



*Karnatak University's*  
**KARNATAK SCIENCE COLLEGE**  
College Road, Dharwad-580 001



NAAC Accredited with 'B' Grade  
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**PROFILE OF THE COLLEGE**

1. Name of the College : Karnatak Science College, Dharwad.
2. Courses offered in the College:  
(a) Under graduate : B.Sc., BCA, B.Sc. (C S)  
(b) Post Graduate : M.Sc. in Chemistry, M.Sc. in Physics & M.Sc. in Mathematics.  
(c) Ph.D./M.Phil : All departments except Computer Science are having doctoral programmes
3. Self- financing courses : M.Sc. in Chemistry, M.Sc. in Physics & M.Sc. in Mathematics.

4. Details of students strength in the College during the academic year 2020-21:

Course: B.Sc.

		Category			Total
		SC	ST	Gen.	
I & II Sem	Male	45	21	197	263
	Female	30	14	174	218
III & IV Sem	Male	38	14	126	178
	Female	27	03	174	204
V & VI Sem	Male	40	13	109	162
	Female	35	10	199	244
GRAND TOTAL		215	75	979	1269

Course: BCA

		Category			Total
		SC	ST	Gen.	
I & II Sem	Male	7	1	26	34
	Female	4	0	22	26
III & IV Sem	Male	4	1	20	25
	Female	4	2	30	36
V & VI Sem	Male	5	1	15	21
	Female	6	1	32	39
GRAND TOTAL		30	06	145	181

Course : B.Sc. (Computer Science)

Course		Category			Total
		SC	ST	Gen.	
I & II Sem	Male	4	0	11	15
	Female	1	3	19	23
III & IV Sem	Male	1	2	14	17
	Female	2	2	20	24
V & VI Sem	Male	1	0	11	12
	Female	3	4	27	34
GRAND TOTAL		12	11	102	125

Course : M.Sc. Chemistry

		Category			Total
		SC	ST	Gen.	
I & II Sem	Male	--	01	09	10
	Female	--	01	25	26
III & IV Sem	Male	03	01	13	17
	Female	01	01	17	19
GRAND TOTAL		04	04	64	72

Course : M.Sc.-Physics

		Category			Total
		SC	ST	Gen.	
I & II Sem	Male	Nil	Nil	08	08
	Female	01	03	21	25
III & IV Sem	Male	01	01	09	11
	Female	Nil	01	08	9
GRAND TOTAL		02	05	46	53

Course : M.Sc. Mathematics

		Category			Total
		SC	ST	Gen.	
I & II Sem	Male	--	01	23	24
	Female	04	01	06	11
III & IV Sem	Male	01	01	05	07
	Female	03	--	25	28
GRAND TOTAL		08	03	59	70

5. Total number of teaching staff:

Permanent Faculty: 41

Workload Per Week: As per U.G.C. norms

Sl. No	Name of the teacher & Department	Designation	Qualification	Specialization and Area of Research
<b>Department of Botany</b>				
1	Dr. (Smt.) Doris Singh	Associate Prof.	M.Sc.,M.Phil., Ph.D.	Microbiology
2	Dr. K. Kotresh	Associate Prof.	M.Sc., M.Phil, Ph.D.	Taxonomy & Bio-Systematics
3	Dr. C. G. Patil	Associate Prof.	M.Sc. Ph.D.	Genetics & Molecular Biology.
4	Dr. K. P. Kolkar	Associate Prof.	M.Sc.,M.Phil., Ph.D.	Reproductive Physiology & Morphogenesis
<b>Department of Chemistry</b>				
5	Dr. (Smt.) M. S. Salunke	Associate Prof.	M.Sc., Ph.D.	Inorganic Chemistry & Chemical Kinetics
6	Dr. S. D. Dummawad	Associate Prof.	M.Sc., Ph.D.	Inorganic Chemistry & Coordination Compounds
7	Dr.(Smt.)V. A. Amminabhavi	Associate Prof.	M.Sc., Ph.D.	Physical & Polymer Chemistry.
8	Dr. S. M. Tuwar	Associate Prof.	M.Sc., Ph.D.	Physical Chemistry & Chemical Kinetics
9	Dr. O. Kotresh	Associate Prof.	M.Sc., Ph.D.	Organic Chemistry
10	Dr. Rajesh Kalkambakar	Assistant Prof.	M.Sc., Ph.D.	Organic Chemistry
11	Dr. K. S. Katagi	Assistant Prof.	M.Sc., Ph.D.	Organic Chemistry
12	Dr.(Smt.) Jayalaxmi	Assistant Prof.	M.Sc., Ph.D.	Physical Chemistry
13	Dr. (Smt.) S. P. Masti	Assistant Prof.	M.Sc., Ph.D.	Inorganic Chemistry
14	Dr. Rajappa	Assistant Prof.	M.Sc., Ph.D.	Industrial chemistry
<b>Department of Criminology &amp; Forensic Science</b>				
15	Dr. J. L. Kalyan	Associate Prof.	M.A., Ph.D	Criminology & Forensic Science. Ex- Criminal Tribe study.
<b>Department of Geography</b>				
16	Dr. L. T. Nayak	Associate Prof.	M.A., M.Phil., Ph.D.	Environmental & Regional Planning
17	Dr. S. S. Motebennur	Associate Prof.	M.A., Ph.D.	Agricultural Geography.

18	Dr. (Smt.) V. B. Savirmath	Associate Prof.	M.A., Ph.D.	Marketing Geography.
19	Shri. G. N. Kummur	Assistant Prof	M.A., M.Phil	Agricultural Geography.
<b>Department of Geology</b>				
20	Dr. S. C. Chougala	Associate Prof.	M.Sc., Ph.D.	Hydrology and Environmental Geology
21	Dr. J. T. Gudagur	Associate Prof.	M.Sc., M.Phil., Ph.D.	Hydrology and Environmental Geology/Medical Geology
22	Dr. S. Manjunath	Associate Prof.	M.Sc., Ph.D.	Hydrology and Economic Geology
23	Dr. R. Y. Budihal	Associate Prof	M.Sc. Ph.D.	Sedimentology
<b>Department of Physics</b>				
24	Dr. G. H. Malimath	Associate Prof.	M.Sc., Ph.D.	Fluorescence Spectroscopy
25	Shri. M. R. Ranganath	Associate Prof.	M.Sc., M.Phil.	Polymer Physics
26	Dr. Blaise Lobo	Associate Prof.	M.Sc., Ph.D.	Polymer Physics
27	Dr. (Smt.) Nirupama J.M.	Assistant Prof.	M.Sc., M.Phil., Ph.D.	Nuclear Physics
28	Dr. (Smt.) Geeta N. Chavan.	Assistant Prof.	M.Sc., M.Phil., Ph.D.	Nuclear Physics & Material Science
29	Smt. Jyothi S. Doddamani.	Assistant Prof.	M.Sc., M.Phil.	Condensed matter Physics
30	Dr. (Smt). Reshma A. Nesargi	Assistant Prof.	M.Sc., M.Phil., Ph.D.	Electronics and Condensed matter Physics
<b>Department of Zoology</b>				
31	Dr. (Smt.) A.S. Bellad	Associate Prof.	M.Sc., Ph.D.	Endocrinology & Reproductive Physiology
32	Dr. (Smt.) M. S. Nayak	Associate Prof.	M.Sc. Ph.D.	Endocrinology & Reproductive Physiology, Sericulture
33	Dr. (Smt.) Rajeshwari D. Sankal	Assistant Prof	M.Sc., Ph.D.	Molecular Biology & Biotechnology
34	Dr. S.S. Mangalwade	Assistant Prof	M.Sc., NET	Reproductive Biology
35	Shri. Harsha Nilgund	Assistant Prof	M.Sc., M.Phil.	Zoology
<b>Department of Computer Science</b>				
36	Dr. Nagaraj S.	Assistant Prof.	M.C.A., MSc., Ph.D.	Comp. Science

37	Smt. Lalita Nayak	Assistant Prof	B.E., M.Sc., M.Phil.	Comp. Science
38	Smt. Ambika R.	Assistant Prof	M.C.A.	Comp. Science
39	Shri. Rajashekar V. Barker	Assistant Prof	M.Tech., NET	Comp. Science
40	Smt. Kalpana C. Dalawai	Assistant Prof	M.Sc., NET	Comp. Science
<b>Department of Physical Education</b>				
41	Shri. D. B. Govindappa	Associate Prof.	B.A., M.P.Ed.	Physical Education

**6. Number of temporary teaching staff at present:**

Permanent teachers		<b>Female</b>	<b>Male</b>	<b>Total</b>
		16	25	41
Temporary teachers (Teaching assistants/ Guest Faculty)		20	27	47
<b>Existing Vacancies</b>				
<b>Sl. No</b>	<b>Name of the Department</b>	<b>Sanctioned posts</b>	<b>Working</b>	<b>Vacancies</b>
1	Zoology	12	05	07
2	Geography	09	04	05
3	Geology	06	04	02
4	Physics	18	07	11
5	Chemistry	17	10	07
6	Botany	11	04	07
7	Criminology & Forensic Science.	06	01	05
8	BCA & B.Sc.(CS)	05	05	Nil.
9	M.Sc.(Chemistry)	Nil	Nil	Self financed
10	M.Sc.(Physics)	Nil	Nil	Self financed
11	M.Sc.(Mathematics)	Nil	Nil	Self financed

**7. Number of non- teaching staff at present:**

	<b>Female</b>	<b>Male</b>	<b>Total</b>
<b>Administrative staff</b>	06	10	16
<b>Technical staff</b>	18	44	62

**8. Has the college / department collaboration/ linkages with other (national/international) institutions?**

√Yes

No

## INFRASTRUCTURE & LEARNING RESOURCES

### 9. List of innovations practiced in the college:

(Projects, internships, field training, and seminars)

- a. Lesson planning/Bridge course/remedial courses
- b. Mentoring
- c. Essay, Debate and Quiz competitions.
- d. Research Projects from students
- e. Active involvement of the faculties towards preparation of Study materials and Question bank.
- f. Good number of Special Lectures, Seminars, Symposia and conferences
- g. Group Discussions / Exhibitions / Workshops
- h. Role Plays / Wall paper
- i. Field Training Study tour and visits.
- j. Active involvement of faculties in research projects and publication of research papers in reputed journals.
- k. Establishment of good research facility and sharing of knowledge through consultancy for the surrounding poor farmers.
- l. Regular Placements
- m. ICT based teaching
- n. MOU's

### 10. Students progression: % passing at college for the year 2020-2021:

- I. B.Sc.
- II. BCA
- III. B.Sc. (CS)
- IV. M.Sc.

#### D)- B.Sc

Year	Semester	Total No. of students appeared	No. of students Passed	No. of failed students
2020 – 21	I (CBCS)	402	300 (74.6%)	102
	III	384	301 (78.4%)	83
	V	402	371 (92.28%)	31
2020 – 21	II (CBCS)	371	356 (95.96%)	15
	IV	377	363 (96.29%)	14
	VI	396	345 (87.12%)	51

## II) BCA

Year	Semester	Total No. of students appeared	No. of students Passed	No. of failed students
2020-21	I	54	38 (70.37%)	16
	III	60	46 (76.66%)	14
	V	58	51 (87.93%)	07
2020-21	II	54	53 (98.4%)	01
	IV	59	57 (96.6%)	02
	VI	53	45 (84.9%)	08

## III) B.Sc. (Computer Science)

Year	Semester	Total No. of students appeared	No. of students Passed	No. of failed students
2020 - 21	I	35	28 (80.0%)	7
	III	40	36 (90%)	4
	V	45	39 (86.6%)	6
2020 - 21	II	33	33 (100 %)	0
	IV	39	39 (100%)	0
	VI	45	32 (71.11%)	13

## IV) M.Sc. (Chemistry)

Year	Semester	Total No. of students appeared	No. of students Passed	No. of failed students
2020 - 21	I	36	22 (61.11%)	14
	III	36	27 (75%)	09
2020 - 21	II	36	36 (100%)	00
	IV	36	25 (69.44%)	06

### M.Sc. (Physics)

Year	Semester	Total No. of students appeared	No. of students Passed	No. of failed students
2020 - 21	I	33	29 (87.87%)	04
	III	20	16 (80%)	04
2020 - 21	II	33	33 (100%)	00
	IV	20	18 (90%)	02

### M.Sc. (Mathematics)

Year	Semester	Total No. of students appeared	No. of students Passed	No. of failed students
2020 - 21	I	35	29 (82.8%)	06
	III	35	32 (91.43%)	03
2020 - 21	II	35	35 (100%)	00
	IV	35	34 (97.1%)	01

The students of B.Sc. 6<sup>th</sup> semester of our college **Ms Arati Mokashi** and **Ms. Amita Kolekar** secured 6<sup>th</sup> Rank and 8<sup>th</sup> Rank respectively to Karnatak University Dharwad. **Prateeksha T.** of M.Sc.( Chemistry) 4<sup>th</sup> semester of our college secured 2<sup>nd</sup> Rank to Karnatak University Dharwad.

11. Whether IT enabled teaching introduced?

Yes

No.

All departments and departmental libraries are equipped with computers, LCD projectors and internet facility.



**12. Does the college have the following facilities?**

- |                                |     |                                     |    |                          |
|--------------------------------|-----|-------------------------------------|----|--------------------------|
| • Reprographic facility        | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| • Computers, Audio & Video CDs | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| • Internet                     | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| • Any other (specify)          | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
- Museums in many departments

**13. How does the college, ensures maintenance of its infrastructure?**

- Funds by State Government (through University)
- Funds through fees.
- Funds through enhanced fees.
- Funds by U.G.C.
- Funds from Alumni.

**14. How does the college, ensures optimum use of its infrastructure facility?**

- ❖ Facilities are utilized to conduct Degree, P.G. & Ph.D. courses.
- ❖ Theory and Practical classes are engaged in the existing infrastructure from 7:50am to 6:30pm.
- ❖ The department libraries are kept open for the students from 10.30 am to 6:00pm.
- ❖ 24 X 7 Library facility is provided in the college campus.
- ❖ The department museums are kept open for the students from 11:00am to 5:30pm.
- ❖ Free Medical facilities are extended to all students, teaching & non teaching staff.
- ❖ The existing class rooms are also made use to conduct various competitive examinations like UGC NET & SLET, UPSC, KPSC, IISC, Judiciary, LIC & other state & Central board examinations.
- ❖ Play Grounds are used by our students & also used by public.
- ❖ The college is also an evaluation centre of KUD.
- ❖ District/State level Cultural (Dharwad Utsav) and sports meets are organized by govt. of Karnataka in the campus

## RESEARCH, CONSULTANCY AND EXTENSION

### 15. Details of students awarded with Ph.D. degree during the year 2020-21

Sl.No.	Name of the guide	Name of the student for Ph.D.	Title of thesis
1	Dr. Saraswati P. Masti (Chemistry)	Mr. Shivayogi Narasagoudar	Thermal , Structural and Spectroscopic study of Biodegradable Polymer Blend/ Active films for food packaging applications
2	Dr. K.S. Katagi (Chemistry)	Mr. Smita Mane	Synthesis of some Novel Heterocyclic Compounds and their Pharamacological Evaluation
3	Dr. Manjunath S. (Geology)	Mr. Chandrashekar Kalyani	Hydrogeological studies in Shalamala sub basin, Karnataka
4	Dr. Mangala Naik (Zoology)	Sri. S. S. Mangalwade	Studies on Seasonal variations of Physico Chemical Factors with Zooplankton and Fish diversity in two fresh water bodies of Dharwad Taluk, Karnataka, India
5	Dr. J. T. Gudagur (Geology)	Mr. Gaonkar Gopalkrishna Vishweshwar	Studies on the Pollution of Surface and Sub-Surface Water due to Anthropogenic and Natural Causes in Parts of Western Region of Sandur Schist Belt, Bellary District, Karnataka State
6	Dr. Smt. V.B. Saviramath (Geography)	Mr.R. C. Dadugoudar	Quality of life of slum dwellers of Belagavi city: A Geographical Analysis
7	Dr. L. T. Nayak (Geography)	Mr. B. R. Jarakunti	Environment, Urbanisation and growth of urban centres in Gadag district – A spatial analysis.

15 b) Details of research students working for Ph.D. degree:

Sl. No	Name of the guide	Name of the student for Ph.D. degree	Title of thesis	Fulltime/ Part time & Fellowship / Scholarship etc.
1	Dr. (Smt.) Doris Singh (Botany)	1. Kosthi Omkar Arun	Limnobotanical Studies on Three Perennial Tanks of Nippani Taluk, Belgaum District, Karnataka, India.	Full time BCWD fellowship
		2. Keerthi Patil	Biochemical & Biological Activities of some Selected Cyanobacterial Specie & Their Applications.	Full time URS fellowship
		3. Chaitra Pandhari	Nutritional Composition, Microbiological & Toxicological Evaluation of Selected Nostoc Species.	Part time
		4. Girish Terdalkar	~	Full time
		5. Naveen Hanchinmani	~	Full time
		6. Surekha Chandrashekhar	~	Full time
2	Dr. K. Kotresha (Botany)	7. Smt. Maheshwari Koti	Floristic Diverisity and Phytosociological Studies of Yadahalli Chinkara Wildlife Sanctuary, Bagalkot, Karnataka	Part time
		8. Sri. Vijayamahantesh Gobbi	Ethnobotanical Studies of Bagalkot District, Karnataka	Part time
		9. Smt. Mouna S.	Phytodiversity and Phytosociological studies of Devarayanadurga and Bukkapatna Reserve Forests in Tumakuru District, Karnataka	Fulltime DST Fellowship
		10. Miss. Savita R.	Floristic Status and Its Utility in Raichuru District, Karnataka	Fulltime URS Fellowship
		11. Smt. Naghashree G.	Documentation on Wild Edible Fruits of Tumakuru District, Karnataka	Part time
		12. Smt. M Siddeshwari	Flora of Koppal District, Karnataka	Part time
		13. Sri. Ningaraj S. Mokanur	Floristic Studies in Angiosperms of Haveri	Fulltime

			District, Karnataka	
		14. Shri Shreyas Betageri	Diversity and Seed Morphometric Studies on Orchidaceae of North Karnataka	Fulltime
3	Dr.C.G.Patil (Botany)	15. Mr. Rajendra Pujar	Genetic studies in wild and cultivated species of genus sesamum L (Pedaliaceae) using molecular markers.	Project fellow UGC
		16. Ms. Shweta Karaningannavar ( CO-Guide- Appl. Genetics)	DNA barcoding studies in different species of drosophila.	UPEF
4	Dr.K.P.Kolkar (Botany)	17. Smt. Nageena P.H	Histochemical studies on the Development of Male Reproductive structures in Some members of Rubiaceae .	Part Time
		18. Pratiksha Kambli	Histochemical and Embryological studies of Reproductive structures in Cattonia Orchidaceae.	Full time
5	Dr. R. D. Sankal (Zoology)	19. Shobha M.	Studies on the distribution and diversity of soil microfauna at the vicinity of sugar and fertilizer industries in Karnataka	Part Time
		20. Shrinivas Neglur	Studies on effect of Fenaoxyprop – p ethyl on Behavioural Biochemical and haematological changes in fresh water Fish Cyprinus Carpio	Full time
		21. Shyam Shavi	Studies on effect of industrial effluents on the diversity of aquatic fauna in Northern Karnataka	Part Time
		22. Sampada M.	Studies on effect of heavy metal (Hg) toxicity on Reproduction biochemical and haematological changes in earth worm Eadrilus euginae	Full Time
6	Dr. J. T. Gudagur (Geology)	23. Mr. Lingaraj	Hydrogeological and Geochemical Studies with Reference to Pollution of Surface and Sub-Surface water due to Anthropogenic and Geogenic Causes in Nandihal Halla Watershed of Manvi, Devadurga nad	Full time

			Sindhanur Taluks of Raichur District, Karnataka State.	
		24. Mr. Umesh Jadiyahappa Madolli	Hydrogeological and Environmental Studies with reference to groundwater quality characterisation of Dharma river Sub-Basin of Hangal and Shiggaon Taluks of Haveri District, Karnataka State	Full time
		25. Mr. Rizwan M	An Integrated Approach to Hydrogeological, Remote Sensing and Environmental Studies of Kodi Halla Watershed, Hosadurga Taluk, Chitradurga District, Karnataka State.	Full Time
		26. Ms. Pradnya Govekar	Hydrogeological and Hydrogeochemical Characters of Surface and Subsurface Water of Hirehalla Sub-Basin of Badami Taluk, Bagalkote District, Karnataka.	Full Time
		27. Mr. Raju Laxman Chavan	Petrology, Geochemistry and Genesis of Banded Iron Formations and Associated Rocks in Kappatagudda Gadag District, Karnataka	Full time
		28. Mr. G. S. Subbapurmath	Structural Features in the Proterozoic Rocks at & around Murgod, Belagavi District, Karnataka.	Full time
7	Dr. Manjunath S. (Geology)	29. Mr. Nagalingaswami K. Vishwabrahman	Hydrogeological studies with special reference to fluoride in groundwater of Yadagiri taluk, Karnataka state.	Full Time
		30. Mr. Rakesh Patil	Hydrogeological analysis of Tattihalla basin using remote sensing and GIS techniques	Full Time
		31. Mr. Shivanand A. Ajgaonkar	Hydrogeological studies of Lingusugur taluk, Raichur District, Karnataka	Full Time
		32. Mr. Sujith Kulkarni	Integrated hydrological studies of Sholapur taluk, Yadgir districts, Karnataka.	Full Time

		33. Mr. Vinayak Lohar	Hydrogeological and hydrogeochemical Studies of Hirehalla Watershed Chikkodi and Gokak Area, Belagavi District, Karnataka Using Remote sensing and GIS techniques	Full Time
		34. Riyaz A. S.	Hydrogeological studies of Raichur taluk, Karnataka using remote and GIS techniques.	Full time
		35. Mr. Basavaraj Chikkasamshi	Integrated Hydrogeological Studies of Hiranyakeshi Water Shed, Belgaum District, Karnataka, India using Remote Sensing and GIS Techniques	Full Time
8	Dr. S. M. Tuwar (Chemistry)	36. Vinoda B. Patil	Electrochemical analysis of some medicinally important molecules and their analytical applications	Full Time
		37. Rakesh R. Sawkar	Electrochemical analysis of some bioactive molecules	Full Time
9	Dr. Rajesh Kalkambakar (Chemistry)	38. Pavankumar Prabhala	“Synthesis of biologically active aromatic and heterocyclic via convectional methods and/or using Ionic liquids”	Part Time
		39. Suraj Sutar	“Synthesis of biologically active aromatic and heterocyclic compounds Using Ionic liquids”	Full time URS Fellowship
		40. Shruti S. Malunavar	“Applications of Ionic liquids in the synthesis of Highly Functionalized Organic Scaffolds”	Full Time Vidyasiri Ph.D. Fellowship
		41. Imamhusen Jamadar	“Synthesis and biological evaluation of oxygen and nitrogen heterocycles”	Part Time
		42. Vinod Jadhav	“Synthetic studies of biologically active aromatic and heterocyclic compounds using Ionic liquids”	Part Time
		43. Athmanand Anchi	“Applications of Ionic liquids in the synthesis of Highly Functionalized Organic molecules”	Full Time Vidyasiri Ph.D. Fellowship
		44. Preeti Mulimani	“Design and Development of nature inspired organic molecules for some environmental applications”	Full Time

10	Dr. K. S. Katagi (Chemistry)	45. Mahesh Akki	Design Synthesis Pharmacological and Technical Perspectives of Some Novel Heterocyclic Compound	Full Time Vidyasiri Ph.D. Fellowship
		46. Vardhaman Babagond	Design Synthesis and Characterization of Novel Heterocyclic Compounds: An approach to Photophysical and Biological Studies	Full Time
		47. Surekha Kademani	Synthesis and Characterization of Liquid Fuel from non-edible seed oils and investigation on their Technological Perspectives	Part Time
		48. Vijaykumar Tumbad	Synthesis and Characterization of Biodiesel: Optimization of feedstock based on Lipid Profile	Full Time
11	Dr. (Smt.) Jayalaxmi (Chemistry)	49. Nikita Kurkuri	Metabolite profiling of non- targeted chemical components in medicinal plants: NMR based Metabolomics	Full Time
		50. Kavya M.P.	High Resolution NMR based Plant-Metabolomics: A Profile of non-targeted metabolites present in Medicinal Plants	Full Time Vidyasiri Ph.D. Fellowship
		51. Poornima. C.Kulageri	Identification and quantification of various chemical constituents present in Nutraceuticals: NMR Spectroscopic based Metabolomics Approach.	Full Time
12	Dr. Rajappa (Chemistry)	52 . Arjun G. Kalkhambkar	Screening of Electroactive Organic Compounds as a Corrosion Inhibitor for Mild steel in Acid medium	Part time
		53. Manohar Rathod	Investigation of electroactive components extracted from plants and their corrosion inhibition for mild steel”	Full time URS Fellowship
		54. Gurunath S. Janakunavar	Corrosion mitigation of mild steel and zinc in acid medium	Part time

		55. Ragini L. Minagalavar	Ferrous metal corrosion protection by natural and synthetic resources: Chemical, Electrochemical and Surface characterization	Full Time
		56. Geeta D Pai	Effect of plant extract for corrosion protection on low carbon steel in aqueous corrosive medium	Part time
13	Dr. Saraswati Masti (Chemistry)	57. Nagaraj Gouda	Synthesis and Characterizations of Natural Drug Doped Biodegradable Polymer Composite and Blend Films for Potential Applications.	Part Time
		58. Veena G. Bhat	Synthesis and Evaluation of Nano Particles Doped Biodegradable Polymer Composite	Part Time
		59. Manjunath P. Eelager	Preparation and Evaluation of Physico-Chemical Properties of Polymer Blend/Composite Films for Various applications.	Full Time & Karnataka DST-Ph.D. Fellowship
		60. Manjushree Nagaraj Gunaki	Synthesis and Characterization of Biopolymer Based Blend/ Composite Films as Packaging Materials.	Full Time & Vidyasiri Ph.D. Fellowship
		61. Lingaraj Kariyappa Kurabetta	Evaluation of Mechanical, Structural and Functional Properties of Polysaccharide Composed Polymer Blend Films for Active Food Packaging.	Full time
		62. Suhasini Madihalli	Preparation and Evaluation of Active Ingredient Incorporated Polymer Blends/Composite Films for Various Applications.	Full Time & Vidyasiri Ph.D. Fellowship



14	Dr. L. T. Nayak (Geography)	63. Smt. Poornima K. Naik	Impact of Textile Industries on the development of Rabakavi and Banahatti Urban region: A Geographical Analysis	Part time
		64. B. D. Ajjodi	Assessment of regional disparities in North Karnataka: A Special strategy for planning and sustainable development	Part time
		65. Prakash Hullur	Assessment of Socio Economic dimensions of rural development in Gadag district: A Geographical Analysis	Full time
		66. N. G. Math	Special pattern and hierarchy of rural settlement in Vijayapur district – A strategy for balance settlement	Full time
15	Dr. (Smt.) V. B. Savirmath	67. B. G. Madli	Imbalanced sex ratio of Bidar and Udupi districts: A Comparative analysis	Full time
		68. R.V. Rayannavar	Spatial patterns of slums in Haveri District and its impact on urban dwellers.	Full time
		69. Sukumar Kokatanur	Impact of limestone mining and cement manufacturing: A case study of Bagalkot.	Full time
16	Dr. G. H. Malimath	70. Thippeswamy M.S.	Studies of Photophysical Properties of some organic compounds of optoelectronic and biological interest	Part time
		71. Veeresh Hiremath	Synthesis and Characterization of some rare earth doped ferrite nanoparticles for sensor applications	Part time
		72. Praveen	Energy transfer and Quenching Studies on some organic compounds of Biological and Optoelectronic interest.	Full time JRF
17	Dr. Blaise Lobo	73. Shruti S. Devangamath	Experimental Study of Microstructure And Physical Properties of Hybrid Materials	Full time
		74. G. Veena	Experimental Investigation of The Physical Properties of Nanostructured Polymeric Materials	Full time RGNF

	75. Rajeshwari Mirji	Experimental Investigation of The Microstructures and Properties of Conducting Polymeric Blends Using Nuclear Techniques and Complementary Methods	Full time
	76. Mrs. Vijayashri Ashok Kandagal	Studies on Organic and Inorganic Materials using Positron Annihilation Spectroscopy and External Bremsstrahlung	Part Time
	77. Manjappa C. K.	Experimental and Computational Study of Radiation Shielding Materials	Full Time
	78. Akkamma B.	Experimental study of some polymeric composites with suitable additives	Full Time

#### 16. Details of research projects (Ongoing/Completed)

Name of the Investigator	Name of project	Funding Agency	Amount Sanctioned (in Lakhs)
Dr. S. P. Masti (Chemistry)	Physico-Chemical properties of ternary blend films for food packaging Applications	DST-SERB	41.92
	Preparation and Evaluation of Biopolymer based films for active food packaging Applications	PMEB KUD	0.5
Dr. Manjunatha S. (Geology)	Integrated Hydrogeological Studies of Lingasugur taluk, Raichur District, Karnataka	DST-SERB	23.1
Dr. R. G. Kalkhambker (Chemistry)	Synthesis of coumarin and quinoline derivatives as novel drug like molecules	DST	27
	Design and Synthesis of highly functionalized coumarin chromophores as plausible fluorescent probes”	PMEB KUD	0.5
Dr. K.S. Katagi (Chemistry)	Investigation on Economically Viable and Novel Seed Oil Sources as Potential Biomass for the liquid Fuel Production: Based on Fatty Acid Chemistry	PMEB KUD	0.5

Dr. Jayalakshmi (Chemistry)	Metabolite Profiling of Nutraceuticals: NMR based Metabolomics Approach	PMEB KUD	0.5
Dr. S.K. Rajappa (Chemistry)	Investigation of plants extract as corrosion inhibitors for mild steel in acid media	PMEB KUD	0.5
Dr. K. Kotresha (Botany)	Carbon Sequestration and Pictorial Documentation of Plants Diversity in Karnatak University Campus, Dharwad	PMEB KUD	0.5
Dr. Nirupama J. M. (Physics)	Interaction of substituted chalcones with metal / semiconductor nanoparticles for their possible sensor applications	PMEB KUD	0.5
Dr. Reshma A. Nesargi (Physics)	Magnetoconductivity due to confined acoustic phonons in freestanding quantum well structures	PMEB KUD	0.5

### 17. Major facilities available for research in the College:

The following major facilities have been developed, and are available in the college to facilitate research.

- Precision LCR meter, Digital balance, Accurate digital multimeter with computer interfacing, Sodium Iodide (Thallium) Scintillator Gamma-Ray spectrometer with 8k MCA, Portable Gamma Ray Spectrometer with 1k MCA, GM Counters, Digital Storage Oscilloscopes, Temperature Controlling unit, Microwave apparatus, Refractometer, Ultrasonic interferometer in **Physics department**.
- UV-Visible spectrophotometer with Peltier cooled temperature controlling system Electro chemical work station, Electro phoretic apparatus, Weighing balance and ice maker machine, Oil bath with magnetic stirrer, Hot air oven, Rota evaporator, Universal testing machine, Electronic Analytical Balance, Ultrasonic cleaner, Distillation unit, Spin coating machine, Magnetic stirrers, Nephelo turbidity meter, Flame Photometer, Horizontal and vertical, deep freezer, Heating mantles, Potentiometer, Water bath, Hot plate, Polymerize Chain Reaction instruments in **Chemistry department**.
- Petrological microscopes, GPS, Resistivity meter, LCT, All types of maps, surveying instruments, 3-D models of land forms, PC based double beam UV – VIS Spectrophotometer, Aquameter, Weather instruments in **Geology department**.
- Digital camera, Stereo zoom microscopes, Bullet comparison microscope, Horizontal shaker, Culture rack, Refrigerators, Rotary shakers, Vortex Mixtures, Magnetic stirrers, Soxhlet apparatus, Laminar air flow, Auto clave, Thermal cyler, LAMINAR AIR FLOW. -20°C deep freezer, Spectrophotometer, Digital balance, Quartz double distillation unit, uv-Trans illuminator, DNA electrophoresis unit, Protein electrophoresis unit, Tissue culture incubation with

Photoperiodic control, Incubators, Research micro scopes with halogen illumination, Table top Cold centrifuge with 30000-rpm at -20°C, Microfuge, Potentiometer etc. in Microtome and cryostat along with necessary glassware and chemicals in **Botany and Zoology department**. In addition, taxonomy sheets (herbarium sheets) of rare plants are available in botany museum, for taxonomy research.

- Internet facility throughout the campus.
- Computers to all the departments.
- Faculty members and research students have an access to use facility available in University Science Instrumentation Centre (USIC), KUD and it has major instrumental facilities like Liquid nitrogen plant, Atomic Absorption Spectrophotometer, Absorption and fluorescence spectrophotometer, spectrophotometer UV NMR, FTIR, Liquid Scintillation Counters, HPLC, GCMS and Cryostat.
- The researchers can avail the facilities available in Genetic Diagnostic Centre, KUD.
- The Central Workshop services can be also availed by the researchers from KUD.
- The campus has herbal garden, medicinal plants park, cactus garden, Geology Museum, Criminology Museum, Zoology Museum and Botany Museum.
- All Ph.D. scholars of our college are having the access to use Library facilities like Computer Systems, on-line E-journals, and Internet connectivity, INFONET, INFLIBNET, CD-ROMs and etc. available at Central Library, Karnatak University, Dharwad.
- Sufficient hostel facility for boys and girls is made available.
- Our Ph.D. scholars are also eligible to get Karnatak University research Fellowship.

**18. Furnish the following :**

<b>Publications</b>	<b>National</b>	<b>International</b>
Number of research papers	<b>11</b>	<b>104</b>
Number of Conferences attended	<b>38</b>	<b>28</b>
Number of books/Book Chapter	<b>01</b>	<b>~</b>
Awards and recognition for research	<b>~</b>	<b>01</b>

**19. Does the college provide any consultancy services?**

Yes

No

If Yes

a) List the broad areas of consultancy services provided and the beneficiaries.

➤ **Geology department is involved in:**

- Helping University Hostels, farmers of nearby villages & Residents of Hubli-Dharwad to Locate bore well points.
- Rain water harvesting for Dharwad citizens and nearby villagers.
- Suggestions for Rock identification, its quality and also gem and mineral testing. ( BENIFICIRIES: Ph.D. students and some land owners.

➤ **Forensic science department extends:**

- Expert opinion for judiciary, university and police departments regarding the crimes.

➤ **Department of Zoology provides:**

- Expert opinion in Fisheries, Toxicology and aquaculture procedures for villagers/ Fishermen.
- Water quality maintenance and aquaculture.

➤ **Botany Department is involved in:**

- Helping for Plant identification, they are also helping the some organizations in environmental related issues.

b) **Finances generated through consultancy services** : Nil.

20. Tick the areas of extension activities of the college, if any.

- |                                 |                                     |
|---------------------------------|-------------------------------------|
| a. Community development        | <input checked="" type="checkbox"/> |
| b. Health and hygiene awareness | <input checked="" type="checkbox"/> |
| c. Adult education.             | <input checked="" type="checkbox"/> |
| d. AIDS awareness               | <input checked="" type="checkbox"/> |
| e. Social work                  | <input checked="" type="checkbox"/> |
| f. Medical Camp                 | <input checked="" type="checkbox"/> |
| g. Blood donation camp.         | <input checked="" type="checkbox"/> |
| h. Environment awareness.       | <input checked="" type="checkbox"/> |
| i. Any other (briefly mention)  | <input type="checkbox"/>            |

## 21. If the college organizes extension activities give a brief note?

All the departments are actively involved in extension activities like awareness programs, Rain water harvesting, Alternative energy sources, Cybercrime and its impact on youngsters, Injuries to sports personnel and remedies to overcome, Use of fertilizers and etc.

Sl.No.	Department	Dates	Title of the Webinar
1.	Geography /IQAC	26 <sup>th</sup> - 27 <sup>th</sup> Nov 2020	Two-day Inter- national Webinar on “Climate Change, Geo-hazards & Sustainable Development “
2.	Physics/IQAC	1 <sup>st</sup> Feb 2020	One day Workshop on “Embedded System Development using 8051 Controller” for B.Sc. V semester Students
		28 <sup>th</sup> Nov 2020	One Day National Webinar on “Recent trends in Physics”
		24-3-2021 to 28-3-2021	Training Program on “Python” for B.Sc. I semester Students
		25-3-2021 to 29-3-2021	Workshop on “HTML and CSS” for B.Sc. V semester Students
		26-3-2021 to 30-3-2021	Seminar and Hands-on Training on “Hypertext Preprocessor (PHP)” to B.Sc. III semester Students
3.	Zoology /IQAC	30 <sup>th</sup> Nov 2020	One Day National Webinar on “Faunal Diversity & Prospects of life Sciences”
4.	BCA & B.Sc (Cs)	1 <sup>st</sup> Dec 2020	One Day National Webinar on “Computer applications in Medical Science”
5.	Chemistry/ IQAC	4 <sup>th</sup> - 5 <sup>th</sup> Dec 2020	Two-day International Webinar on “Recent Innovations in Chemical Sciences”
6.	Botany/IQAC	7 <sup>th</sup> Dec 2020	One Day National Webinar on “Role of Biodiversity in 21 <sup>st</sup> century”
7.	Statistics /IQAC	8 <sup>th</sup> Dec 2020	One Day National Webinar on “Biodata Analytics”
8.	IQAC	16 <sup>th</sup> Dec 2020	One Day National Webinar on “NAAC Assessment & Reaccreditation: An Insight “
9.	Chemistry & Biotechnology/ IQAC	17 <sup>th</sup> Dec 2020	One day International Webinar on “Emerging Innovations in biotechnology”
10.	SWO/IQAC	19 <sup>th</sup> - 20 <sup>th</sup> Jan 2021	Two days State Level Online Seminar Competition for UG Science Students on 1. Effect of Covid on Education in India 2. Effect of Covid on Employment in India

11.	Physical Education and Sports	21 <sup>st</sup> Jan 2021	One day Nation Webinar on “Sports Medicine and Allied Sciences for Injury and Doped Free Performance - A perspective”
12.	NSS	7/01/2020 to 13/01/2020	NSS Volunteer participated in “7 days University level Leadership Training Camp” at Karnatak University Dharwad
		3/3/2020 to 9/3/2020	NSS Camp was held at Shalmala Hostel Karnatak University Dharwad
		25 <sup>th</sup> Jan 2021	National Voters Day
		26/2/2021 to 4/3/2021	NSS Volunteer participated in “National Integration Camp” at Karnatak University Dharwad
		26 <sup>th</sup> April 2021	NSS Volunteer participated in “Covid Vaccination awareness program”.
13.	IQAC	12 <sup>th</sup> - 13 <sup>th</sup> May 2021	One day virtual training on ” English Language Communication”
14.	IQAC	15 May 2021	One day virtual training on – “Academic Resources: Techniques for Retrieval & Use”
15.	IQAC	30 May 2021	One day virtual training on “ Intellectual Property rights”

### ORGANIZATION AND GOVERNANCES

22. How often the teachers of the Department meet?

Once in a month.

23. Are the decisions taken in these meetings recorded and reviewed in the next meeting?

Yes.

24. Has the college Council been constituted? Yes.

If so, briefly describe its functioning.

### STRUCTURE OF GOVERNING COUNCIL:

VICE-CHANCELLOR	: Chairman
SYNDICATE MEMBER	: Member
REGISTRAR	: Member
FINANCE OFFICER	: Member
RESIDENT ENGINEER	: Member
SENIOR MOST ASSOCIATE PROFESSOR	: Member
SENIOR MOST ASSISTANT PROFESSOR	: Member
PRINCIPAL	: Member Secretary



## **FUNCTIONING:**

Governing Council meetings will be held twice in a year to review the academic and administrative progress/problems of the college and to find out the solutions to solve the same and also to take up new proposals on priority basis if any.

## **TEACHING :**

### **25. How are students selected for admission?**

- a) Through entrance tests
- b) Through academic record
- c) Through a combination of both

### **26. What are the significant innovations in teaching and learning introduced by the college in the last three years?**

1. Regular internal theory and practical Tests.
2. Remedial classes to slow learners
3. Group Discussions.
4. Workshops/Exhibitions/seminars/conferences.
5. Role Plays.
6. Mentoring
7. Bridge Courses
8. Special Interactive classes to Advanced Learners
9. Special Lectures through Study circles and Science Association.
10. Wall paper publication through Vichar Kranthi

### **27. Any national and international linkages established ? If so, briefly mention.**

1. Police Department
2. Forest Department
3. Mines and Minerology Department
4. Chemical Industries.
5. Judicial Department
6. Agricultural Universities
7. Fisheries Department.
8. Survey Department
9. Central Food Technological Research Institute, Mysore.
10. Nestle India Ltd
11. KIADB Industrial Area
12. Nanjangud Mysore.
13. Central Institute of Plastic and Engineering technology, Mysore.
14. Pasteur Institute of India, Coonoor, The Nilagiris, Tamil Nadu.
15. National Chemical Laboratory, Pune.
16. Centre for Cellular and Molecular Biology, Hyderabad
17. National Institute of Nutrition (NIN), Hyderabad
18. National Institute of Virology (NIV), Pune.
19. Serum Institute of India Pvt. Ltd. Pune



20. Agharkar Research Institute, Pune.
21. Vasanth Dada Sugar Research Institute, Manjari, Pune.
22. Rico Winery Pvt,Ltd, Kannal, Vijayapur, Karnataka.
23. Elite Vintage Winery India Pvt.Ltd, Mudhol, Karnataka.
24. ShriKrishna Milk Industry, Kiruvatti, Yallapur, Uttar Kannada, Karnataka.
25. West Coast Paper Mill. Pvt. Ltd, Dandeli, Karnataka.
26. Muncipal Water Treatment Plant, Amminbhavi, Dharwad.
27. Water Treatment Plant, Kanavi Honnapur, Kalaghatagi..
28. Hangyo Ice Cream Pvt. Ltd, Kiruvatti, Yallapur.U.K
29. Karnataka Milk Federation, Dahrwad.
30. Central Marine Research Fisheries Institute, Karwar, Mangalore, Chennai, Cochin, Pondicherry.
31. Marine Product Export, Development and Authority of India, Karwar.
32. P.G., Department of Marine Biology, Karnatak University, P.G. Centre, Karwar.
33. Back water Fish lending Centre, Fish Meal Factory, Karwar.
34. Malpe fish landing Centre, Fisheries College and Fish Aquarium Pillikula Zoo, Mangalore.
35. Bhadra Project fish seed farm and fresh water Fish Hatchery Centre, Shivamogga.
36. Central Institute of Brackishwater Aquaculture, Zoological Survey of India and Fishery Survey of India, Chennai.
37. National Institute of Oceanography, Central Institute of Fisheries Technology, Marine Products Export Development Authority, Central Institute of Nautical and Engineering Technology, Kerala Fisheries College, National Bureau of Fish Genetic Resources, Fishery Survey of India and Fish Landing Centre, Cochin, Kerala.
38. Boat building yard, Andra Pradesh State Fisheries Training Centre, Kakinada, Andra Pradesh.
39. Fishery Survey of India, Fish Landing Centre, Central Institute of Fisheries, and Vishakhapatnam Port, Vishakhapatnam, Andra Pradesh.
40. Fishery Survey of India and Prawn hatchery, Puducherry, Tamil Nadu.
41. Goa University, National Institute of Oceanography and Fish Landing Centre, Panaji, Goa.
42. Fishery Survey of India and National Centre for Polar and Ocean Research, Vasco, Goa.

28. Any awards received for recognition of teaching?

Nil

29. Does the college have mechanism of student evaluation of teachers to improve the teaching and learning process?

Yes

No

### **30. Is counseling for students available? Yes.**

#### **If so, what are the tangible results?**

1. Needy Students are regularly counselled through experts to overcome examination phobia, to prepare their goal card and personality related issues.
2. Under the banner “SNEHA” all lady faculty members are actively involved in counselling lady students to address the issues related to health and hygiene, sexual harassment, mental depression and ragging etc..

### **31. What are the measures taken by the college to ensure quality in teaching and research?**

1. The staff members are encouraged to attend Workshops, Seminars, Orientation and Refresher courses regularly to enhance their teaching qualities.
2. The staff members are deputed with financial assistance to participate in national/ international conferences, seminars and workshops to present their research work.
3. The staff members are encouraged to seek financial assistance through major/minor research projects.
4. The staff members are encouraged to publish research papers in high reputed peer reviewed journals.

### **32. How does the college strengthen the regular programs?**

1. Feedback from Teacher peer, Students, Parents & Employer.
2. Through internal quality assurance cell recommendations.
3. By arranging special lectures.
4. Through study tours.
5. Through Science exhibitions, Seminars, Elocution, Essay writing, Painting, Cartooning, Rangoli, Bouquet arrangement competition, Mehendi competition, Singing Competition, Dance, Drama and Skit competition etc.. under Gymkhana, Science Association and Akka Ladies Association of our college.
6. Through publication of yearly magazine named “Varna Saptaka”
7. Through upgrading the syllabi from time to time.
8. Interacting with SWO, Dean Faculty of Science, Chair person of Board of Studies of various Departments.
9. Interaction with Alumnus.
10. By procuring latest equipments, journals and books.
11. By deputing students to various activities like summer camps, debates, conferences, intercollegiate meets etc..
12. Teachers are encouraged to take-up research guideship.
13. Regular interactions with office bearers of Karnatak University Teachers forum of different subjects.

### 33. Is there any alumni association?

Yes

### SUGGESTIONS

### 34. What are your suggestions for better teaching and research?

1) Improvement in financial resources	i) Lab Development Fees. ii) Enhanced fees. iii) Through Alumni. iv) Acquiring more funds from funding agencies like UGC, CSIR, DST, VGST etc..
2) Interaction with society and industry	i) Exhibition (academic). ii) Industrial visits & training through MOU. iii) Industry involvement in preparation of curriculum
3) Making college as a central part of the entire activity concerning social, cultural and economic aspects of the region.	i) Providing Platform for various socio-cultural activities.
4) Administrative reforms at college and university level	i) HRD training. ii) Technical training to office staff.
5) Any other suggestions to make the university education need based and relevant.	1) The global need based courses with applied nature are to be encouraged. 2) Independent departments of Maths, Statistics and languages are to be established in the same college

### 35. Whether the recommendations/observations made by the previous AAA Committee implemented?

Sl. No.	Recommendations	Action taken
1	Vacant posts for Teaching /Non-Teaching/laboratory assistants are to be filled on priority basis.	The same has been brought to the notice of higher authorities of Karnatak University, Dharwad for the needful action.
2	Qualified and eligible teachers are to be encouraged to apply for the recognition of Research guides and submit the research proposals to	Many of the teachers received project through PMEB, KUD and other funding agencies.

	different funding agencies.	
3	A separate budget provision is to be made for PG Departments to run these courses effectively.	The same has been brought to the notice of higher authorities of Karnatak University, Dharwad for the needful action.
4	Recruitment of permanent teaching faculty for Biotechnology, Microbiology, Genetics and Industrial fish and fisheries is to be made as there are no permanent teachers.	The same has been brought to the notice of higher authorities of Karnatak University, Dharwad for the needful action.
5	Increase the hostel facilities for girls and boys.	Efforts are being made in this regard.
6	Recruitment of library staff is to be initiated. Digitalization of library is highly recommended.	The same has been brought to the notice of higher authorities of Karnatak University, Dharwad for the needful action. And Efforts are being made to digitize our college library.
7	Alumni Association has to be strengthened and regular activities need to be conducted.	Suitable action is taken by the college in this regard.
8	College has to enter MOU with other institutions / Industries /Departments/ Universities to promote Research/ Placement opportunities.	Many of the teachers are doing research work in collaboration with other institutes/ Universities.
9	Separate rest rooms for boys and girls are to be made.	Facility established.
10	The College campus has to be provided with CCTV surveillance.	Facility is made available.
11	Strengthening of Anti ragging Cell, Sexual Harassment Cell, Students grievances cell / Girl student grievances/ redressal cell for SC/ST students. Human Right cell is required.	Suitable action has been taken in this regard.
12	Establishment of coaching centers for Higher Education & Career opportunities to students is essential.	As our institution is a constituent college of Karnatak University, students are encouraged to go to

		Information and Guidance Bureau situated in the first floor of students home building, KUD where IAS/IPS coaching is provided for the aspiring students also special lectures are arranged by the experts in the field in our college.
13	Steps to be taken under green initiatives: Solar Energy, Rain water harvesting, plastic free campus, Plantations and Composting.	Suitable action plan is initiated in this regard.
14	Introduction of new post graduate Courses, Diploma and Certificate Courses is recommended.	Post graduate course in Botany has been taken up from the academic year 2021-22.
15	Functioning of IQAC needs to be further strengthened to collect relevant information periodically. For this, one staff member from each Department may be identified.	Suitable action has been taken in this regard.
16	College may introduce add-on course through SWAYAM and MOOC on priority basis.	Efforts are being made in this regard.
17	Conduct regular Seminars /Workshops /Conference etc. With the assistance of various funding agencies such as UGC, DBT, DST, VGST and University to expose the students to recent advances.	Efforts are being made in this regard.
18	Organize more extension programmes in surrounding villages to educate woman Empowerment, health and hygiene and resource management.	Efforts are being made in this regard.
19	Budget for the maintenance of all Museums in the college is necessary.	Efforts are being made in this regard.

36. What is the vision of the college for itself and the University by 2020?

**VISION**

**JUST, EQUITABLE, TRANQUIL, HARMONIOUS, SOCIAL ORDER WITH SCIENTIFIC TEMPERAMENT.**

**MISSION**

- To enhance student's ability to make them special and valued thereby creating experiences so surprisingly positive and memorable.
- Providing variety of options for delivering dazzling science education to our students.
- To offer invigorating experiences in a way that builds rapport and create sustainable positive defining moments.
- To inspire students to do what they say they will.
- To help students to network with people who have common needs and interests to do something little extra.
- Providing necessary infrastructure to generate a talented human resource pool, which will be useful to our society at large.
- To transform students in to sharp thinkers, writes, speakers and leaders in the professions of their choice.
- To install scientific temperament in younger generation.

**DATE:**

**Signature of Person**

**Filling the form** : \_\_\_\_\_  
**Name** : **Dr. S. C. Chougala**  
**Designation** : **PRINCIPAL**