

- ICT enabled classrooms : 22
- Under Graduate & Research Laboratories : 30
- Auditorium & Open Air Theater : (01+01) 02
- Museums : 05
- Libraries : 08
- Hostels : 04 (02 Boys + 02 Girls)
- Reading Room : 01
- Rest Room for girls : 02

5. Other Facilities Available

Sl. No	Facilities	Particulars
1	Fire Extinguishers	Yes
2	Canteen	Yes
3	Gym	Yes
4	CCTV	Yes 28 fixed in various class rooms, prime points in the campus
5	Health Center	Yes
6	Bank	Yes
7	Drainage Facility	UGD

6. Computer Facilities

- 130 computers are available in the college and are provided to all the departments and administrative offices.
- Internet facility of bandwidth upto 300 MBPS is provided to all the departments through WiFi.

7. Library Resources

	Total No. of Books	130253
1	No. of Reference Books added in the library during the year 2021-22	200
2	No. of Text Books added in the library during the year 2021-22	87
3	No of e-books	3135000+ Through N-List
4	No of e-journals	6000+ Through N-List
5	No of computers in the library	17
6	Whether college has Digital Library, If yes, give detail.	Yes Partially e-Lib software 1602 Version 2004
7	Issue / Return facility	Yes
8	Reading Room facility	2 reading rooms are kept open from 8.30 am to 8.30pm An additional Reading room is available round the clock 24 x 7

8. Details of the Students enrolled during the academic year

Year 2021-22	Number of seats Admitted			
	SC	ST	Others	Total
B.Sc. I & II sem	130	52	410	592
B.Sc. III & IV sem	54	31	300	385
B.Sc. V & VI sem	70	19	282	371
B.Sc.(CS) III & IV sem	4	1	26	31
B.Sc.(CS) V & VI sem	3	4	33	40
BCA I & II sem	16	6	71	93
BCA III & IV sem	8	1	39	48
BCA V & VI sem	8	3	49	60
M.Sc. Chemistry I & II sem	1	1	34	36
M.Sc. Chemistry III & IV sem	2	2	34	38
M.Sc. Mathematics I & II sem	3	1	30	34
M.Sc. Mathematics III & IV sem	4	2	29	35
M.Sc. Physics I & II sem	0	2	19	21
M.Sc. Physics III & IV sem	1	3	29	33
M.Sc. Botany I & II sem	3	1	24	28
Total	307	129	1409	1845

9. Total number of teaching staff:**Permanent Faculty: 48****Workload Per Week: As per U.G.C. norms**

Sl.No	Name of the teacher & Department	Designation	Qualifications	Specialization and Area of Research
Department of BCA and B.Sc. Computer science				
1	Dr. Nagaraj S.	Assistant Prof.	M.Sc., M.C.A., Ph.D.	Computer science
2	Smt. Lalita Nayak	Assistant Prof	B.E., M.Sc., M.Phil.	Computer science
3	Smt.Ambika R.	Assistant Prof	M.C.A., M.Phil.	Computer science
4	Smt. Kalpana C. Dalawai	Assistant Prof	M.Sc., NET	Computer science
5	Shri. Rajashekar V. Barker	Assistant Prof	M.Tech., NET	Computer science
Department of Botany				
6	Dr. (Smt.) Doris Singh	Professor	M.Sc., M.Phil.,Ph.D	Microbiology
7	Dr. K. Kotresh	Professor	M.Sc, M.Phil, Ph.D	Taxonomy & Bio-Systematics
8	Dr. C. G. Patil	Associate Prof.	M.Sc. Ph.D.	Genetics & Molecular Biology.
9	Dr. K. P. Kolkar	Professor	M.Sc., M.Phil., Ph.D.	Reproductive Physiology & Morphogenesis
Department of Chemistry				
10	Dr. (Smt.) M. S. Salunke	Professor	M.Sc., Ph.D	Inorganic Chemistry & Chemical Kinetics
11	Dr. S. D. Dummawad	Professor	M.Sc., Ph.D	Inorganic Chemistry & Coordination Compounds
12	Dr. S. M. Tuwar	Professor	M.Sc., Ph.D	Physical Chemistry & Chemical Kinetics
13	Dr.(Smt.)V. A. Amminabhavi	Associate Prof.	M.Sc., Ph.D	Physical & Polymer Chemistry.
14	Dr. O. Kotresh	Professor	M.Sc., Ph.D	Organic Chemistry & Sydnones
15	Dr. Raj Kalkambakar	Assistant Prof.	M.Sc., Ph.D	Organic Chemistry
16	Dr.(Smt.) Jayalaxmi	Assistant Prof.	M.Sc., Ph.D	Physical Chemistry
17	Dr. K. S. Katagi	Associate Prof.	M.Sc., Ph.D	Organic Chemistry
18	Dr. (Smt.) S. P. Masti	Associate Prof.	M.Sc., Ph.D	Inorganic Chemistry
19	Dr. Rajappa	Assistant Prof.	M.Sc., Ph.D	Industrial chemistry
Department of Criminology & Forensic Science				
20	Dr. J. L. Kalyan	Professor	M.A., Ph.D	Criminology & Forensic Science. Ex-Criminal Tribe study.

Department of Geography				
21	Dr. L. T. Nayak	Professor	M.A. M.Phil, Ph.D	Environmental & Regional Planning
22	Dr. S. S. Motebennur	Professor	M.A., Ph.D.	Agricultural Geography.
23	Dr. (Smt.) V. B. Savirmath	Professor	M.A., Ph.D.	Marketing Geography.
24	Dr. G. N. Kummur	Associate Prof	M.A., M.Phil, Ph. D.	Agricultural Geography.
Department of Geology				
25	Dr. S. C. Chougala	Associate Prof.	M.Sc., Ph.D	Hydrology and Environmental Geology
26	Dr. J. T. Gudagur	Professor	M.Sc., M.Phil., Ph.D	Hydrology and Environmental Geology/Medical Geology
27	Dr. S. Manjunath	Professor	M.Sc., Ph.D	Hydrology and Economic Geology
28	Dr. R. Y. Budihal	Professor	M.Sc. , Ph.D	Sedimentology
Department of Mathematics				
29	Dr. J. B. Toranagatti	Associate Prof.	M.Sc., M.Phil., Ph.D.	Topology
30	Dr. (Smt.) Keerthi Mirajkar	Associate Prof.	M.Sc., M.Phil., Ph.D.	Graph Theory
31	Dr. Parvatalu	Assistant Prof.	M.Sc., M.Tech.,Ph.D.	Spectral Graph Theory and Frame Theory
Department of Physics				
32	Dr. G. H. Malimath	Professor	M.Sc., Ph.D	Nuclear Physics and Fluorescence Spectroscopy
33	Shri. M. R. Ranganath	Associate Prof.	M.Sc., M.Phil.	Nuclear Physics
34	Dr. Blaise Lobo	Professor	M.Sc., Ph.D	Nuclear Physics and Polymers
35	Dr. (Smt.) Nirupama J. M.	Assistant Prof.	M.Sc., M.Phil., Ph.D.	Nuclear Physics and Fluorescence Spectroscopy
36	Dr. (Smt.) Geeta N. Chavan	Assistant Prof.	M.Sc., M.Phil., Ph.D.	Nuclear Physics and Material Science
37	Smt. Jyothi S. Doddamani.	Assistant Prof.	M.Sc., M.Phil.	Condensed matter Physics
38	Dr. (Smt). Reshma Nesargi	Assistant Prof.	M.Sc., M.Phil., Ph.D	Electronics and Condensed matter Physics
Department of Statistics				
39	Shri. A. S. Ainapur	Associate Prof.	M.Sc.	
40	Dr. Gani Shrishail Ramappa	Associate Prof	M.Sc., Ph.D.	Stochastic Modeling and Simulation
41	Dr. S. R. Megeri	Associate Prof.	M.Sc., Ph.D.	Demography & Econometrics
42	Dr. (Smt.) K. M. Astagimath	Assistant Prof	M.Sc., Ph.D.	Non parametric Inference

Department of Zoology				
43	Dr.(Smt.)A. S. Bellad	Associate Prof.	M.Sc., Ph.D.	Endocrinology & Reproductive Physiology
44	Dr.(Smt.)M.S.Nayak	Associate Prof.	M.Sc. Ph.D	Endocrinology & Reproductive Physiology, Sericulture
45	Dr. (Smt.)Rajeshwari D. Sankal	Assistant Prof	M.Sc., Ph.D	Molecular Biology & Biotechnology
46	Dr. S.S. Mangalwade	Assistant Prof	M.Sc., NET	Reproductive Biology
47	Dr. Harsha Neelgund	Assistant Prof	M.Sc., M.Phil, Ph.D.	Zoology
Department of Physical Education				
48	Shri.D.B.Govindappa	Physical Instructor	B.A., M.P.Ed.	Physical Education

	Female	Male	Total
Permanent teachers	16	25	41
Temporary teachers (Teaching assistants/Guest Faculty)	19	28	47

10. Department wise Sanctioned Posts

Sl. No.	Name of the Department	Sanctioned posts	Number of teachers Presently working	
			Permanent teachers	TA/GF
1	Botany	11	04	03
2	Chemistry	17	10	03
3	Criminology & Forensic Science.	06	01	04
4	Geography	10	04	05
5	Geology	06	04	-
6	Physics	18	07	03
7	Zoology	12	04	03
8	BCA & B.Sc.(CS)	00	05	09
9	M.Sc.(Mathematics) Self financed	06	Nil	03
10	M.Sc.(Chemistry) Self financed	06	Nil	06
11	M.Sc.(Physics) Self financed	06	Nil	04
12	M.Sc.(Botany) Self financed	Nil	Nil	02

11. Subject-wise Teacher-Student Ratio:

Course	Discipline	No of Teachers (Permanent + TA/GF)	Total Students	Teacher Student Ratio
B.Sc.	Botany	7	289	1:41
	Genetics	2	46	1:23
	Chemistry	13	651	1:50
	Biotechnology	3	80	1:27
	Computer Science	2	104	1:52
	Criminology & Forensic Science.	5	225	1:45
	Geology	4	169	1:42
	Geography	9	138	1:15
	Mathematics	5	491	1:98
	Statistics	4	146	1:37
	Physics	10	404	1:40
	Electronics	2	36	1:18
	Zoology	7	358	1:51
Microbiology	3	62	1:21	
Industrial Fish & fisheries	2	57	1:29	
BCA & B.Sc.(CS)		14	273	1:20
M.Sc	Chemistry	6	74	1:12
	Mathematics	3	69	1: 23
	Physics	4	54	1:14
	Botany	2	28	1:14

2. Number of members of non- teaching staff of the college at present:

		Female	Male	Total
Administrative	Permanent	05	08	13
	Contract Base	2	3	05
Technical staff	Permanent	-	6	6
	Contract Base	17	36	53
Total		24	53	77

13. Students progression of the college for the year 2021-2022:

The student of B.Sc. VI semester of our college Ms C. V. Nandita secured 8th Rank to Karnatak University Dharwad.

A) B.Sc

Year	Semester	Total No. of students appeared	No. of students passed	No of student secured distinction	No. of failed students
March/April -2022	I	471	342 (72.61%)	289 (61.36%)	129 (27.39%)
	III	382	292 (76.43%)	183 (47.90%)	90 (23.56%)
	V	365	323 (88.5%)	225 (58.90%)	42 (11.5%)
AUG - 2022	II	461	343 (74.4%)	297 (64.42%)	118 (25.6%)
	IV	376	323 (85.90%)	194 (51.59%)	53 (14%)
	VI	365	318 (87%)	258 (67.36%)	47 (12.8%)

B) B.Sc Computer Science

Year	Semester	Total No. of students appeared	No. of students passed	No of student secured distinction	No. of failed students
March/April - 2022	I	NIL	NIL	NIL	NIL
	III	30	27 (90%)	22 (73.3%)	03 (10%)
	V	38	36 (94.74%)	33 (86.84 %)	02 (5.3%)
AUG - 2022	II	NIL	NIL	NIL	NIL
	IV	30	28 (93.33%)	20 (66.66%)	02 (6.66%)
	VI	38	35 (92.1%)	31 (91.6%)	03 (7.9%)

C) BCA

Year	Semester	Total No. of students appeared	No. of students passed	No of student secured distinction	No. of failed students
March/April - 2022	I	90	58 (64.44%)	40 (44.44%)	32 (35.55%)
	III	50	48 (96%)	41 (82%)	02 (4%)
	V	66	62 (93.93%)	51 (77.27%)	04 (6.06%)
AUG - 2022	II	88	55 (62.5%)	47 (53.4%)	33 (37.5%)
	IV	50	49 (98%)	42 (84%)	01 (2%)
	VI	66	63 (95.45%)	54 (81.81%)	03 (5.54%)

D) M.Sc. Physics

Year	Semester	Total No. of students appeared	No. of students passed	No of student secured distinction	No. of failed students
2021-22	I	34	32 (94.11%)	-	2 (5.88%)
	III	34	32 (94.11%)	6 (17.6%)	2 (5.88%)
2021-22	II	34	34 (100%)	16 (47%)	-
	IV	33	28 (84%)	-	05 (15.15%)

E) M.Sc. Chemistry

Year	Semester	Total No. of students appeared	No. of students passed	No of student secured distinction	No. of failed students
2021-22	I	36	23 (63.88%)	--	13 (36.11%)
	III	36	28 (77.77%)	01 (2.9%)	08 (23.52%)
2021-22	II	36	36 (100%)	03 (8.33%)	00
	IV	36	25 (69.44%)	02 (5.55%)	06 (16.66%)

F) M.Sc. Mathematics

Year	Semester	Total No. of students appeared	No. of students passed	No of student secured distinction	No. of failed students
2021-22	I	34	34 (100%)	26 (76.5%)	00
	III	34	34 (100%)	25 (73.5%)	00
2021-22	II	34	34 (100%)	28 (82.35%)	00
	IV	34	34 (100%)	31 (91.2%)	00

G) M.Sc. Botany for 2021-22

Year	Semester	Total No. of students appeared	No. of students passed	No of student secured distinction	No. of failed students
2021-22	I	24	24 (100%)	02 (8.3%)	-
	II	24	24 (100%)	10 (41.66%)	-

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

√ Yes

No

1. **Dr. Rajesh G. Kalkhamkar** of Department of Chemistry has collaboration with Centre for Research in Functional Materials (CRFM), JAIN University, Bengaluru.
2. **Dr. Saraswati Masti** of Department of Chemistry has collaboration with Dr. Ravindra B. Chougale, Department of Chemistry, Karnatak University, Dharwad.
3. **Dr. Saraswati Masti** of Department of Chemistry has collaboration with Dr. Praveenkumar S. K. , Department of Biochemistry, Karnatak University, Dharwad.
4. **Dr. Saraswati Masti** of Department of Chemistry has collaboration with Prof. R.F. Bhajantri of Department of Physics, Karnatak University, Dharwad.
5. **Dr. Saraswati Masti** of Department of Chemistry has collaboration with Dr. V. Shyamkumar , Department of Biotechnology and Microbiology, Karnatak University, Dharwad.
6. **Dr. Saraswati Masti** of Department of Chemistry has collaboration with Dr. Deepak R. Kasai, Faculty of Engineering and Technology Jain (Deemed-To-Be University), Jakkasandra, Bangalore-562112
7. **Dr. Saraswati Masti** of Department of Chemistry has collaboration with Dr. Ismayil, Manipal Institute of Technology, Manipal.
8. **Dr. G. H. Malimath** of Department of Physics has collaboration with Dr. Lohit Nayak , Christ University, Bangalore.
9. **Dr. G. H. Malimath** of Department of Physics has collaboration with Dr. Jagdeesh Angadi, PC Jabin Science College, Hubli.
10. **Dr. G. H. Malimath** of Department of Physics has collaboration with Dr. Rajappa of Department of Chemistry, Karnatak Science College, Dharwad.
11. **Dr. G. H. Malimath** of Department of Physics has collaboration with Prof. Shastri of Department of Chemistry, Karnatak University, Dharwad.
12. **Dr. Blaise Lobo** of Department of Physics has collaboration with Dr. Saraswati Masti of Department of Chemistry, Karnatak Science College, Dharwad.
13. **Dr. Blaise Lobo** of Department of Physics has collaboration with Prof. R.F. Bhajantri of Department of Physics, Karnatak University, Dharwad.
14. **Dr. K. Kotresha** of Department of Botany has collaboration with K.L.E.'s P. C. Jabin Science College, Hubballi.
15. **Dr. K. Kotresha** of Department of Botany has collaboration with Nichrome Testing Laboratory and Research Pvt. Ltd, Dharwad.
16. **Dr. K. Kotresha** of Department of Botany has collaboration with V.K.F Agri Farms Pvt. Ltd., Dharwad.

15. Whether IT enabled teaching introduced?

Yes No.

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

17. 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) | | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
- Museums in many departments

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

- a. Funds by State Government (through University)
- b. Funds through fees.
- c. Funds through enhanced fees.
- d. Funds by U.G.C.
- e. Funds from Alumni.

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

- i. Facilities are utilized to conduct Degree, P.G. & Ph.D. courses.
- ii. Theory and Practical classes are engaged in the existing infrastructure from 7:50am to 6:30pm.
- iii. The department libraries are kept open for the students from 10.30 am to 6:00pm.
- iv. V. K. Gokak Library is kept open for the students from 8.30am to 8.30pm and an additional Reading Block is open for 24 x 7.
- v. The department museums are kept open for the students from 11:00am to 5:30pm.
- vi. Free Medical facilities are extended to all students, teaching & non teaching staff from 10.30 am to 6.30pm.
- vii. Online mode of payment is provided for the payment of fees, that saves the time of the students from standing in long queue in the Bank.

- viii. 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.
- ix. Play Grounds are used by our students and also used by public.
- x. The college is also an evaluation centre of KUD.
- xi. District/State level Cultural and sports meets are organized by Govt. of Karnataka in the campus

19. List of innovations practiced in the college:

(Projects, internships, field training, and seminars)

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

19 a) MoU's signed by the college

Organization with which MoU is signed	Name of the institution/ industry/ corporate	Date of signing MoU	Duration	List of activities	Number of students/ teachers participated under MoU's
My Smart Shala Edu-Easy India Private Ltd Belgavi	Department of Computer Science, Karnatak Science College, Dharwad	28 th Jan 2022	3 years	-	-
Apponix Technologies Private Ltd, Bangalore	Department of Computer Science, Karnatak Science College, Dharwad	10 th May 2022	3 years	10 days “Hands-on Training Cum Certificate Course on Web Technology” On 26-05-2022 ,	60

RESEARCH, CONSULTANCY AND EXTENSION

20a) Details of students awarded with Ph.D. Degree during the year 2021-22

Sl.No.	Name of the guide	Name of the student for Ph.D.	Title of thesis
1	Dr. S. M. Tuwar (Chemistry)	Vinoda B. Patil	Electrochemical analysis of some medicinally important molecules and their analytical applications
2	Dr. S. M. Tuwar (Chemistry)	Rakesh R. Sawkar	Electrochemical analysis of some bioactive molecules
3	Dr. Manjunath S. (Geology)	Mr. Chandrashekar Kalyani	Hydrogeological studies in Shalamala sub basin, Karnataka
4	Dr. Rajesh Kalkambakar (Chemistry)	Pavankumar Prabhala	"Synthesis of biologically active aromatic and heterocyclic via convectional methods and/or using Ionic liquids"
5	Dr. (Smt.) Saraswati P. Masti	Shivayogi Narasgoudar	Thermal, Structural and Spectroscopic Study of Biodegradable Polymer Blend/ Active Films for Food Packaging Applications.

20 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 Specie.	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. Mokbanur	Floristic Studies in Angiosperms of Haveri District, Karnataka	Fulltime
		14. Shri Shreyas Betageri	Diversity and Seed Morphometric Studies on Orchidaceae of North Karnataka	Fulltime

3	Dr. C. G. Patil (Botany)	15. Mr. Adarsh A. Pundalik	Assessment of Genetic Diversity in the Genus <i>Abelmoschus</i> Medik. (Malvaceae)	Full time
		16. Ms. Suman M. Salimath	Assessment of Genetic Diversity in the Genus <i>Sesamum</i>	Fulltime
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 <i>Cattonia</i> Orchidaceae.	Full time
		19. Ms.Nootan Ramesh Kurane	Histochemical studies on development of reproductive structures in <i>Cottonia peduncularis</i> (Lindl.)Rchb.f. Orchidaceae	Full time
		20. Smt.Shivani Tukaramsa Irakal	Developmental study on Male and Female reproductive structures in some species of <i>Ophiorrhiza</i> L. (Rubiaceae) using Histochemical techniques.	Full time
5	Dr. R. D. Sankal (Zoology)	21. Shobha M.	Studies on the distribution and diversity of soil microfauna at the vicinity of sugar and fertilizer industries in Karnataka	Part Time
		22. Shrinivas Neglur	Studies on effect of Fenaoxyprop - p ethyl on Behavioural Biochemical and haematological changes in fresh water Fish <i>Cyprinus Carpio</i>	Full time
		23. Shyam Shavi	Studies on effect of industrial effluents on the diversity of aquatic fauna in Northern Karnataka	Part Time
		24. Sampada M.	Studies on effect of heavy metal (Hg) toxicity on Reproduction biochemical and haematological changes in earth worm <i>Eadrilus euginae</i>	Full Time
6	Dr. J. T. Gudagur (Geology)	25. Mr. Lingaraj	Hydrogeological and Geochemical Studies with Reference to Pollution of Surface and Sub-Surface water due to Anthropogenic and Geogenic Causes in	Full time

			Nandihal Halla Watershed of Manvi, Devadurga nad Sindhanur Taluks of Raichur District, Karnataka State.	
		26. Mr. Umesh Jادیappa 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
		27. 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
		28. Ms. Pradnya Govekar	Hydrogeological and Hydrogeochemical Characters of Surface and Subsurface Water of Hirehalla Sub-Basin of Badami Taluk, Bagalkote District, Karnataka.	Full Time
		29. Mr. Raju Laxman Chavan	Petrology, Geochemistry and Genesis of Banded Iron Formations and Associated Rocks in Kappatagudda Gadag District, Karnataka	Full time
		30. Mr. G. S. Subbapurmth	Structural Features in the Proterozoic Rocks at & around Murgod, Belagavi District, Karnataka.	Full time
7	Dr. Manjunath S. (Geology)	31. Mr. Nagalingaswami K. Vishwabrahman	Hydrogeological studies with special reference to fluoride in groundwater of Yadagiri taluk, Karnataka state.	Full Time
		32. Mr. Rakesh Patil	Hydrogeological analysis of Tattihalla basin using remote sensing and GIS techniques	Full Time
		33. Mr. Swanand A. Ajgaonkar	Hydrogeological studies of Lingusugur taluk, Raichur District, Karnataka	Full Time
		34. Mr. Sujith Kulkarni	Integrated hydrological studies of Sholapur taluk, Yadgir districts, Karnataka.	Full Time
		35. Mr. Vinayak Lohar	Hydrogeological and hydrogeochemical Studies of Hirehalla Watershed	Full Time

			Chikkodi and Gokak Area, Belagavi District, Karnataka Using Remote sensing and GIS techniques	
		36. Riyaz A. S.	Hydrogeological studies of Raichur taluk, Karnataka using remote and GIS techniques.	Full time
		37. Mr. Basavaraj Chikkasamshi	Integrated Hydrogeological Studies of Hiranyakeshi Water Shed, Belgaum District, Karnataka, India using Remote Sensing and GIS Techniques	Full Time
8	Dr. Rajesh Kalkambakar (Chemistry)	38. Suraj Sutar	"Synthesis of biologically active aromatic and heterocyclic compounds Using Ionic liquids"	Full time URS Fellowship
		39. Shruti S. Malunavar	"Applications of Ionic liquids in the synthesis of Highly Functionalized Organic Scaffolds"	Full Time Vidyasiri Ph.D. Fellowship
		40. Imamhusen Jamadar	"Synthesis and biological evaluation of oxygen and nitrogen heterocycles"	Part Time
		41. Vinod Jadhav	"Synthetic studies of biologically active aromatic and heterocyclic compounds using Ionic liquids"	Part Time
		42. Athmanand Anchi	"Applications of Ionic liquids in the synthesis of Highly Functionalized Organic molecules"	Full Time Vidyasiri Ph.D. Fellowship
		43. Preeti Mulimani	"Design and Development of nature inspired organic molecules for some environmental applications"	Full Time
9	Dr. K. S. Katagi (Chemistry)	44. Mahesh Akki	Design Synthesis Pharmacological and Technical Perspectives of Some Novel Heterocyclic Compound	Full Time Vidyasiri Ph.D. Fellowship
		45. Vardhaman Babagond	Design Synthesis and Characterization of Novel Heterocyclic Compounds: An approach to Photophysical and Biological Studies	Full Time
		46. Surekha Kademani	Synthesis and Characterization of Liquid Fuel from non-edible seed oils and investigation on their Technological	Part Time

			Perspectives			
		47. Vijaykumar Tumbad	Synthesis and Characterization of Biodiesel: Optimization of feedstock based on Lipid Profile	Full Time		
		48. Ms. Ashwini Jaggal	Design, Synthesis and Characterization of Novel Heterocyclic Compounds: A Special Focus on their Biological and Photophysical Studies			
		49. Mr. Mahesh Kenchagoudar	Synthesis and Characterization of Liquid Fuels: A Strategic Approach for the Optimization of Feedstock			
		10	Dr. (Smt.) Jayalaxmi (Chemistry)	50. Nikita Kurkuri	Metabolite profiling of non-targeted chemical components in medicinal plants: NMR based Metabolomics	Full Time
				51. 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
52. Poornima. C.Kulageri	Identification and quantification of various chemical constituents present in Nutraceuticals: NMR Spectroscopic based Metabolomics Approach.			Full Time		
11	Dr. Rajappa (Chemistry)	53. Arjun G. Kalkhambkar	Screening of Electroactive Organic Compounds as a Corrosion Inhibitor for Mild steel in Acid medium	Part time		
		54. Manohar Rathod	Investigation of electroactive components extracted from plants and their corrosion inhibition for mild steel”	Full time URS Fellowship		
		55. Gurunath S. Janakunavar	Corrosion mitigation of mild steel and zinc in acid medium	Part time		
		56. Ragini L. Minagalavar	Ferrous metal corrosion protection by natural and synthetic resources: Chemical, Electrochemical and Surface characterization	Full Time		
		57. Geeta D Pai	Effect of plant extract for corrosion protection on low carbon steel in aqueous corrosive medium	Part time		

12	Dr. Saraswati Masti (Chemistry)	58. Nagaraj Gouda	Synthesis and Characterizations of Natural Drug Doped Biodegradable Polymer Composite and Blend Films for Potential Applications.	Part Time
		59. Shivayogi Narasgoudar	Thermal, Structural and Spectroscopic Study of Biodegradable Polymer Blend/ Active Films for Food Packaging Applications.	
		60. Veena G. Bhat	Synthesis and Evaluation of Nano Particles Doped Biodegradable Polymer Composite	Part Time
		61. 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
		62. Manjushree Nagaraj Gunaki	Synthesis and Characterization of Biopolymer Based Blend/ Composite Films as Packaging Materials.	Full Time & Vidyasiri Ph.D. Fellowship
		63. Lingaraj Kariyappa Kurabetta	Evaluation of Mechanical, Structural and Functional Properties of Polysaccharide Composed Polymer Blend Films for Active Food Packaging.	Full time
		64. Suhasini Madihalli	Preparation and Evaluation of Active Ingredient Incorporated Polymer Blends/Composite Films for Various Applications.	Full Time & Vidyasiri Ph.D. Fellowship
		65. Ajitkumar A. Hunashyal	Evaluation of Physico-Chemical and Functional Properties of Biodegradable Polymer Blend/ Composite Films for Potential Applications	
13	Dr. L. T. Nayak (Geography)	66. Smt. Poornima K. Naik	Impact of Textile Industries on the development of Rabakavi and Banahatti	Part time

			Urban region: A Geographical Analysis	
		67. B. D. Ajjodi	Assessment of regional disparities in North Karnataka: A Special strategy for planning and sustainable development	Part time
		68. Prakash Hullur	Assessment of Socio Economic dimensions of rural development in Gadag district: A Geographical Analysis	Full time
		69. N. G. Math	Special pattern and hierarchy of rural settlement in Vijayapur district – A strategy for balance settlement	Full time
14	Dr. (Smt.) V. B. Savirmath	70. B.G.Madli	Imbalanced sex ratio of Bidar and Udupi districts: A Comparative Spatial Analysis	2013 Part time
		71. R.V. Rayannavar	Spatial pattern of slum formation in Haveri District and its impact on urban dwellers	2014 Part time
		72. Sukumar Kokatanur	“Environmental Impact of limestone Quarrying And Cement Manufacturing: A Case Study Of Bagalkot District, Karnataka State	2016 Full time
		73. Shakuntala Akki	Impact of Level of Education on Women Empowerment In Dharwad District: A Geographical Analysis	2020 Full time
		74. Chetan Patil	Accessibility and Utilization of Healthcare facilities in Gadag district:A Geographical Analysis’	2022 Part Time
15	Dr. G. H. Malimath	75.Thippeswamy M.S.	Studies of Photophysical Properties of some organic compounds of optoelectronic and biological interest	Part time
		76. Veeresh Hiremath	Synthesis and Characterization of some rare earth doped ferrite nanoparticles for sensor applications	Part time
		77. Praveen	Energy transfer and Quenching Studies on some organic compounds of Biological and Optoelectronic interest.	Full time JRF
16	Dr. Blaise Lobo	78. Shruti S. Devangamath	Experimental Study of Microstructure And Physical Properties of Hybrid Materials	Full time

		79. G. Veena	Experimental Investigation of The Physical Properties of Nanostructured Polymeric Materials	Full time RGNF
		80. Rajeshwari Mirji	Experimental Investigation of The Microstructures and Properties of Conducting Polymeric Blends Using Nuclear Techniques and Complementary Methods	Full time
		81. Mrs. Vijayashri Ashok Kandagal	Studies on Organic and Inorganic Materials using Positron Annihilation Spectroscopy and External Bremsstrahlung	Part Time
		82. Manjappa C. K.	Experimental and Computational Study of Radiation Shielding Materials	Full Time
		83. Akkamma B.	Experimental study of some polymeric composites with suitable additives	Full Time

21. Details of research projects (Ongoing/Completed)

Sl.No.	Name of the Investigator	Name of project	Funding Agency	Amount Sanctioned (in Lakhs)	Ongoing/ Completed
1	Dr. S. P. Masti (Chemistry)	Physico-Chemical properties of ternary blend films for food packaging Applications	DST-SERB	41.92	Completed
2		Preparation and Evaluation of Biopolymer based films for active food packaging Applications	PMEB KUD	0.5	Completed
3	Dr. Manjunath S. (Geology)	Integrated Hydrogeological Studies of Lingasugur taluk, Raichur District, Karnataka	DST-SERB	23.1	Completed
4	Dr. R. G. Kalkhambker (Chemistry)	Synthesis of coumarin and quinoline derivatives as novel drug like molecules	DST	27	Completed
5		Design and Synthesis of highly functionalized coumarin chromophores as plausible fluorescent probes"	PMEB KUD	0.5	Completed
6	Dr. K.S. Katagi (Chemistry)	Investigation on Economically Viable and	PMEB	0.5	Completed

		Novel Seed Oil Sources as Potential Biomass for the liquid Fuel Production: Based on Fatty Acid Chemistry	KUD		
7	Dr. Jayalakshmi (Chemistry)	Metabolite Profiling of Nutraceuticals: NMR based Metabolomics Approach	PMEB KUD	0.5	Completed
8	Dr. S.K. Rajappa (Chemistry)	Investigation of plants extract as corrosion inhibitors for mild steel in acid media	PMEB KUD	0.5	Completed
9	Dr. K. Kotresha (Botany)	Carbon Sequestration and Pictorial Documentation of Plants Diversity in Karnatak University Campus, Dharwad	PMEB KUD	0.5	Completed
10		Naming the Plants of Karnatak University Campus, Dharwad with QR Code, Karnatak University, Dharwad	PMEB KUD	0.65	Ongoing
11	Dr. Nirupama J.M. (Physics)	Interaction of substituted chalcones with metal / semiconductor nanoparticles for their possible sensor applications	PMEB KUD	0.5	Completed
12	Dr. Reshma A. Nesargi (Physics)	Magnetoconductivity due to confined acoustic phonons in freestanding quantum well structures	PMEB KUD	0.5	Completed
13	Dr. Nagraj (BCA)	A Study on texture features of underwater images using local binary patterns	PMEB KUD	0.5	On going

22. List of Major Research Instruments /Equipments available in the

college

Department of Botany			
Sl.No.	Particulars	Quantity	Approximate Cost (in Rs.)
1.	Microscope (Compound)	02	12000/- (Each)
2.	Microscope with 10X, 100X eyepiece	01	30000/-
3.	UV Visible Spectrophotometer	01	125000/-
4.	Incubator	01	40000/-
5.	Analytical Balance	01	40000/-
Department of Chemistry			
1	UV-Visible spectrophotometer with Peltier cooled temperature controlling system	01	5,00,000/-
2	Electrochemical Work station with acer PC Cary 100, Malasiya /G9820AA- Cary 100 Agilent Technologies	01	5,00,000/-
3	Electro phoretic apparatus	01	7,500/-
4	Rota with chiller	01	4,00,000/-
5	Oil bath	01	50,000/-
6	Hot air oven,	02	49,990/- (Each)
7	ice machine	01	96,000/-
8	Universal testing machine,	01	13,02,980/-
9	Electronic Analytical Balance	01	93,550/-
10	Ultrasonic cleaner	01	44,857/-
11	Distillation unit	01	78,308/-
12	Spin coating machine	01	72,900/-
13	Flame Photometer	01	75,000/-
14	Nephelo turbidity meter	01	11,500/-
15	Magnetic stirrers	07	14616/- (Each)
16	Horizontal and vertical deep freezer	01	75,000/-
17	Polymerize Chain Reaction instruments CHI Instrument, Inc. USA / CHI 1110C	01	1,30,000/-
18	pH meter	01	10,877/-
Department of Physics			
1	Precision LCRmeter	01	99,950/-
2	Digital balance	02	8,000/-
3	Accurate digitalmultimeter with computer interfacing	01	25,000/-
4	Sodium Iodide(Thallium) Scintillator Gamma-Ray spectrometer with 8k MCA	01	3,00,000/-
5	GM Counters	04	50,000/-

6	Portable GammaRay Spectrometer with 1k MCA	01	2,50,000/-
7	Refractometer	01	1,999/-
8	Digital Storage Oscilloscopes	02	25,000/-
9	Temperature Controlling unit	01	75,000/-
10	Microwave apparatus,	01	1,20,000/-
11	Ultrasonic interferometer	01	27,000/-
Department of Geology			
1	Petrological Microscopes	12	3,60,000/-
2	GPS	02	94,587/-
3	Resistivity Meter	01	2,50,000/-
4	PC-Based double beam UV-VIS Spectrophotometer	01	2,74,657/-
5	3-D Models of Land forms	12	12,000/-
6	LCT, All types of maps		
7	Surveying Instruments		
Department of Zoology			
1.	Compound Microscope	06	48,980/-
2.	Mini Quartz Distiller 3PQ cop 3 lit	01	36,265/-
3	Colony Counter Digital	02	10,000/-
4	Remi Water Bath Shaker with 12 trays Model RSB 12	01	19,000/-
5	Camera Lucida	10	8,486/-
6	Bacteriological Incubator 450x450	01	15,500/-
7	Laminar Air Flow Microlift (India)	01	43,120/-
8	Labomed Binocular Research microscope	01	62,500/-
9	Orbital shaker with incubator Rivotek	01	47,652/-
10	Laboratory Centrifuge with Rotor	01	19,351/-
11	Gel running unit Merck Bioscience make	01	14,771/-
12	Digital pH meter LI-120 Elico with Electrode	01	10,877/-
13	Portable Autoclave (Rotek, 20 ltr)	01	16,030/-
14	Panasonic solo Micro oven	01	9,733
15	BOD Cold Incubator	01	94,990/-
16	Fumigator Machine 3 liters with 2800 Rpm Superior make	01	
17	Micron- Binocular microscope	04	94,872/-
18	Deep freezeR -20°C	01	37,120/-
19	Single Distillation Unit	02	39,766/-
20	Digital pH meter with electrode and Temp controller and with 0.001 sensitivity 2001m	01	20,060/-
21	Digital Serological Water Bath Rectangular	01	30,090/-
22	Fully Automatic Colorimeter	01	
23	Panasonic Split AC	01	53,290/-
24	Analytical Digital Weighing Balance	01	21,853/-
25	Micro Controller Based Photoelectric colorimeter with Eight Filters	01	24,532
26	Digital Sepctrophotometer	01	25,370
27	Kwality - Compound Microscopes with oil immersion objectives	09	97,897/-

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et 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, Geography 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.

23. Details of Publications :

Publications	National	International
Number of research papers	08	89
Number of Conferences attended	26	37
Number of books/Book Chapter	4	-
Awards and recognition	4	-

23 a) Awards and recognition

1. **Manohar Rathod** Ph. D. student of **Dr. Rajappa** of Department of Chemistry received the **Best Scientist award** in international conference held on 7th August 2021 at Srinivas University, Mangalore.
2. **Gurunath S. Janakunvar** Ph. D. student of **Dr. Rajappa** of Department of Chemistry received **Best Oral Paper presentation award** in international e conference held on 11th and 12th Sept 2021 at HIM Science Congress, HP.
3. **Dr. K. S. Katagi** of Department of Chemistry, Karnatak Science College, Dharwad was awarded with **State Level Shikshana Siri Award** by Karnataka State Teachers, Lecturers Kriya Samithi (R), Bangalore.
4. **Dr. Saraswati Masti** of Department of Chemistry, Karnatak Science College, Dharwad received **Best Paper Award** on the occasion of National Science day from Karnatak University, Dharwad.

24. Details of extension activities conducted during the academic year 2021-22

Sl.No.	Department	Dates	Title of the Webinar	Number of students attended
1	IQAC /P. G. Department of Mathematics	17 th -18 th May, 2022	Two days enrichment training on "Mathematical operations with Scilab"	70
2	Physics	18 th -19 th May 2022	"TWO DAYS SKILL ENHANCEMENT PROGRAM ON EMBEDDED SYSTEMS USING ARDUINO" (For B. Sc. (Electronics) and M.Sc. (Physics) Students)	32
3	IQAC & P. G. Department of Mathematics	16 th -17 th March, 2022	Orientation Program on "Research Methodology in Mathematics"	70
4	Chemistry	4 th February 2022.	ONLINE workshop: Relook in the curriculum of Chemistry for B.Sc. Sem -I & II : DSC and OEC under National Education Policy (NEP) 2021-22	B.Sc. 1 Students
5	Botany	29 th October 2021.	one day workshop entitled "Implementation of National Education Policy (NEP) in Botany"	20
6	Botany	25 th June 2022.	one day workshop entitled "NEP for B.Sc. Botany 3rd and 4th Semester Syllabus"	UG & PG

7	IQAC	30-05-2021	"One Day Virtual Training on Awareness on Intellectual Property Rights"	56
8	Cultural department Gymkhana	20-4-2022	Essay competition on Vachana analysis	40
9	IQAC & SWO	20.11.2021	Induction Program for B.Sc and BCA students	268
10	SWO	12.1.2022	Vaccination Camp	650
11	SWO & IQAC	24.5.2022	Students Councelling Program	62
12	SWO & IQAC	26.5.2022	One day Training Program on Entrepreneurship	89
13	SWO & IQAC	23.6.2022	Save Soil Under Value based Activity for NEP students	131
14	Botany	December 2021	Botanical Study Tour B.Sc. I Sem. Students 2022	104
15	Botany	December 2021	Botanical Study Tour B.Sc. V Sem. Students 2021	76

25. Details of Activities conducted by Akka Ladies Association.

Sl.No	Date	Name of activity	No. of student Attended
01	08-03-2022	International Women's day Celebration	150
02	24-03-2022	"Students Mental Health" Special lecture	120
03	25-05-2022	Student Counseling	190

26. Details of Activities conducted by Cultural Department of the College Gymkhana

1. **World Environmental Day** was celebrated on 5th June 2021 about 100 students participated and planted trees in and around the College Campus.
2. **Independence day** was celebrated on 15th August 2021 about 95 students participated in the celebration.
3. **Gandhi Jayanti** was celebrated on 2nd Oct 2021.
4. **Valmiki Jayanti** was celebrated on 20th October 2021
5. **Kanaka Jayanti** was celebrated on 11th Nov 2021.

6. On the eve of Swami Vivekanand Jayanti an Essay Competition was conducted on 18/01/2021 on “ **Views & Ideology Of Swami Vivekananda**” about 40 students participated in the competition and prizes were distributed.
7. **Indian Constitution Day** celebrated on 26th Nov 2021.
8. **Republic day** was celebrated on 26th Jan 2022.

26 a) Details of Extracurricular Activities conducted by Cultural Department of the College Gymkhana at the College.

Event	Name of the student	Prize won
Drawing Competition	1. Vinaykumar Shellikeri	I Place
	2. Sanjeev Hadimani	II Place
	3.Ganesh Sunagar 4.Kamala Neeralakatti	III place
Speech Competition	1. Poornima Savadattimath	I Place
	2. Danamma Mugadumma	II Place
	3. Triveni Neelannavar	III Place
Essay Competition	1. Sanjeev Hadimani	I Place
	2. Kiran I Pujar 3.Suma Kshourad	II Place
	4. Pallavi Prakash Angadi	III Place
Essay competition on Vachana analysis	Ms. Chaitra Hiremath	III Place Cash prize of Rs. 500/-

27. Sports Achievements

List of University Blues for the year 2021-22

Sl.No	Name of the Student	Discipline	Venue
1	Tanuja Mantur	Basket ball	Participated in Inter University Championship /Tournament held at Mahatma Gandhi University, Kottayam Kerala
2	Varun Desai	Chess	Participated in Inter University Championship /Tournament held at S.R.M. University Kattankulathur Tamil nadu
3	Shreyas P.V.	Foot ball	Participated in Inter University Championship /Tournament held at Mahatma Gandhi University, Kottayam Kerala
4	Tanuja Mantur	Hand ball	Participated in Inter University Championship /Tournament held at Bangalore University Bangalore
5	Santosh Roogi	Hockey	Participated in Inter University Championship /Tournament held at

			Bangalore University Bangalore
6	Tanuja Mantur	Net ball	Participated in Inter University Championship /Tournament held at Central University of Himachal Pradesh Dharamshala
7	Nachiketan Bhajantri	Throw ball	Participated in 30 th Junior National level Championship held at Andhra Pradesh

28. NSS Activities

Sl.No	Name of Activity	Date of Activity	Number of students participated
1	Plantation Programme	28/06/2021	20
2	Covid Vaccination Programme	30/06/2021	100
3	Swachha Bharat Abhiyan	04/07/2021	90
4	Sadhbhavana Day	20/08/2021	85
5	Plastic Awareness Programme.	10/12/2021	60
6	Mask Distribution	12/12/2021	85
7	Covid Vaccination Programme	12/01/2022	90
8	Fit India Run Programme	19/01/2022	40
9	National Girl Child Day	24/01/2022	90
10	Martyers Day (Hutatmara Dina)	30/01/2022	89
11	World Water Day	22/03/2022	85
12	Anti Terrorism Day	21/05/2022	88

28 a). NSS Achievements

Sl.No.	Name of the NSS Volunteer	NAME OF THE ACTIVITY	Date of the Activity
1	Vishwanath Baggol	Attended National Integration camp NSS unit Kuvempu University	17/07/2023
2	H M Vinay	Selected and Participated in Youth Parliament at Vidhanasoudha Bangalore	4,5,6/07/2023

3	H M Vinay	Participated in Youth Conclave 2023 At Agriculture University Dharwad	6,7/10/2023
4	H M Vinay	Participated in University level Pre R.D. Camp 2023	09/10/2023
5	Shivayogi Haveri	State level The Best NSS Volunteer Award	12/09/2022
6	Shivayogi Haveri	Attended National Integration camp	08/09/2022
7	Shivayogi Haveri	National camp at karnataka university	21/02/2022
8	Shivayogi Haveri	Inter-district camp at karnataka university	29/03/2022
9	Shivayogi Haveri	Tree Plantation at karnataka university (707 plants)	05/06/2022
10	Shivayogi Haveri	State Youth Folker Award at Chikkamanglore	07/07/2022
11	Shivayogi Haveri	State Award at Glasshouse Rajbhavan Bangloere	10/09/2020
12	Shivayogi Haveri	Saalumaradha Thimmakka Award	08/10/2021
13	Shivayogi Haveri	Participated in State Youth Festival at Chikkamanglore	18/12/2022
14	Shivayogi Haveri	Participated in National Youth Festival at Dharwad	12/01/2023
15	Shivayogi Haveri	Participated in National Conference IIT Dharwad	14/06/2022
16	Shivayogi Haveri	Participated in International Conference at PC Jobin	27/06/2023
17	Shivayogi Haveri	Attended as Trainer at GFGC college Shiggav	23/06/2022

29. NCC Achievements

Sl.No.	Name of the Achiever	Rank	Achievements
1	Rajshakar Barker	ANO	PRCN course at officers training academy, Kamplée
2	Dikshit Naik	SUO	National integration camp
3			Secured gold medal in sport

4	Akshay Hegde	CHM	National integration camp Mysore and secured 2 gold medals in sport and poster making
5	Gangadhar B. M.	CDT	National integration camp Mysore
6	Pavan Ramesh Kulkarni	CDT	National integration camp Mysore
7	Shashat N. R.	CQMS	Army attachment camp MLRIC Belgavi .
8	U. Veerendra	CDT	Army attachment camp MLRIC Belgavi .
9	Vijayalakshmi L.	JUO	Combined annual training Camp KUD.
10	Chinmay Ravindra	JUO	Combined Annual training camp KUD.
11	Amogha K. S.	CQMS	Army attachment camp MLRIC Belgavi.

ORGANIZATION AND GOVERNANCES

30. How often the teachers of the Department meet?

Once in a month.

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

Yes.

32. 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 :

33. How are students selected for admission?

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

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

1. Regular Bridge Courses at the beginning of every semester.
2. Regular Seminars and Activities for all the students under NEP
3. Regular internal theory and practical Tests.
4. Remedial classes to slow learners
5. Group Discussions.
6. Workshops/Exhibitions/seminars/conferences.
7. Special Interactive classes to Advanced Learners
8. Special Lectures through Study circles and Science Association.
9. Wall paper publication through Vichar Kranthi

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

Yes No

36. Is counseling for students available? Yes.

If so, what are the tangible results?

1. Needy Students are regularly counseled 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 counseling lady students to address the issues related to health and hygiene, sexual harassment, mental depression and ragging etc..

37. 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.

38. How does the college strengthen the regular programs?

1. Feedback from Teachers, 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.

39. Is there any alumni association?

Yes

SUGGESTIONS

40. 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 languages are to be established in the same college

Sl. No.	Recommendations	Action taken
1	Recommended to nominate Deputy Coordinator for IQAC	The IQAC has constituted 18 members committee as NAAC regulations. There is no provision in the college IQAC to nominate the Deputy Coordinator.
2	Transfer of Mathematics faculty members from Karnatak Arts College to Science College	Yes Mathematics and Statistics faculty members have been deputed to Karnatak Science College from Arts College.
3	To recruit adequate number of teachers for all the departments	The issue is yet to be resolved by the higher Authorities of

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

		Karnatak University.
4	Solid Waste Management alone should be considered as the Best Practice of the college.	Yes, other items mentioned as best practices have been removed.
5	Recommended to strengthen Alumini Association of the college.	Alumini Association of the college has been strengthened.
6	Recommended to create year wise quantitative data, documents, committee minutes for fourth cycle	Year wise quantitative and quantitative matrices has been collected for the preparation of AQAR and the preparation for the SSR is going on.

42. 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

Name

: Prof. Smt. M.S. Salunke

Designation

: PRINCIPAL

