

**GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY**  
**Accredited by NAAC (RAF-2017) with A+ Grade (CGPA: 3.38/4.00)**  
**Affiliated to Adikavi Nannaya University, Rajahmundry**  
**DEPARTMENT OF BOTANY**

**Minutes of the Board of Studies Meeting of U.G. Botany (Major) for 2025-26 A.Y.**

The Board of Studies meeting of the Department of Botany was convened at 10:00 AM on 15<sup>th</sup> September 2025 in the staff room of the department under the chairmanship of Dr. A. Srinivasa Rao, Lecturer In-Charge of the department.

The following members were present:

S. No.	Name and designation of the BoS member	Role assigned in BoS
1	Dr.A.Srinivasa Rao, In-charge of the Dept.	Chairman
2	N.Nageswara Rao, Lecturer	Member
3	M.V.V.Satyaveni, Lecturer	Member
4	K.Gani Raju, Lecturer	Member
5	Dr.K.Nagendra Prasad, Lecturer	Member
6	B.Raja Rajeswari, Contract Faculty	Member
7	Dr.R.Venkatesh, Contract Faculty	Member
8	Dr.P.Prayaga Murthy, Lecturer in Botany, G.D.C., Yeleswaram, Kakinada Dist.	University Nominee
9	Dr.J.J.Rajappa, Scientist, NIRCA, Rajahmundry	Industry Expert
10	Dr.P.Swamy Naidu, Lecturer in Botany, Dr.V.S.Krishna College (A), Rajahmundry	Subject Expert
11	Dr.E.Sreedevi, Lecturer in Botany, Govt. Arts College (A), Anantapuramu, Anantapur Dist.	Subject Expert
12	Dr.P.RamaKrishna, Director, Sri Satyadeva Nursery, Kadiyam, E.G.Dt.	Special Expert
13	Dr.M.Sulakshana, Lecturer in Botany, A.S.D.College for Women (A), Kakinada, Kakainada Dist.	Alumni member

**Agenda:**

1. Design of the new curriculum w.e.f. 2025-26
2. Operation of programmes and award of certificates
3. Revision of syllabi for I year Botany programme w.e.f. 2025-26
4. Design of PLOs and CLOs for the newly revised courses.
5. Approval of Continuous Internal Assessment (CIA) and Semester End Examination (SEE) pattern w.e.f. 2025-26
6. Preparation of model question papers
7. Approval of syllabus of V semester courses
8. Approval of panel for question paper setters and examiners
9. Approval of departmental action plan for the academic year 2025–2026
10. Any other item with the permission of the chairperson.

### **Proceedings of the BoS meeting:**

The members discussed and deliberated on the above agenda items. After detailed discussions, the following resolutions were made:

#### **1. Design of the new curriculum w.e.f. 2025-26**

**Discussion:** The chairperson, Dr. A. Srinivasa Rao, initiated the discussion by emphasizing the need to revise the existing curriculum in line with the National Education Policy-2020, guidelines of UGC-2022 and APSICHE-2025. The members of the Board of Studies held an in-depth discussion on the design of the new curriculum for the Botany programme, with a focus on aligning it with the latest academic frameworks, industry relevance, and student employability. The members emphasized on promotion of conceptual understanding, critical thinking, practical skills, and research aptitude among students. All the members felt the need of revising the curriculum as per the Choice-Based Credit System (CBCS) and Learning Outcomes-based Curriculum Framework (LOCF)

**Resolution:** It was unanimously resolved to approve the design of the new curriculum in alignment with the NEP-2020 and APSICHE-2025 guidelines, incorporating recent advancements in the field of Botany and ensuring skill-based learning outcomes.

#### **2. Operation of programmes and award of certificates**

The chairman of BoS explained the guidelines of UGC and APSICHE on operation of 4 year degree programmes with flexibility to the learner based on his unavoidable personal reasons. All the members have accepted and made the following resolution.

**Resolution:** It is resolved to implement multiple entry and multiple exit pattern under a single major system w.e.f. 2025-26 admitted batch as per the guiding laws given hereunder:

- a. After completion of the first year, a student may exit with a certificate.
- b. After completion of the second year, a student may exit with an advanced diploma.
- c. After completion of the third year, the student may exit with a degree.
- d. After completion of the fourth year, the student will get an Honours Degree by Research.

#### **3. Revision of syllabi for I year Botany programme w.e.f. 2025-26**

**Discussion:** The BoS members involved in an inclusive discussion on the revision of the existing syllabi across all semesters of the Botany programme. The revision aimed to update the content in line with recent scientific developments, pedagogical advancements, and the academic framework prescribed by the UGC-2022. Suggestions from stakeholders, including students and alumni, were considered in the revision process.

**Resolution:** The syllabi for 1<sup>st</sup> and 2<sup>nd</sup> semesters of Botany were approved after a comprehensive review by BoS to make them more contemporary, interdisciplinary, and learner-centric.

#### **4. Design of PLOs and CLOs for the newly revised courses.**

**Discussion:** The Board of Studies emphasized the critical need to align the newly revised Botany curriculum with Outcome-Based Education (OBE) as recommended by the NEP 2020. All the members of BoS felt a need for supplementing the revised syllabus with clearly articulated Program Learning Outcomes (PLOs) and Course Learning Outcomes (CLOs) using action verbs based on Bloom's Taxonomy.

**Resolution:** It was resolved to map the CLOs of each course with corresponding PLOs based on a CLO–PLO mapping matrix.

## 5. Approval of Continuous Internal Assessment (CIA) and Semester End Examination (SEE) pattern w.e.f. 2025-26

**Discussion:** The chairman of BOS informed the members about the Standard Operating Procedure (SOP) customized by the college on both CIA and SEE.

**Resolution:** It is unanimously resolved to follow CIA and EE pattern given below.

1. Conduct of CIA for 50 marks and Semester End Examination (SEE) for 50 marks for all courses as per the SOP designed by the academic cell of the institution.

Assessment: CIA for each course will be done as follows:

S.No.	Component of CIA	Marks allocated
1	CIA-I: Off-line examination (after completion of 50% syllabus)	20
2	CIA-II: Online examination	10
3	Attendance (Above 95% -5; 91% to 95% -4; 86% to 90% -3; 81% to 85% -2; 75% to 80% -1; below 75% - 0 marks)	05
4	Pedagogical Strategies:	
	a. Assignments	05
	b. Participation or paper presentation in student seminars /Workshops/Group Discussions/ Quiz/Student Study Project/Field Visit/Surve	05
	c. Clean and Green	05
<b>Total marks for CIA =</b>		<b>50</b>

**Note:** The minimum passing mark for both internal and external exams individually is 18 marks (or 36%). However, a student has to score at least 40 out of 100 overall (which is 40%) in each and every course.

2. Blue print for question papers in Semester End Examination for I year w.e.f. 2025-26:

Unit No.	SECTION-A (Long Answer Question)			SECTION-B (Short Answer Question)		
	To be given from Each Unit	To be answered	Marks allocated	To be given from Each Unit	To be answered	Marks allocated
1	(a) or (b)	Five, one from each unit in the course.	7	2	Any five (05) questions	3
2	(a) or (b)		7	2		3
3	(a) or (b)		7	2		3
4	(a) or (b)		7	2		3
5	(a) or (b)		7	2		3
<b>Total</b>	<b>10</b> questions with internal choice	<b>05</b> (one from each unit)	<b>35</b>	<b>10</b> (two from each unit)	<b>05</b>	<b>15</b>

3. The CIE and SEE pattern will be same for students of II year (2024-25 admitted batch) and III year (2023-24 admitted batch) students of Botany Major programme as approved in BoS meetings of earlier Academic Years i.e. 2023-24 and 2024-25.

## 6. Preparation of model question papers:

**Discussion:** The BoS discussed on assessing conceptual understanding, application of knowledge, problem-solving skills, and creativity of the students with a structured question paper. It emphasized a shift from memory-based questions to those that evaluate higher-order thinking.

**Resolution:** It was resolved to incorporate competency-based assessment, Bloom's Taxonomy, and Outcome-Based Education frameworks in the question papers of semester end examinations. Further, the question papers of both CIA and SEE must align with CLOs and PLOs to achieve the realistic Performance Indicators (PIs) of the learner.

### **7. Approval of syllabus of V semester courses**

**Discussion:** The BoS members discussed the syllabus of all the two core and the elective courses offered to the students of V semester during the 2025-26 A.Y. in view of the skills to be imparted at graduation level with clear cut outcomes.

**Resolution:** The BoS members have approved the new syllabi of both core and elective courses for the V semester students.

### **8. Approval of panel for question paper setters and examiners:**

**Discussion:** A discussion was made to finalize the list of question paper setters and examiners.

**Resolution:** The BoS members have approved the revised list of question paper setters and examiners.

### **9. Approval of departmental action plan for the academic year 2025–2026**

**Discussion:** A discussion was held regarding the academic and enrichment activities to be conducted by the department. All members unanimously agreed on the importance of organizing co-curricular and extra-curricular activities to enhance students' understanding of the courses offered. Subject experts suggested that eminent personalities from the relevant subject areas be invited as resource persons. This initiative would help students gain deeper insights into emerging and thrust areas in their field of study. The members also recommended organizing national and state-level conferences and seminars. These events would contribute to faculty capacity building and provide academic exposure to both undergraduate and postgraduate students of the department.

**Resolution:** All the members of the BoS have approved the departmental action plan for the Academic Year 2025-26.

### **10. Any other item with the permission of the chairperson.**

**Discussion:** The subject experts orated on strengthening the laboratories by procuring the necessary equipment to provide practical skills to the students. The members also felt a dire need to have a good plant tissue culture laboratory for research by faculty members and students. Further deliberations and discussions took place on development of a good botanic garden with RET species from the Eastern Ghats and other parts of the country. The members of BoS also discussed about imparting skills to students opted for Organic Farming (Honours) programme by inviting experts and by conducting field based trainings. **Resolution:** All the members of the BOS have approved to prepare a comprehensive plan and to submit it to the higher authorities of the college for strengthening the laboratories and to establish a good plant tissue culture laboratory. It is collectively resolved by all members to increase the diversity of plant species in the botanic garden with necessary support from the higher authorities of the college in a phased manner and an ingenious way. It is resolved to invite experts to organize hands on trainings to students of Organic Farming (Honours) programme.