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 MATHEMATHICS	BCA
4	BUSINESS MATHEMATHICS	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)	Computer Networks 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	S.Y.BSc (Comp. Science)	1. Applied Algebra	92%	100%
			2. Numerical analysis	97%	100%
			1. Operation Research	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 2.Operating System.	100%	100%

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 Anolog Electronics	95%	100%
		S.Y.BSc (Comp.Science)	1. Anolog 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 2.C++	100%	100%

		T.Y.BSc (Comp Science)	1.Internet Programming I 2. Internet Programming II	95%	-
11	Prof. Chaure K.O	F.Y.BSc (Comp.Science)	Discrete mathematics	95%	100%
			Algebra And Calculus	95%	100%

13. Student -Teacher Ratio (programme wise) :

SR.NO	CLASS	TOTAL STUDENT	TOTAL FACULTIES	RATIO
1	F.Y.B.Sc(Computer Science)	88	06	1:14
2	S.Y.B.Sc (Computer Science)	49	06	1:8
3	T.Y.B.Sc (Computer Science)	61	06	1:10

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.K.O.Chaure	M.Sc.	Assistant Professor	Statistics

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 NIL

* 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 Board s….

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
- SYBCS student Khatal Dhanraj got District level prize in AVISHKAR Competition.
- SYBCS student Kanwade Sanket got First prize in MADHAVA Competition.

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

1. Prof. Gadakh Ganesh .
2. Dr.Dube H.V.

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	

*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
FYBCS	100%	NIL	NIL
SYBCS	100%	NIL	NIL
TYBCS	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	20%
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

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

SR.NO	SUBJECT NAME	EXPERT NAME
1	Android Application Development	Prof. Gadakh Ganesh
2	UML Diagrams & Project Development	Dr. Dube H.V.

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:

- Highly Qualified Staff.
- Availability of Internet for student as well as faculty.
- Well equipped and furnished laboratories.
- Strong leadership among faculties.
- Large Number of Students associated with department projects and Events
- Inspirational Environment for student.
- Healthy relationship of faculties with students.

WEAKNESS:
- Few internal seminars and special representations.
- Lack of Technical Support outside of Computer Lab's
- Weak ties and communication with IT companies.
- No placement Cell.

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 of 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 level.**
- **To encourage student participation in various competition(state/national level)**
- **To initiate placement cell**
- **To conduct state/national level seminars /workshops for student as well as for faculty in our department**