

DEPARTMENT OF CHEMISTRY

1	Name of the department	:	CHEMISTRY		
2	Year of Establishment	:	1968		
3	Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	:	B.Sc.		
4	Names of Interdisciplinary courses and the departments/units involved	:	NIL		
5	Annual/ semester/choice based credit system (programme wise)	:	Semester based system		
6	Participation of the department in the courses offered by other departments	:	NA		
7	Courses in collaboration with other universities, industries, foreign institutions, etc	:	NA		
8	Details of courses/programmes discontinued (if any) with reason	:	NO		
9	Number of Teaching posts				
			Sanctioned	Filled	
	Professor		-	-	
	Associate Professor		-	-	
	Assistant Professor		5*	2	
	*01 Guest Lecturers appointed by management				
10	Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)				
	Name	Qualification	Designation	Specialization	No. of Ph.D Students guided for the last 4 years
	Prof. A.D.Kamath	M.Sc, SET	Asst. Prof.	Biochemistry and Analytical Techniques	06
	Dr. K.S.Lamani	M.Sc, M.Phil, Ph.D	"	Organic Chemistry	01 (on going)
	Prof.G.B.Wadwadgi	M.Sc	Guest Lecturer	"	03
11	List of senior visiting faculty	:	NA		
12	Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty	:	33%		
13	Student -Teacher Ratio (programme wise):	:	B.Sc-1:28		
14	Number of academic support staff (technical) and administrative staff; sanctioned and filled		Sanctioned-01, Vacant- 01 (1 temporary staff has been appointed by the management)		
15	Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ M.Phil / PG.:	:	M. Sc	Ph.D	
			2	1	
16	Number of faculty with ongoing projects from a) National b) International funding agencies and grants received	:	NO		

17	Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received					
	Principal Investigator	Name of the Research Project	Funding Agencies	Sanction Year	Sanction amount	Remark
	Prof.A.D.Kamath		UGC		1,63,500	Completed
Dr.K.S.Lamani				1,65,500		
18	Research Centre /facility recognized by the University			:	NA	
19	Publication				:	
	➤ Number of papers published in peer reviewed journals (national / international) by faculty and students:				:	04
	➤ Number of publications listed in International Database (For Example: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)				:	NA
	➤ Monographs				:	NA
	➤ Chapter in Books				:	NO
	➤ Books Edited or Written				:	NO
	➤ Books with ISBN/ISSN numbers with details of publishers				:	NO
	➤ Citation Index				:	NO
	➤ SNIP				:	NO
	➤ SJR				:	NO
	➤ Impact factor				:	NO
➤ h-index				:	NO	
20	Areas of consultancy and income generated			:	Prof. A.D Kamath is Hon. Consultant at JMS Consultancies Dharwad Environmental & Analytical Chemistry	
21	Faculty as members in a. National committees b. International Committee c. Editorial Board			:	01Dr.K.S.Lamani is on the editorial board of Journal of Practical Bio-Chemistry and Bio-Physics	
22	Student projects			:		
	a. Percentage of students who have done in-house projects including inter departmental/programme: 35 b. Percentage of students placed for projects in organizations outside the Institution i.e.in Research laboratories/Industry/ other agencies: NO					
23	Awards / Recognitions received by faculty and students			:	NO	
24	List of eminent academicians and scientists / visitors to the department: Some of the Eminent Academicians visited our Department and enlighten the students such as:			:	NIL	

25	Seminars/ Conferences/Workshops organized & the source of funding			
	a. National:	b. International:		
	Sl. No.	Seminar / Conference / workshop	Status	Source of funding
1	"Innovative Methods of teaching science subjects at high school level" (proposed plan-July-2016)		State level workshop	UGC

26	Student profile programme/course wise	:
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Year	Name of the Course / Programme (refer question)	Applications Received	Selected	Enrolled		Pass Percentage Average
				M	F	
2011-12	B.Sc-I & II Sem	47	43	24	23	62.70%
	B.Sc -III & IV Sem	51	50	22	29	92%
	B.Sc -V & VI Sem	32	31	9	23	87.09%
2012-13	B.Sc-I & II Sem	43	42	16	27	83.30%
	B.Sc -III & IV Sem	37	37	18	19	72.97%
	B.Sc -V & VI Sem	50	48	21	29	95.80%
2013-14	B.Sc-I & II Sem	45	44	22	23	65.90%
	B.Sc -III & IV Sem	36	36	12	24	97.22%
	B.Sc -V & VI Sem	37	36	19	18	69.44%
2014-15	B.Sc-I & II Sem	42	41	16	26	78.04%
	B.Sc -III & IV Sem	42	42	21	21	80.90%
	B.Sc -V & VI Sem	34	34	11	23	76.47%
2015-16	B.Sc-I & II Sem	15	15	8	7	90.9%
	B.Sc -III & IV Sem	37	37	15	22	69.44%
	B.Sc -V & VI Sem	36	36	15	21	42.85%

Academic performance of Students :

Sl. No.	Year	Sem	Enrolled	Appeared	D	I	P	F	P.%
01	2011-12	1&2	47	43	03	13	20	23	62.70%
	2011-12	3&4	51	50	34	11	45	05	92%
	2011-12	5&6	32	31	10	18	28	03	87.09%
02	2012-13	1&2	43	42	14	17	31	04	83.30%
	2012-13	3&4	37	37	09	18	27	10	72.97%
	2012-13	5&6	50	48	38	10	48	-	95.80%
03	2013-14	1&2	45	44	20	19	39	05	65.90%
	2013-14	3&4	36	36	27	04	31	05	97.22%
	2013-14	5&6	37	36	16	10	26	10	69.44%
04	2014-15	1&2	42	41	11	17	28	13	78.04%
	2014-15	3&4	42	42	16	17	33	09	80.90%
	2014-15	5&6	34	34	24	06	30	04	76.47%
	2015-16	1&2	15	11	01	07	02	01	91.1%
		3&4	36	35	07	02	09	17	51.42%
		5&6	36	35	10	05	-	20	42.85%

D-Distinction, I-First Class, P-Pass, P.%-Passing Percentage

Year wise progress in result

	Sl. No.	Academic Year	Overall % passing of student	
	01	2011-12	80.60	
	02	2012-13	84.02	
	03	2013-14	77.52	
	04	2014-15	78.47	
	05	2015-16	42.85	
27	Diversity of Students:			
	Name of the Course	% of Students from same states	% of Students from other states	% of Students from abroad
	B.Sc	100%	-	-
28	How many student have cleared national and State Competitive Examination such as NET, SLET, GATE, Civil Services, Defense Services, etc:	:	03	
29	Student Progression:			
	Student Progression	Against % enrolled		
	UG to PG	40%		
	PG to M. Phil.	-		
	PG to Ph.D.	1%		
	Ph.D. to Post-Doctoral			
	Employed:			
	➤ Campus selection	40 students		
	➤ Other than campus recruitment			
	Entrepreneurship/Self-employment	15 students		
30	Details of Infrastructural facilities :			
	Library	:	Departmental Library with 400 e-books & 252 reference books	
	Internet facilities for Staff & Students	:	YES	
	Class rooms with ICT facility	:	YES	
	Laboratories	:	YES-02	
31	Number of students receiving financial assistance from college, university, government or other agencies	:	Yes, 80% of the Students	
32	Details on student enrichment Programmes (special lectures/workshops/seminar) with external experts:	:	NIL	
33	Teaching methods adopted to improve student learning :			
	<ul style="list-style-type: none"> ➤ Teaching Methods- Lecture/Discussion/ppt / Lab etc. ➤ Laboratory Experiments ➤ Remedial Teaching for Slow-learners/failures 			
34	Participation in Institutional Social Responsibility (ISR) and Extension activities			
	<ul style="list-style-type: none"> ➤ Given Corporate Training for Students under Coaching Classes for Entry into Services and prepared students for attend Campus Interviews. ➤ Worked as Master Trainer On 15.11.2014 at General Elections 			
35	SWOC analysis of the department and future plans:			
	STRENGTHS:			
	1. Committed and dedicated faculty in the Department			

2. Innovative Methodology of Teaching.
3. Good result and feedback
4. Good Financial support and infrastructure
5. Good Laboratory with instruments
6. Good Library

WEAKNESSES:

- No academic flexibility
- Decreasing strength

OPPORTUNITIES:

- Guide the poor and average students in their studies
- Encourage the students to develop research culture
- Encourage the students to participate in seminars, conferences, debates

CHALLENGES:

- To obtain good result from socially and economically backward students.
- To encourage the students for higher education
- To develop confidence in the students and employability skills

FUTURE PLANS:

- To introduce new programmes in the department
- To maintain quality of learning
- To increase the strength of the department