Department of Botany

1. Name of the Department: Botany

2. Year of Establishment: General -2008

3. Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG (General)

4. Names of Interdisciplinary courses and the departments/units involved: None

5. Annual/ semester/choice based credit system (programme wise): Annual

6. Participation of the department in the courses offered by other departments: Nil

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil

8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of Teaching posts

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professors</td>
<td>Nil</td>
<td>Nil</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>Nil</td>
<td>Nil</td>
</tr>
<tr>
<td>Asst. Professors</td>
<td>Nil</td>
<td>Nil</td>
</tr>
</tbody>
</table>

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of Years of Experience</th>
<th>No. of Ph.D. Students guided for the last 4 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prajna Maitra</td>
<td>M.Sc., Ph.D.</td>
<td>Guest lecturer</td>
<td>Plant physiology in Botany</td>
<td>34</td>
<td>Nil</td>
</tr>
</tbody>
</table>

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11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 100%

13. Student -Teacher Ratio (programme wise): 6:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG:
   Teaching faculty with Ph.D. and M.Sc. - One

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications: None
   * a) Publication per faculty
   * Number of papers published in peer reviewed journals (national / international) by faculty and students
   * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
   * Monographs
   * Chapter in Books
   * Books Edited
   * Books with ISBN/ISSN numbers with details of publishers
   * Citation Index
   * SNIP
   * SJR
   * Impact factor
   * h-index

20. Areas of consultancy and income generated: Nil

21. Faculty as members in
   a) National committees b) International Committees c) Editorial Boards: Nil
22. **Student projects**
   a) Percentage of students who have done in-house projects including inter departmental/programme: Nil

   b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil

23. **Awards / Recognitions received by faculty and students:** Nil

24. **List of eminent academicians and scientists/visitors to the department:** Nil

25. **Seminars/ Conferences/Workshops organized & the source of funding**
   a) National: Nil  
   b) International: Nil

26. **Student profile programme/course wise:**

<table>
<thead>
<tr>
<th>Name of the Course/programme (refer question no. 4)</th>
<th>Applications received</th>
<th>Selected</th>
<th>Enrolled</th>
<th>Pass percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-2014</td>
<td>-</td>
<td>-</td>
<td>08</td>
<td>00</td>
</tr>
<tr>
<td>2012-2013</td>
<td>-</td>
<td>-</td>
<td>08</td>
<td>01</td>
</tr>
</tbody>
</table>

* M = Male  * F = Female  
Admission is open to candidates with pass percentage.

27. **Diversity of Students**

<table>
<thead>
<tr>
<th>Name of the Course</th>
<th>% of students from the same state</th>
<th>% of students from other States</th>
<th>% of students from abroad</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.Sc. Gen</td>
<td>100%</td>
<td>Nil</td>
<td>Nil</td>
</tr>
</tbody>
</table>

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?** No records.

29. **Student progression**

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Against % enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>No records</td>
</tr>
<tr>
<td>PG to M.Phil.</td>
<td>No records</td>
</tr>
</tbody>
</table>
30. **Details of Infrastructural facilities**
   a) **Library:** Yes, there is a departmental library having about 20 books.
   b) **Internet facilities for Staff & Students:** No.
   c) **Class rooms with ICT facility:** N.A.
   d) **Laboratories:** Yes.

31. **Number of students receiving financial assistance from college, university, government or other agencies:** Nil

32. **Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts:** Nil

33. **Teaching methods adopted to improve student learning:** Theory with practical and field work for teaching different sort of plants.

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities:**
   Nil

35. **SWOC analysis of the department and Future plans:**

**Strength**

The department has a practical laboratory which includes different instruments and microscopes.

**Weakness**

As there is no sanctioned post for teacher, minimum students are getting admitted. Therefore, the numbers of students are few.

**Opportunity**

Botany, as a discipline, provides a lot of opportunities to its students. Application of Botany in various fields like medicine, agriculture, food products, bio-fertilizer, pathology, bio-technology gives it a good prospect

**Challenges**

To motivate more students towards this subject, in spite of faculty shortage.