

**GOVERNMENT FIRST GRADE COLLEGE CHANNAPATNA – 562160**  
**DEPARTMENT OF MATHEMATICS**  
**PROFILE**

1	<b>Name of the Department</b>		DEPARTMENT OF MATHEMATICS		
2	<b>Year of Establishment</b>		2010		
3	<b>Names of Programmes/courses offered</b>		B.Sc(PCM)		
4	<b>Annual/Semester/CBCS (programme wise)</b>		SEMESTER		
5	<b>Courses in collaboration with other Universities, Industries, etc.</b>		-		
6	<b>Details of courses/programmes discontinues (if any) with reasons</b>		-		
7	<b>Number of teaching posts</b>		<b>Posts</b>	<b>Sanctioned</b>	<b>Filled</b>
			Professors	00	00
			Associate Professor	00	00
			Assistant Professor	02	02
8	<b>Faculty profile with name, designation, qualification, specialization, (D.Sc/ D.Litt / PhD / M.Phil, etc)</b>				
	<b>Name</b>	<b>Qualification Designation</b>	<b>Specialization</b>	<b>Experience (Years)</b>	<b>No. of Ph.D students guided in last 5 years</b>
	JYOTI D K	MSc, MPhil, Assistant Professor	Graph Theory	11 years	-
	BINDU M M.	MSc, MPhil, Assistant Professor	Number Theory	11 years	-
9	<b>List of Senior Visiting Faculty/Guest</b>		<ul style="list-style-type: none"> <li>• Prof Jayadev, Associate professor, Sri kuvempu First Grade college, Channapatna</li> <li>• Ebnazer James, Assistant professor, Director ED cell, SPC, Mysore.</li> <li>• Manjula K M, Assistant Professor, GFCGW, Hassan</li> <li>• Shobha V, Assistant Professor, GFGC, Kengeri, Bangalore.</li> </ul>		
10	<b>Percentages of lectures delivered and practical classes handled by</b>		Theory: 25%		

	<b>Guest Faculty</b>	Practicals :50%		
<b>11</b>	<b>Student-Teacher Ratio</b>	50:1		
<b>12</b>	<b>Qualification of teaching faculty with</b>	<b>D.Sc</b>	<b>D.Litt</b>	<b>Ph.D</b>
		-	-	-
<b>13</b>	<b>Department projects funded by UGC/ICSSR etc., and total grants received</b>	-		
<b>14</b>	<b>Research Centre/Faculty recognized by the University</b>	-		
<b>15</b>	<b>Publication (per faculty)</b>			
<b>16</b>	<b>Area of consultancy and income generated</b>	-		
<b>17</b>	<b>Faculty as members in</b>	<b>Senate</b>	<b>BOS</b>	<b>BOE</b>
		-	02	02
<b>18</b>	<b>Students Projects:</b>	-		
	<b>a. Percentage of students who have done in-house projects</b>	-		
	<b>b. Percentage of students placed for projects in organizations outside the institution i.e. in research laboratories /industry /other agencies</b>	-		
<b>19</b>	<b>Awards / Recognitions received by faculty and students</b>	Enclosed		
<b>20</b>	<b>List of eminent academicians and scientists / visitors to the department</b>			
	<b>Name</b>	<b>Institute</b>	<b>Year of visit</b>	
	Dr.Yelamaggad	Center for Nano and soft matter Sciences(CeNS), Bangalore	2016-17	
	Ebnazer James	Amrutha Engineering college	2017-18	
	Ebnazer James	Amrutha Engineering college	2019-20	
	Mrs Manjula K M	Government first grade college for women, Hassan	2018-19	
	Mrs Shobha	Government first grade college, Kengeri, Bangalore	2019-20	
	M S Vijay Kumar	Mysore University	2019-20	

21	<b>Seminars / Conferences / Workshops organized and source of funding</b>					
	-					
22	<b>Student profile programmes / course wise</b>					
	<b>Year</b>	<b>Applications received</b>	<b>Selected</b>	<b>Enrolled</b>		
				<b>Male</b>	<b>Female</b>	<b>Total</b>
	<b>2015 – 16</b>	75	61	09	52	61
	<b>2016 – 17</b>	93	76	18	58	76
	<b>2017 – 18</b>	105	89	20	69	89
	<b>2018 – 19</b>	140	131	30	101	131
	<b>2019 - 20</b>	150	127	34	93	127
23	<b>Diversity of the students</b>					
	<b>Name of the course</b>	<b>% of students from the same State</b>	<b>% of students from other States</b>	<b>% of Students from abroad</b>		
	1 <sup>st</sup> Year – B.Sc(PCM)	100 %	-	-		
	2 <sup>nd</sup> Year – B.Sc (PCM)	100%	-	-		
	3 <sup>rd</sup> Year – B.Sc(PCM)	100%	-	-		
24	<b>How many students have cleared national and state eligibility examinations such as UGC-NET / KSET, GATE, Civil Services, Defence Services, etc</b>					
	-					
25	<b>Students progression</b>					
	UG to PG	30%				
	Campus Selection	-				
	Entrepreneurship / Self employment	3%				
26	<b>Details of infrastructure facilities</b>					
	<b>a. Library</b>	Maintaining department library				
	<b>b. Internet facility</b>	Wi-Fi enabled campus				
	<b>c. Class rooms with ICT facility</b>	05				
	<b>d. Laboratories</b>	01				
	<b>e. Other facilities</b>	NIL				
27	<b>Number of students receiving financial assistance from college, university, government or other agencies:</b>	<i>Enclose an annexure:</i> Enclosed (Students Scholarship)				
28	<b>Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts:</b>					
	<b>1</b>	Pi Day celebration on 14.03.2019				

	<b>2</b>	A special lecture on “Queen of science or art in disguise” on 15.10.2019
	<b>3</b>	Life skill training programme for final year students on 28.03.2019
<b>29</b>	<b>Teaching methods adopted to improve student learning: (Descriptive writing)</b> <ul style="list-style-type: none"> <li>• PPT presentations</li> <li>• Quiz on Mathematics related concepts</li> <li>• Special Lectures</li> <li>• Visit to Indian institute of Science</li> <li>• Practical classes</li> <li>• Group discussion</li> </ul>	
<b>30</b>	<b>Participation in Institutional Social Responsibility (ISR) and Extension activities (NSS, NCC, Scouts and Guides, Youth Red Cross, etc)</b> Students participate in various extension activities such as: <ul style="list-style-type: none"> <li>• NSS</li> <li>• Youth red cross</li> </ul>	
<b>31</b>	<b>SWOC analysis of the department and future plans:</b> <b>STRENGTH:</b> <ul style="list-style-type: none"> <li>• Student enrollment has increased over past 5 years with an average of about 400 students.</li> <li>• Department has highly qualified faculty members.</li> <li>• A few faculty members involved in Bangalore University Syllabus design.</li> <li>• A few faculties are members of BOS &amp; BOE of various universities and paper setter of KPSC examinations.</li> <li>• Frequently organizes department meetings to discuss various aspects like maintenance of department, conduct of class tests, conduct of practical classes, preparation of laboratory manuals, review of faculty performance and student performance etc.</li> </ul> <b>Weakness:</b> <ul style="list-style-type: none"> <li>• Insufficient consultancy service</li> <li>• Inadequate industry-academic interface</li> <li>• Most of the students are from rural background lack in communication skills.</li> </ul> <b>Opportunities:</b> <ul style="list-style-type: none"> <li>• Students have an opportunity to access internet facilities in computer lab.</li> <li>• ICT facilities can be used in class room.</li> </ul> <b>Challenges:</b> <ul style="list-style-type: none"> <li>• Preparing students to get cent percent result and get more distinction in university examinations.</li> </ul>	

	<ul style="list-style-type: none"><li>• To persuade students for higher education.</li><li>• To develop self confidence in students to get good jobs.</li></ul> <p><b>Future plans:</b></p> <ul style="list-style-type: none"><li>• To organize UGC sponsored seminars.</li><li>• To conduct classes for competitive exams &amp; banking exams.</li><li>• To organize campus selection by inviting reputed companies.</li><li>• To have more special guest lectures by inviting resource person from other colleges and universities.</li><li>• Enrichment of students with innovative programmes.</li></ul>
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**Signature of HOD**

**Signature of the Principal**