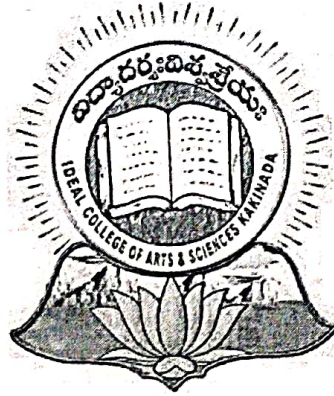


IDEAL COLLEGE OF ARTS AND SCIENCES
(Autonomous & NAAC B)
Dr. P.V.N. RAJU VIDYAPRANGANAM
KAKINADA

BOARD OF STUDIES

2023 – 2024



DEPARTMENT OF BOTANY

IDEAL COLLEGE OF ARTS & SCIENCES: KAKINADA

(Autonomous & NAAC B)

Dr. P.V.N. Raju Vidyaprananam

Department of Botany
Members of Board of Studies

The Board of Studies for the Department of Botany is constituted with the following members

S.No. Members Present

1. Ms. D.Durga Bhavani HOD Chairman

Adikavi Nannava University Nominee

2. Smt P.Sara,
Lecturer In Botany,
Govt. Degree College, Ramachandrapuram
Mobile : 7386379223
E.Mail : sharagiridhar@gmail.com

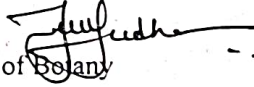
P. S.
14/10/23

Members of Other University (Subject Experts)

3. Smt. G.R.N.S. Sujatha
Lecturer in Botany,
Dr.V.S. Krishna Govt. Degree College, Visakhapatnam
Mobile : 8897047672
E.Mail : sujathagaganam@gmail.com



4. Dr. J.V. Sudhakar
Asst. Professor & HOD, Department of Botany
Dr. S.R.K.Govt. Arts College, Yanam
UT of Puducherry
Mobile : 9244214784
E.Mail.: jvsbsificus@gmail.com



Member of Industry / Scientific Organisation

5. Smt P.Swathi,
Asst. Director, Biological Control Laboratory,
Department of Agriculture, Kakinada
Mobile : 9848350962
E.Mail : swathijaladi3002@gmail.com

Alumni Member

6. Ms. M.Ratna Jyothi
Lecturer in Botany,
V.S.M.P.G.College, Ramachandrapuram
Mobile : 7675033468

M. Ratna Jyothi

Student Members

7. J. Ramya	III BZC (E.M)	Roll No. 2210402534
8. R. Mohan Bala Kumar	III BZC (E.M)	Roll No. 2210402520
9. D.L.N.S. Narayana	II BZC (E.M)	Roll No. 2220402505

IDEAL COLLEGE OF ARTS AND SCIENCES

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Dr. P.V.N. RAJU VIDYAPRANGANAM

Samalkot Road – Kakinada

DEPARTMENT OF BOTANY 2023 - 2024

Resolutions

1. The members present discussed the syllabus relating to all semesters including Practical in Botany and proposed the following resolutions
2. Resolved to adopt revised Adikavi Nannaya University Syllabus drawn as per UG Course structure CBCS pattern w.e.f. 2020-2021 admitted batch.
3. Resolved to approve the syllabus and the model question papers for the II Semester (Minor) (syllabus for the II semester Recommended by APSCHE along with upgradation of the syllabus, additional inputs and change in the syllabus for the admitted batch 2023 - 2024).
4. Resolved to approve the syllabi and the model question papers (with upgradation of the syllabus, additional inputs and change in the syllabus) for the I, II, III, IV & V Semesters.
5. Resolved to approve the Practical syllabus and model papers for the I, II, III, IV & V Semesters
6. Resolved to follow the following pattern for Examinations.
 - a) The syllabus of each paper is divided into two semesters each paper has 40% internal and 60% Semester for I, II, III & IV semesters.
 - b) The syllabus of each paper is divided into two semesters each paper has 30% internal and 70% semesters for V semester.
 - c) During each semester two Internal Examinations for each paper will be conducted as per schedule.
 - d) The Internal evaluation is allotted as 5 Marks for attendance, 20 Marks for Internal Examination and 15 marks for Project / Co-curricular activities.
 - e) Average of the two Internal Examinations will be considered. Absentee will be awarded zero marks.
 - f) Resolved to introduce 2 marks questions for V semester as per the APSCHE. Model paper given
 - g) Resolved to approve internship for VI Semester
 - h) The minimum pass mark for External Examination is 35%, Candidate should get a total of 40 marks in Internal and External examination put together.
 - i) Practical examination I, II, III, IV & V will be conducted at each Semester end for 50 marks with duration of 3 hours. They shall be conducted by two Internal examiners on odd semester and with one Internal and one External examiner on even semester.
7. Resolved to approve the Panel of paper setters and examiners as appended herewith.
8. Resolved to approve the Skill Development course on Plant Nursery in 1st semester as per APSCHE.

9. Resolved to approve the Skill Development course on Fruit and Vegetable Preservation in 2nd semester as per APSCHE
10. Resolved to approve the Certificate course on HERBAL TECHNOLOGY in 2nd semester for B.A, B.Com, B.Sc. Students.
11. Resolved to approve Action plan for the year 2023 - 2024
12. Resolved to approve the Departmental activities for the year 2023 - 2024.
13. Resolved to authorize the Chairman, Board of Studies to take up all the necessary steps for utilization of the syllabi to be implemented from the Academic year 2023 - 2024 and also authorized to adopt any changes made in the middle of the academic year, by the University, APSCHE and other exigencies in consultation with the Controller of Examinations if necessary.
14. Improve methods of Teaching Learning.
15. To discuss on research, teaching extension and other academic activities in the department.
16. To discuss about the introduction of new courses / Restructured courses.
17. Implementing ICT Class
18. To Prepare of E-content in teaching and learning material.
19. To carry out extension activities for all students.
20. To have MOU with institutions/ organizations / NGO/ Corporate and Pvt. Firms etc..
21. To attend FDP for upgrading / empowering the faculty

Members :

S.No.	Members Present	HOD	Chairman
1.	Ms. D.Durga Bhavani		

Adikavi Nannaya University Nominee

2. Smt P.Sara,
Lecturer Incharge of Botany,
P.R.Govt. Degree College(A), Kakinada
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Sujatha

J.R. Sudhakar

Member of Industry / Scientific Organisation

5. Smt P.Swathi,
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- | | | | |
|----|---------------------|---------------|---------------------|
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DEPARTMENT OF BOTANY 2023 - 2024 COURSE STRUCTURE AND SYLLABUS

S. No.	Semester	Title of the Course (Paper)	Hours /week	Max. Marks (SEE)	Marks in CIA	Credits
1.	Sem.-I Course-1	Introduction To Classical Biology	03	60	40	03
	Course-1 Practical	Introduction To Classical Biology	02	Max. Marks-50 Internal assessment at Semester end		01
2.	Sem.-II Course-2	Non-Vascular Plants	03	60	40	03
	Course-2 Practical	Non-Vascular Plants	02	Max. Marks-50 External assessment at Semester end		01
3.	Sem.-III Course-3	Anatomy and Embryology of Angiosperms, Plant Ecology and Biodiversity	04	70	30	03
	Course-3 Practical	Anatomy and Embryology of Angiosperms, Plant Ecology and Biodiversity	03	Max. Marks-50 Internal assessment at Semester end		02
4.	Sem.-IV Course-4	Plant Physiology and Metabolism	04	70	30	03
	Course-4 Practical	Plant Physiology and Metabolism	03	Max. Marks-50 External assessment at Semester end		02
	Sem.- IV Course- 5	Cell Biology, Genetics and Plant Breeding	04	70	30	03
	Course-5 Practical	Cell Biology, Genetics and Plant Breeding	03	Max. Marks-50 External assessment at Semester end		02

P.S.

5.	Sem.- 6A	Plant Propagation	04	70	30	03
	6A Practical	Plant Propagation	03	Max. Marks-50 External assessment at Semester end		02
	Sem.- 7A	Seed Technology	04	70	30	03
	7A Practical	Seed Technology	03	Max. Marks-50 External assessment at Semester end		02
	Sem.- 6B	Vegetable Crops – Cultivation Practice	04	70	30	03
	6B Practical	Vegetable Crops – Cultivation Practice	03	Max. Marks-50 External assessment at Semester end		02
	Sem.- 7B	Vegetable Crops -- Post Harvest Practice	04	70	30	03
	7B Practical	Vegetable Crops – Post Harvest Practice	03	Max. Marks-50 External assessment at Semester end		02
	Sem.- 6C	Plant Tissue Culture	04	70	30	03
	6C Practical	Plant Tissue Culture	03	Max. Marks-50 External assessment at Semester end		02
	Sem.- 7C	Mushroom Cultivation	04	70	30	03
	7C Practical	Mushroom Cultivation	03	Max. Marks-50 External assessment at Semester end		02
	Sem.- 6D	Gardening Landscaping	04	70	30	03
	6D Practical	Gardening Landscaping	03	Max. Marks-50 External assessment at Semester end		02
	Sem.- 7D	Agro Forestry	04	70	30	03
	7D Practical	Agro Forestry	03	Max. Marks-50 External assessment at Semester end		02
6	Semester	Internship		200 Marks		12

[Signature]

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M. Ratanjyoti