

DEPARTMENT OF COMPUTER SCIENCE

1. Name of the Department & its year of establishment:

Department of Computer Science, 1987

2. Name of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc):

- B.Sc - Computer Science
- M.Sc - Computer Science
- M.Sc - Information Technology

3. Interdisciplinary courses and departments involved:

Allied – Mathematics

4. Annual/Semester/Choice Based Credit System: Semester/CBCS

Semester with Choice Based Credit System

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

S.No	Courses / Programmes	Other Departments
1	Allied Courses	Mathematics
2	Non-Major Electives	All U.G. Departments

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Assistant Professors):

Designation	Sanctioned		Filled	
	Aided	Self finance	Aided	Self finance
Associate Professor	-	-	-	-
Assistant Professor	-	19	-	19

**7. Faculty profile with name, qualification, designation, specialization
(D.Sc./D.Litt./Ph.D/M.Phil., etc.): Faculty Profile (Self Finance)**

S.No	Name of the Faculty Member	Qualification	Designation	Specialization	Years of Experience
1	Mr.P.Hakkim Divan Mydeen	M.Sc.,M.Phil	Assistant Professor & Head	Multimedia	21
2	Mr.S.A.Abdul Khader	M.C.A.,M.Phil	Assistant Professor	C,C++, OS.D.B.M.S	19
3	Mr.K.Syed Mohamed Bukari	M.Sc.,M.Phil	Assistant Professor	Mircroprocessor, Data Structure,	15
4	Mr.M.Rabeek Ansari	M.C.A.,M.Phil [SET]	Assistant Professor	V.B,Multimedia, O.S,C,Software Engineering	15
5	Mr.A.Ashraf Ali	M.Sc.,M.Phil	Assistant Professor	V.B,D.B.M.S, HTML	15
6	Mr.N.Manikandan	M.C.A.,M.B.A., M.SC.,M.A., M.Phil	Assistant Professor	C,C++,JAVA	14
7	Mr.A.S.Mohamed Hamsa	M.C.A.,M.Phil	Assistant Professor	DBMS,C,C++	12
8	Mr.F.Mohamed Ilyas	M.C.A.,M.Phil, [SET]	Assistant Professor	C,C++,Dot Net	10
9	Mr.M.Wasim Raja	M.Sc.,M.Phil., PGDCA	Assistant Professor	C,C++,Java	10
10	Mr.J.Adam Kani	M.Sc.,M.Phil M.Tech	Assistant Professor	Mircroprocessor, DLF,OS	10
11	Mr.G.Najeeb Ahmed	M.Sc.,M.Phil	Assistant Professor	C,C++,WT, VP,Dot Net	10
12	Mr.S.Hakkim	M.Sc.,M.Phil M.Tech	Assistant Professor	DCN,OS	9
13	Mr.M.M.Syed Sulaiman	M.C.A.,M.Phil	Assistant Professor	C,C++,VP, DBMS,OS	9
14	Mr.S.Sakthivel	M.C.A.,M.Phil	Assistant Professor	C,DCN	8
15	Mr.K.Tajudin	M.S(IT&M)	Assistant Professor	C,C++, DBMS,JAVA	8
16	Mr.S.Shamimullah	M.Sc.,M.Phil., PGDCA	Assistant Professor	DLF, Data Structure	5
17	Mr.U.MD.Waseem Bari	M.Sc, M.Phil, MBA.M.Phil.,M A	Assistant Professor	DBMS,C++, Multimedia	5
18	Mr.Syed Usman Basha	M.C.A.,M.Phil	Assistant Professor	C,C+,DLF,VB	5
19	Mr.S.K.Akbar Basha	M.Sc,[SET]	Assistant Professor	C,C++, Java,DBMS	3

8. Percentage of classes taken by temporary faculty-programme-wise information: NIL

9. Programme-wise Student-Teacher Ratio:

S.No	Programme	Student – Teacher Ratio
1	B.Sc Computer Science (SF)	52:1
2	M.Sc Computer Science (SF)	7:1
3	M.Sc Information Technology (SF)	7:1

10. Number of academic support (technical) and administrative staff:

Category of Staff	Sanctioned		Filled	
	Aided	Self finance	Aided	Self finance
Programmer	-	01	-	01
Lab Assistant (technical)	-	06	-	06
Administrative Assistant	-	02	-	02

11. Number of faculty with ongoing projects from (a) national (b) International funding agencies and (c) Total grants received. Mention names of funding agencies and grants received project-wise:

Nil

12. Departmental Projects funded by DST-FIST, DBT, ICSSR, etc.: total grants received:

Nil

13. Research facility/Centre with

State recognition : Nil
National recognition : Nil
International recognition : Nil

14. Publications:

S.No	Publication Details	2010- 2011 TO 2014-2015
1	Number of papers published in peer reviewed journals (national/international)	6

15. Details of patents and income generated: Nil**16. Areas of consultancy and income generated: Nil****17. Faculty recharging strategies:**

- Refresher Courses.
- Training Programmes
- Participating in Workshops / Seminars / Conference

18. Student Projects:

S.No.	Details	2010-11	2011-12	2012-13	2013-14	2014-15
1	Percentage of in-house projects (UG)	100	100	100	100	100
2	Percentage of projects in collaboration with industries / institutes (PG)	100	100	100	100	100

19. Awards/recognitions received at the national and international level by the faculty member / doctoral fellows / students:

Nil

20. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:

S.No.	Title of the Seminar	Sponsoring Agency	Date	Organizing Secretary
1	National workshop on Software Engineering	Management	25 th February 2015	Mr.K.Syed Mohamed Bukari

21. Student profile course-wise

Name of the Course	Completed in 2011			Completed in 2012			Completed in 2013			Completed in 2014			Completed in 2015		
	R	S	Pass %	R	S	Pass %	R	S	Pass %	R	S	Pass %	R	S	Pass %
B.Sc	204	179	80	210	176	79	208	182	69	204	178	63	215	182	54
M.Sc (C.S)	22	21	90	22	21	93	22	21	100	13	13	95	8	8	100
M.Sc (IT)	24	22	100	23	22	94	22	22	100	8	8	87	6	6	100

R – Application Received

S – Selected

22. Diversity of students

Name of the Course	Year	% of students from the college	% of students from the state	% of students from the other states	% of students from other countries
B.Sc	2010-2011	-	100	-	-
	2011-2012	-	90	10	-
	2012-2013	-	100	-	-
	2013-2014	-	90	10	-
	2014-2015	-	100	-	-
M.Sc (C.S)	2010-2011	30	70	-	-
	2011-2012	20	80	-	-
	2012-2013	32	68	-	-
	2013-2014	20	80	-	-
	2014-2015	15	85	-	-
M.Sc (IT)	2010-2011	20	80	-	-
	2011-2012	25	75	-	-
	2012-2013	40	60	-	-
	2013-2014	65	35	-	-
	2014-2015	60	40	-	-

23. How many students have cleared Civil services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Period	NET	SET
2010-2015	-	03

24. Student Progression

Student Progression	Percentage against Enrolled				
	2010-11	2011-12	2012-13	2013-14	2014-15
UG to PG	20	25	10	20	25

25. Diversity of Staff (%)

Percentage of faculty who are graduates	
of the same parent university	42
From other universities within the state	58
From other universities from other states	-

26. Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period

Nil

27. Present details about infrastructural facilities

- (a) Library (No. of Books) : 571
- (b) Internet facilities for staff and students : 218 Computers
- (c) Total number of class rooms : 16
- (d) Class rooms with ICT facility : Nil
- (e) Students laboratories : 6
- (f) Research laboratories : Nil

28. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology: Nil

29. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes how does the department utilize it?

Yes. The Department obtains feedback from faculty on curriculum as well as teaching- Learning evaluation. Department utilizes feedback for curriculum modification and improvement. Also, the department obtains feedback on teaching –learning-evaluation, and utilizes it for improving the teaching –learning-evaluation process.

Feedback is taken from the faculty of other colleges, who visit the department on various occasions like Practical examinations, Seminars, Guest lecturers etc. Their views are considered in the preparation of the syllabi as well as teaching-learning evaluation to meet the global changes. When the external experts attend the meeting of board of studies, the department takes the suggestions on the curriculum into consideration.

b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Yes. The Department obtains feedback from students on staff, curriculum, as well as teaching-learning evaluation. Department utilizes feedback for further analysis of faculty performance and the feedback report is also handed over to the faculty members. Also, the department utilizes the feedback on curriculum when the syllabi are revised.

The department positively responds to the feedback and rectifies the areas where modifications are required. After verifying the students' feedback, appropriate teaching techniques are adopted. Student representatives from each section make contributions by giving feedback on the student experiences and perspectives. Based on this feedback, the department takes necessary steps to satisfy them.

c) Alumni and Employers on the programmes and what is the response of the department to the same?

Yes. The department recognizes the distinguished alumni by associating them in the Board of studies while framing and updating the syllabi. The department also recognizes the distinguished alumni by inviting them to give special lectures and seminars to the students. The department requests the employers to offer financial assistance for conducting certificate programmes, seminars, conferences, workshops, and special lectures for the UG, PG students.

30. List the distinguished alumni of the department

S.No.	Name of Alumnus	Position and Place
1	Mr. S.M. Syed Ali Feroz	Graduate trainee, TCS, Chennai.
2	Mr. S. Ashif	Programmer, Dell, Chennai.
3	Mr. M.S. Mohamed Hussain	Software Engineer, Komali Media India pvt. Ltd.
4	Mr. Ahamed Nadeem Ibrahim Bilal	Programmer, Verizon India.

5	Mr. Mohamed Latif Ali	Programmer, TCS, Chennai.
6	Mr. Layqeeq Ahmed	Assistant Professor, University of Oman.
7	Mr. Mustaq Ahamed	Assistant Professor, Salman Bin University, KSA
8	Mr. Tawarish	Assistant Professor, King Khalid University, KSA.
9	Mr. Zahir Ahamed	Project Manager, CBSI, UK.
10	Mr. Sheik Abdullah	Project Manager, Chennai.

31. List the teaching methods adopted by the faculty for different programmes

- Chalk and talk method
- Interactive Teaching, PowerPoint presentation using LCD projector, Interactive smart boards
- Group Discussion

32. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- Continuous Internal Assessment Tests
- Periodical Seminars and Assignments
- Periodical Parents-Teachers Meet
- Quiz and Competitive Examinations

33. Highlight the participation of faculty and students in extension activities: Nil

34. Give details of “beyond syllabus scholarly activities” of the department:

- Organizing invited talks and guest lectures
- Placement Training Programme
- Soft Skill and Personality Development Programmes
- Industrial Visits
- Mentoring Students

35. State whether the programme/department is accredited/graded by other agencies. Give details: Nil

36. Detail any five strengths, weaknesses, opportunities and challenges (SWOC) of the department:

Strengths

- State of the art laboratory with well-equipped infrastructure
- Wi-fi enabled services for students at post graduate level
- Modern teaching aids provided to students of U.G. and P.G courses
- Experienced and dedicated faculty striving towards the success of students
- Individual systems for all students in practical sessions

Weakness

- Lack of industry tie-up
- Non availability of overseas MoUs

Opportunities

- Enhancement of Industry experts to interact with students
- Improved placement opportunities for both U.G. and P.G. courses
- Access of internet through E-learning resources
- Participation of students in technical and professional tests
- Formulation of student Alumni for technical support

Challenges

- To inculcate the students with modern methodological aids
- To nurture the knowledge with the technical skills and soft skills
- To enlighten the manifestation of knowledge with moral and value based educational traits
- To provide the infrastructural amenities with utmost care and preference
- To forecast the bounds in positive perception

37. Future Plans of the Department

- To pioneer in the competitive based learning.
- To compete in the global acquaintance for technical and knowledgeable requirements.
- To attain successful and morality of values through standardization of educational reforms.
- To enhance the sustainability and growth of education in society and culture through prevalence.
- To facilitate the students career through industry collaboration.