

Department of Mathematics

1. Name of the department : Department of MATHEMATICS

2. Year of Establishment: 1991

3. Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrate Masters; Integrated Ph.D., etc.) :

Courses	UG	PG
Year of Establishment	1991	2013

4. Names of Interdisciplinary courses and the departments/units involved:

PHYSICS/CHEMISTRY/COMPUTER SCIENCE

5. Annual/ semester/choice based credit system (programme wise):

Courses	Pattern
UG	Semester
PG	Semister

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

7. Courses in collaboration with other universities, industries, foreign Institutions, etc. :

8. Details of courses/programs discontinued (if any) with reasons: Nil

9. Number of teaching posts:

Posts	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	02	02

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

(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.):

Name of the faculty	Qualification	Designation	Specialization	No.of years of Experience	No. of Ph.D. students Guided for the last 4 years

Prof;V.H.KOLLI	MSc,M.Phil	Assistant Professor	Numerical analysis	30	
Prof.Y.B.Revadakundi	MSc,M.Phil	Assistant Professor	Fluid Dynamics	29	

11. List of senior visiting faculty:

12. Percentage of lectures delivered and practical classes handled (programme wise) by Temporary faculty:

13. Student –Teacher Ratio (programme wise):

Year	Programme	Teacher	Students	Ratio (Student–Teacher Ratio)
2017-18	UG	02	178	89-01
2018-19	UG	02	225	113-02
2019-20	UG	02	238	119-01
2020-21	UG	02	214	117-01
2021-22	UG	02	193	97-1
2022-23	UG	02	87	44-01

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

	Sanctioned	Filled
Lab Attender	NIL	NIL

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

Qualifications	Ph. D.	M.Phil.	PG
Number of Permanent faculty		02	
Number of Temporary faculty			05

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:

a) Publication per faculty

Name of Faculty	No. of Papers published in peer reviewed Journals			Publication of Books
	International	National	Proceeding	
Prof. V.H.Kolli	01	01		
Prof.Y.B.Revadakundi		02		
Total				

b) Other Publication by Faculty:

Name of Faculty	No. of Paper Presented on Conference / Workshop / Seminar,	No. of Conference /Workshop /Seminar,etc.attended	Books/ journals edited	Books with ISBN/ISSN number
Total				

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees b) International Committees c) Editorial Board:

Editorial Board: Nil

22. Student projects:

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

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

23. Awards/ Recognitions received by faculty and students:

By faculty:

Sl.No.	Name	Awards	University	Award	Year
	Prof.V.H.Kolli	D C Pawate	Karnataka University Dharwad	Best NSS Officer	2019- 20

By Students:

Sl.No.	Name of the Students	Awards	Year
GOLD MEDALIST			
RANK HOLDERS			

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

Sl. No.	Name of Eminent Academicians and Scientists	Designation	Adress
1	Dr.Krishna.Chavaraddi	Associate Professor	Government college Naragunda
2	Dr.P.G.Patil	Associate Professor	Karnataka University Dharwad
3			

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

a) National Level Seminar : 02

Sl.No.	UGC Sanction & Date	Name of Activity	Amount Sanctioned	Title of the Seminar	Date of the Organized
--------	---------------------	------------------	-------------------	----------------------	-----------------------

b) Inter National Level Seminar :Nil

26. Student profile programme /course wise:

Year	Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
				Male	Female	
2017-18	BSc I&II Sem	81	81	34	47	86
	BSc.III&IV sem	67	67	35	32	91
	BSc.V&VI Sem	30	30	13	17	89
2018-19	BSc I&II Sem	87	87	39	48	88
	BSc.III&IV sem	73	73	29	44	90
	BSc.V&VI Sem	65	65	33	32	81.5
2019-20	BSc.I&II Sem	89	89	46	44	100
	BSc.III&IV sem	79	79	35	44	100
	BSc.V&VI Sem	70	70	33	49	82
2020-21	BSc.I&II Sem	53	53	31	22	100
	BSc.III&IV sem	83	83	41	42	100
	BSc.V&VI Sem	78	78	34	44	98
2021-22	B.A I&II Sem	38	38	19	19	100
	BSc.III&IV sem	53	53	31	22	100
	BSc.V&VI Sem	82	82	42	40	100

27. Diversity of Students: 2017-18 to 2021-22

Name of the Course	% of students from the same state	% of students from the other state	% of students from the abroad
UG	100 %	0 %	0%

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

NET	SET	GATE	Defense Services	Civil services	KPSC	Any other
	-	-	-	-		

29. Student progression:

Student progression	Against % enrolled (2015-16)
UG to PG	30
UG to B.Ed	70
PG to M.Phil	00
PG to Ph.D	20
PG to Post- Doctoral	00
Employed: Campus selection	50
Other than campus recruitment	10
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities:

Sl.No	Infrastructural facilities	Status	Nos.
1	College Library	Books: Journal: Reference Book: Any other reading materials:	1286
2	Internet facilities for staff & student	No. of Computer: No. of Computer with Internet facility	40 40
3	Class room with ICT facilities	No. of class room with capacity: No. of LCD: No. of OHP: No. of Printer:	2
4	Laboratories	No. of Lab : Capacity of each lab.	02 20
5	Other	-	-

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

- Discussion
- Seminar
- Home assignment
- Class test

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

- Our department students visited the school of disable students on account of birth day celebration of our beloved president Dr.B.F.Dandin in coordination with college NSS units ,and provide the equipment and necessary goods to enable them to per sue their education.
- Blood donation camp in coordination with college red-cross unit.
- Solid waste management Awareness programme.
- Water conservation Awareness programme.
- Participated in world earth day, Environmental day & Ozone day Celebration.
- Tree Plantation Programme

35. SWOT analysis of the department and Future plans:

Strengths:

- Qualified and adequate faculty.
- Strong research output in terms of text book publication, paper publications and presentations.
- Department has good number of books in the college library.
- Good learning and infrastructure facilities
- Department conducts special lecturer to the students
- Consistently excellent result
- Selection of students in renowned institutes

Weakness:

- Majority of the students are from rural and economically challenged background.

- Lack of communication skills and lack of risk taking attitude

Opportunities:

- Placement facility for graduates in various professions.
- 35 % weightage of syllabus of KPSC, UPSC and some other competitive examinations.

Future plans /vision of department

- Plan to introduce P.G course in Geography.
- Plan to start the IAS/KAS/KES coaching classes in Geography
- Environmental Awareness Programmes (Water Conservation, soil degradation, Solid Waste Management, Organic farming, Pollution etc)
- To Conduct seminars and work-shops which relatively helps students and public.