Department of Electronics

1. Name of the Department: Electronics

2. Year of Establishment: General -2003

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: N.A.

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

6. Participation of the department in the courses offered by other departments: The Electronics portion (both theory and practical) of Computer Science Hons. Course and the 50 marks Electronics of Physics Hons. Course.

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>01</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>Biswanath Saha</td>
<td>M.Sc.</td>
<td>Guest lecturer</td>
<td>Electronics</td>
<td>8</td>
<td>Nil</td>
</tr>
</tbody>
</table>
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): Electronics Gen (1st year) 1:10, Computer Science (1st year) 1: 17

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 PG- 1

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: 2011 & 2013 Computer Science (3\textsuperscript{rd} year)

   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 *M</th>
<th>*F</th>
<th>Pass percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-2014</td>
<td>-</td>
<td>-</td>
<td>11 01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2012-2013</td>
<td>-</td>
<td>-</td>
<td>04 00</td>
<td></td>
<td></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></td>
</tr>
<tr>
<td>PG to M.Phil.</td>
<td></td>
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</tbody>
</table>
30. Details of Infrastructural facilities
   a) Library: Yes, there is a departmental library having about 35 books.
   b) Internet facilities for Staff & Students: Sharing with Physics department.
   c) Class rooms with ICT facility: N.A.
   d) Laboratories: Yes, well-equipped laboratory.

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: Practical realization of circuits, Extensive lab work.

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

35. SWOC analysis of the department and Future plans:

   **Strength**
   - Books enrichment
   - Lab enhanced

   **Weakness**
   - There is no Faculty in the substantive post.
   - Students have discontinued the Electronics General Course.

   **Opportunity**
   - Job market is lucrative
   - Physics dept. is supplemented by electronics

   **Challenge**
   - To attain more students for the subject.