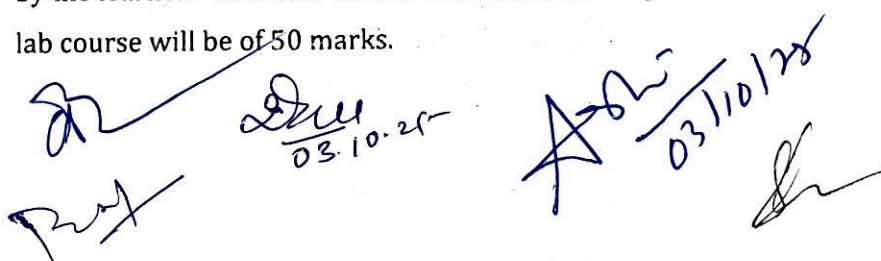
- (a) Continuous assessment through Tutor Mark Assignment (TMA) (b) Term End examination (TEE) (c) Practical

a. Continuous Assessment Through Tutor Mark Assignment (TMA): For each course in every year the learner's performance will be continuously evaluated. Continuous assessment schedule and evaluation will be done by the headquarter and study center which will be monitored by the concerned department. The learners have to submit Tutor Mark Assignment TMA carry 30 marks before the Term End Examination (TEE) which will be the base of evaluation.

b. Term End Examination (TEE): TEE will be conducted at the end of the learning period through examinations as like other University Term End Examination (TEE) of each course will be of 70 marks the question in the examination will comprise of objective types, very short type, short type, semi long type and long type answer the structure of the examination is as under:

Section	Total No. or Question	Types of Question
A	8 (All Compulsory Question)	Objective types
B	6 (4 Should be answered)	Very Short Type
C	4 (3 Should be answered)	Short type
D	4 (2 Should be answered)	Long type
E	2 (1 Should be answered)	Very Long type
TOTAL	24 (18 Should be answered)	

c. Practical/Viva-voce: Evaluation of this component is based on practical work submitted by the learners with viva-voce is conducted in the presence of an external examiner. Each lab course will be of 50 marks.



 Prof. [Signature] 03.10.25

 [Signature] 03/10/25

 [Signature]

d. **University Fee Structure:** Fee structure of course is per University Norms.

g) **Requirement of the laboratory support and library resources:** Laboratory is required for this course. Resources in the form of reference books and journals will be made available to the learners in the University Central library of study center, 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 total cost will be met from the budget allocated by the University in its Annual budget session.

i) **Quality assurance mechanism and expected programme outcomes:** The monitoring of the programme will be done on continuous basis by the department concern. Regular updating of the curriculum and syllabus will be checked by the concerned board of studied and regular monitoring will be done by center for Internal Quality Assurance (CIQA) of the University. Learners will be asked to provide their feedback on continuous basis to develop suitable action plans for the programme and will be duly incorporated into the teaching and delivery system.

Prof



Dr. J. J.
03.10.25



Asst. Prof.
03/10/25