Scottish Church College

Department of Computer Science

1. **Name of the Department**   COMPUTER SCIENCE
2. **Year of Establishment**   2003
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.**
    B.Sc. Computer Science (Honours).
4. **Names of Interdisciplinary courses and the departments/units involved**
    None.
5. **Annual/ semester/choice based credit system (programme wise)**
    Annual, 1+1+1 system.
6. **Participation of the department in the courses offered by other departments**
    Participation in teaching Computer Science (General subject) with B.Sc. Honours courses in Economics, Mathematics and Physics.
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
    None.
8. **Details of courses/programmes discontinued (if any) with reasons**
    None.
9. **Number of Teaching posts**

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors		
Contractual Whole Time Teachers (CWTT)	5	5
Part time		
Total	5	5

10. **Faculty profile with name, qualification, designation, specialization,**

(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,) (as on July 2012)

Name	Qualification	Designation	Specilization	No. of Years of Experienc e	No. of Ph.D. Students guided for the last 4 years
Manas Pal	M.Sc. M.Tech.	CWTT	Electronics & IT	4½	Not Applicable
Kakali Guhathakurta	MCA	CWTT	Computer Sc.	6½	Not Applicable
Somnath Nandy	MCA	CWTT	Computer Sc.	3	Not Applicable
Sourav Saha	M.Sc. M.Tech.	CWTT	Computer Sc.	3	Not Applicable
Sumana Mitra	M.Sc.	CWTT	Software Programming		Not Applicable

11. **List of senior visiting faculty**   NA

12. **Percentage of lectures delivered and practical classes handled**

    (programme wise) by temporary faculty   16

13. **Student -Teacher Ratio (programme wise)**   23:1

14. **Number of academic support staff (technical) and administrative staff;**

    sanctioned and filled

15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG**

    Please refer to Point No. 10 above.

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:**

    ∗   **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**

Prof. S. Nandy et.al : 'Implementation of SMS based Service Engine', INDIACOM-2012 (National conference proceedings)

20. Areas of consultancy and income generated   Nil

21. Faculty as members in

(a) National committees (b) International Committees (c) Editorial Boards….

None.

22. Student projects

(a) Percentage of students who have done in-house projects including inter departmental/programme

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

23. Awards/ Recognitions received by faculty and students

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

25. Seminars/ Conferences/Workshops organized & the source of funding

    (a)National

    (b)International

26. Student profile programme/course wise: (2009-12 batch)

Name of the Course/programme	Applications received	Selected	Enrolled			Pass percentage (with Honours)
			M	F	Total	
B.Sc. CompSc (Hon)	872	36			21	95.2

27. Diversity of Students (2009-12 batch)   NA

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. CompSc (Hon)			

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

NA.

29. Student progression

Student progression	Against % enrolled
UG to PG	80
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed **Campus selection** **Other than campus recruitment**	50
Entrepreneurship/Self-employment	10

30. Details of Infrastructural facilities

  (a) Library

  (b) Internet facilities for Staff & Students

  (c) Class rooms with ICT facility

(d) Laboratories

(a) Departmental library with 1000 relevant books.

(b) Yes.

(d) Three laboratories.

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

    01 student per year.

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

33. **Teaching methods adopted to improve student learning**

    For the betterment of the student different electronics instruments like projectors are used frequently.

34. **Participation in Institutional Social Responsibility (ISR) and Extension Activities**

    Many students of Computer Science have joined the NSS group. 3rd year student Parag Chatterjee was awarded the prize for best NSS volunteer of the year by the Calcutta University. Prof. Manas Pal is also a member of College NSS committee, and he has actively participated in different NSS programmes arranged by the college.

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

    For the betterment of the students we are going to purchase different electronics instruments like 3D projector, on line UPS, Microprocessor Kit for Practical classes in this academic session. We hope to start M.Sc. course in Computer Science in the near future.

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