



S.B.V.P.Samaj's

**Sahakar Maharshi Bhausaheb Santuji Thorat
College of Arts, Science & Commerce, Sangamner**



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Departmental Inputs

1. Name of the department B.Sc.(Computer Science)
2. Year of Establishment 2006
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Sr. No.	Name of Course	Intake Capacity
1	B.Sc (Computer Science)	80

4. Names of Interdisciplinary courses and the departments/units involved
5. Annual/ semester/choice based credit system (programme wise)

Sr. No.	Name of Program	Annual/ semester/choice based credit system
1	F.Y.B.Sc (Computer Science)	Annual
2	S.Y.B.Sc (Computer Science)	Semester
3	T.Y.B.Sc (Computer Science)	Semester

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

Sr. No.	Course offered	Name of Department
1	BUSINESS STATISTICS	BBA
2	BUSINESS STATISTICS	BCA
3	BUSINESS MATHEMATICS	BCA
4	BUSINESS MATHEMATICS	BBA
5	ELEMENTS OF STATISTICS	MCA(COMMERCE)

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

	Sanctioned	Filled
Professors	NIL	NIL
Associate Professors	NIL	NIL
Asst. Professors	NIL	NIL

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years

11. List of senior visiting faculty
Nil

Sr. No.	Name of Faculty	Region	Visiting Date

12. Percentage of lectures delivered and practical classes handled(programme wise) By temporary Faculty

Sr.No	Teacher Name	Class Name	Subject Name	Average No. of lectures Engaged in percentage	
				Theory	Practical
1	Prof. Chaugule I.L	F.Y.BSc (Comp.Science)	Problem solving using computers and C programming	100%	-
		T.Y.BSc (Comp.Science)	Internet Programming I & II	100%	-
		T.Y.BSc (Comp.Science)	Internet Programming and Project using PHP	-	100%
2	Prof. Mahale L.M	F.Y.BSc (Comp. Science)	1. Statistical Method-I 2.Statistical Method-II	100%	100%
3	Prof. Dalvi L.D	F.Y.BSc (Comp Science)	1. Principle of Digital electronics	90%	100%
		S.Y.BSc (Comp.Science)	1. Digital system hardware	100%	100%
			2.Principle of communication	95%	100%
4	Prof. Kadlag S.P	F.Y.BSc (Comp. Science)	Discrete mathematics	97%	100%
		S.Y.BSc (Comp. Science)	1. Applied Algebra	98%	100%
			2.Computational Geometry	96%	100%
5	Prof.Harer N.S.	S.Y.BSc (Comp.Science)	1.Relational database Management System 2.Software Engineering	94%	-
		T.Y.BSc (Comp.Science)	1.System Programming-I	100%	100%

			2.Operating System.		
6	Prof. Mande P.B.	F.Y.BSc (Comp.Science)	Problem solving using computers and C programming	-	100%
		S.Y.BSc (Comp.Science)	RDBMS and Mini Project using Software Engineering	-	100%
		T.Y.BSc (Comp.Science)	1.Theoretical Computer Science 2. Compiler Construction	100%	-
7	Prof. Jagtap P.A	F.Y.BSc (Comp.Science)	1.Principle of Analog Electronics	95%	100%
		S.Y.BSc (Comp.Science)	1. Analog System	98%	100%
			2. The 8051 Architecture interfacing and programming	96%	100%
8	Prof.Satpute D.D.	F.Y.BSc (Comp.Science)	1. File organization and fundamentals of database	94%	100%
		T.Y.BSc (Comp Science)	1. Object Oriented Software Engineering	95%	-
			2.Computer Graphics	95%	-
9	Prof. Thorat D.S.	F.Y.BSc (Comp.Science)	Problem solving using computers and C programming	-	100%
		T.Y.BSc (Comp.Science)	Programming in Java I & II	95%	-
		T.Y.BSc (Com. Science)	Programming in Java	-	100%
10	Prof.N.G.Shinde.	F.Y.BSc (Comp.Science)	1. Problem solving using computers and C prog	-	100%
		S.Y.BSc (Comp.Science)	1.Data Structure using C	100%	100%

			2.C++		
		T.Y.BSc (Comp Science)	1.Computer Network I 2. Computer Network II	95%	-
11	Prof.N.P. Balsane	F.Y.BSc (Comp.Science)	Algebra And Calculus	95%	100%
		S.Y.BSc (Comp.Science)	1. Numerical analysis	95%	100%
			2.Operation Research	95%	100%

13. Student -Teacher Ratio (programme wise) :

SR.NO	CLASS	TOTAL STUDENT	TOTAL FACULTIES	RATIO
1	F.Y.B.Sc(Computer Science)	86	06	1:14
2	S.Y.B.Sc (Computer Science)	67	06	1:11
3	T.Y.B.Sc (Computer Science)	47	06	1:8

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

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	-	-

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

Name	Qualification	Designation	Specialization
Prof.I.L.Chaugule	M.Sc ,MBA(IT)	HOD	Computer Science
Prof.L.M.Mahale	M.Sc, SET	Assistant Professor	Statistics
Prof.L.D.Dalvi	M.Sc.	Assistant Professor	Electronics
Prof.S.P.Kadlag	M.Sc.	Assistant Professor	Mathematics
Prof.N.S.Harer	M.Sc.	Assistant Professor	Computer Science
Prof.P.B.Mande	M.Sc.	Assistant Professor	Computer Science
Prof.P.A.Jagtap	M.Sc.	Assistant Professor	Electronics
Prof.D.D.Satpute.	M.Sc.	Assistant Professor	Computer Science
Prof.D.S.Thorat	M.Sc.	Assistant Professor	Computer Science
Prof.N.G.Shinde	M.Sc.	Assistant Professor	Computer Science
Prof.N.P. Balsane	M.Sc.	Assistant Professor	Mathematics

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

Name	State	National	International	Funding Agency	Sanctioned Amount

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: Nil
- * a) Publication per faculty NIL
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students 08
 - * 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.)
-Nil
 - * 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 NIL
- a) National committees b) International Committees c) Editorial Boards....

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme 100%

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies 2%

23. Awards / Recognitions received by faculty and students

- S. Y.B.Sc (Computer Science) student Ms. Gayatri Anil Waghmare and Ms. Netra Landage got Second And Third prize in MADHAVA Mathematics Competition.

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

1. Mrs. Khambekar Rupali (M.Sc. Computer Science,NET)

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

funding a) National NIL

b)International
NIL

26. Student profile programme/course wise:

NIL

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
C++	41	41	16	25	39.02%
PHP and MYSQL	47	47	18	29	80.85%

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
F.Y. B. Sc(Computer Science)	100%	NIL	NIL
S.Y. B. Sc(Computer Science)	100%	NIL	NIL
T.Y. B. Sc(Computer Science)	100%	NIL	NIL

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

29. Student progression

Student progression	Against % enrolled
UG to PG	75%
PG to M.Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed	
- Campus selection	
- Other than campus recruitment	90%
Entrepreneurship/Self-employment	10%

30. Details of Infrastructural

facilities a) Library YES

b) Internet facilities for Staff & Students YES

c) Class rooms with ICT facility NO

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

SR.NO	SUBJECT NAME	EXPERT NAME
1	C	Prof. Khambekar Rupali
2	C++	
3	PHP	

33. Teaching methods adopted to improve student learning

- Chalk-Board
- Audio Video Clips
- PPT Presentations
- Internet

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

35. SWOC analysis of the department and Future plans

STRENGTH:

- Efficient and experienced staff.
- Availability of Internet for student as well as faculty.
- Well equipped and furnished laboratories.
- Project development is an inspirational and consistent activity of the department.
- Motivational and healthy atmosphere for students.
- ICT based lectures and practicals.
- Running successfully "Talk to a Teacher" project by IIT Bombay and MHRD.
- Team work is a key in day-to-day work.
- Supportive and protective environment for girl students.

WEAKNESS:

- Enrollment of low merit students.
- Lack of seminars, workshops and conferences.
- Weak ties and communication with IT companies.

OPPORTUNITIES:

- To Make department more research oriented.
- To increase involvement of student in seminar series.
- Maintaining and utilizing better contacts to our alumni.

- Expand outreach activities like High School Programming Contest.

CHALLENGES:

- Slow learners
- To improve quality of student academically
- To upgrade soft skill within students
- To provide mental/moral support to female students considering their strength

FUTURE PLANS:

- To start M.Sc(Computer Science) Programme.
- To develop ICT oriented classrooms.
- Increase participation of faculties in research paper representation /workshops/seminars at state/national/international level.
- To encourage student participation in various competition(state/national level)
- To conduct state/national level seminars /workshops for student as well as for faculty in our department