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**ST ALOYSIUS COLLEGE (AUTONOMOUS)**  
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Re-accredited by NAAC with 'A' Grade with CGPA 3.62/4  
Ranked 95 in College Category - 2021 under NIRF, Ministry of Education, Government of India  
Recognised as Centre for Research Capacity Building under UGC-STRIDE Scheme  
Recognized under DBT - BUILDER Scheme, Government of India  
College with "STAR STATUS" Conferred by DBT, Government of India  
Recognised by UGC as "College with Potential for Excellence"

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## **DEPARTMENT : BOTANY**

### **MINUTES OF THE BOS MEETING**

A meeting of the Board of Studies in BOTANY was held on 18 - 06 - 2022 at 10: 00 AM in X 209 (Online) to discuss the following agenda:

1. Assessment of previous semester results of BSc Botany
2. Implementation of NEP and Scrutiny of syllabus for Semester III & IV
3. Evaluation of Practical Syllabus
4. Assessment of Criteria for Internal Examination for Semester III & IV
5. Discussion of Question paper pattern for End semester Examination
6. Any Other Matter

#### **Members present:**

##### **External Members :**

Vice Chancellor nominee -

1. Dr Raju Krishna Chalannaver - Professor, Department of Applied Botany, Mangalore University, Mangalagangothri - 574199

Subject Experts -

2. Dr Giby Kuriakose - Asst Professor ,PG Dept of Botany, Sacred Heart College, Thevara , Kochi , Kerala ,India - 682013
3. Dr Vijayalaxmi C Bhat - Asst Professor, Dept of Botany, Poorna Prajna College, Udupi - 576101

Meritorious Alumnus -

4. Dr Madhumathi B. S - Programme Manager, Perfect Day India Pvt. Ltd, Electronic City, Bangalore - 100



**Internal Members :**

5. Dr Jyothi Miranda, Chairperson & HOD
6. Dr Sana Sheik
7. Ms Akshitha Ramachandra Amin
8. Vishal Moger- II BSc (BcBZ) Reg No (192802) -Student Representative

Note - Duly signed feedback forms from the External Board members is collected.

**Agenda 1: Assessment of previous year results of BSc Botany**

Discussion/Suggestions: Dr Jyothi presented the results of the previous year 2021-22 of odd semester. No clarifications were asked by the board members regarding results.

Resolution: Board members approved the results.

**Agenda 2: Implementation of NEP and Scrutiny of syllabus for Semester III & IV**

Discussion/Suggestions: Dr Giby and Dr Madhumathi asked for clarification regarding Project work for IV Semester Students regarding the evaluation pattern and topics and research areas to be included as Project work. Dr Giby also suggested that the criteria of project work assessment should be in alignment with the NAAC Criteria and OBE system. Dr Giby insisted that Programme Outcome and Aims of bachelor degree programme in botany also to be followed as per NAAC criteria and OBE system.

The following changes were suggested by the members

**III SEMESTER**

1. Course outcomes to be limited to 5 and it should be correlated to bloom's taxonomy
2. III sem Plant anatomy unit 1 –
  - a. Structure and function of root apical meristem to be shifted from unit III to Unit I
  - b. Unit II – Bignonia to be included under anomalous secondary growth & papaya root
  - c. Unit III – Significance of Anatomy to be included under introduction
  - d. Unit III – modification of gene action by growth hormones, senescence to be removed since it is related to plant physiology.
  - e. Unit IV – Interdisciplinary aspects in reproductive biology to be included
  - f. Incorporation of contribution of Prof K. R Shivanna, retain Maheshwari P and remove the rest embryologist since their contribution is in some other field.
  - g. Include pollen cell wall layer in structural and functional aspects in pollen. Pollen embryosa (nec) phenomenon to be removed.
  - h. Triple fusion to be included.
3. PRACTICALS –
  - a. Remove the examples
  - b. Practical 4 – remove the trichome, add one more type of stomata
  - c. Practical 10 and 11 – minor projects- include discussion, presentation, viva of the work for evaluation criteria.

**IV SEMESTER**



1. UNIT II – Syllabus has to be reduced- biogeochemical cycles & last part of community ecology
2. UNIT IV –
  - a. Include wild relatives of crop plants under values of biodiversity.
3. PRACTICALS –
  - a. To include relative basal area and biomass instead of relative density
  - b. To club practical 10 and 13 along with 1.

Resolution: Board members agreed to pass the NEP syllabus implemented by Karnataka state with modifications

Action Taken: Modifications approved by the board are considered

### **Agenda 3: Evaluation of Practical Syllabus**

Discussion/Suggestions: In Practical syllabus the above mentioned changes

Resolution: Board members agreed to the modification proposed.

Action Taken: Modification approved by the board are considered

### **Agenda 4: Assessment of Criteria for Internal Examination for Semester III & IV**

Discussion/Suggestions: NIL

Resolution: Board agreed to pass the assessment criteria proposed by the College

Action Taken: Approved

### **Agenda 5: Discussion of Question paper pattern for End semester Examination**

Discussion/Suggestions: Chairperson put forth question paper pattern of 2, 5, 10 marks as per software generated by the college which follows bloom's taxonomy criteria for the question paper pattern of the end semester examination, as well as practical QP Pattern

Resolution: The Board agreed to pass the question paper pattern proposed by the Chairperson.

Action Taken: Board members approved the pattern

Dr Jyothi Miranda



HEAD OF THE DEPT OF BOTANY  
ST. ALOYSIUS COLLEGE  
MANGALORE-3.

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