



**University of Mysore
Yuvaraja's College**



**(Constituent Autonomous College with Potential for Excellence)
Mysore, Karnataka**

Self-Study Report

(3rd Cycle)

Submitted to

**National Assessment and
Accreditation Council (NAAC)**

Bangalore- 560072 Karnataka, India

Volume 1 of 2

March 2015



UNIVERSITY OF MYSORE
YUVARAJA'S COLLEGE (Autonomous)
(CONSTITUENT AUTONOMOUS COLLEGE OF THE UNIVERSITY OF MYSORE)
(College with "Potential for Excellence")
JLB ROAD, MYSORE-570 005, KARNATAKA, INDIA



Ref YCM/ /201 -201

Date

Encl

13-03-2015

Dr. H. NANJE GOWDA, M.Com., Ph.D.,
Principal

DECLARATION


I certify that the data included in this Self-Study Report are true to the best of my knowledge.

This Self-Study Report is prepared by the institution after internal discussions and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this Self-Study Report during the Peer team visit.

Place: Mysore

Date : 13-03-2015


Signature of the
Head of the Institution
with Seal
Principal
Yuvaraja's College (Autonomous)
University of Mysore
Mysore-570 005

University of Mysore



PROF. K. S. RANGAPPA

Ph.D., D.Sc., FRSC., FNASc

VICE-CHANCELLOR

Crawford Hall, Mysore - 570 005, INDIA

FOREWORD

Education plays a significant role in balancing the socio-economic fabric of a country. Higher education in India has recorded phenomenal growth since Independence and is currently the third largest in the world. It has a complex structure riddled with many contradictions, nonetheless with great possibilities. With more than 33,000 Colleges and around 17 million students, every institution is expected to maintain a high quality and standard in teaching and learning.

Yuvaraja's College, a constituent Autonomous College of the University of Mysore is a pioneering institution, established in 1928 by the *then Maharaja of Mysore*. In the years since its existence, it has endeavored to achieve and maintain academic excellence through research, teaching and extension activities. As the birth place of Science disciplines in the prestigious University of Mysore, Yuvaraja's College continues to foster its mission of service to the wider educational community in basic, applied and inter-disciplinary fields. The College caters to the needs of students from all walks of life, specifically benefitting the socially and economically weaker sections and strives relentlessly to enhance the standards of learning for all students by imparting quality education.

As a Chairperson of the Governing Body and Vice-chancellor of the parent University, i.e., University of Mysore, it gives me immense pleasure and pride to present the academic credentials of this heritage institution in the form of a Self-Study Report to quality test of the National Assessment and Accreditation Council [NAAC].

Place: Mysuru

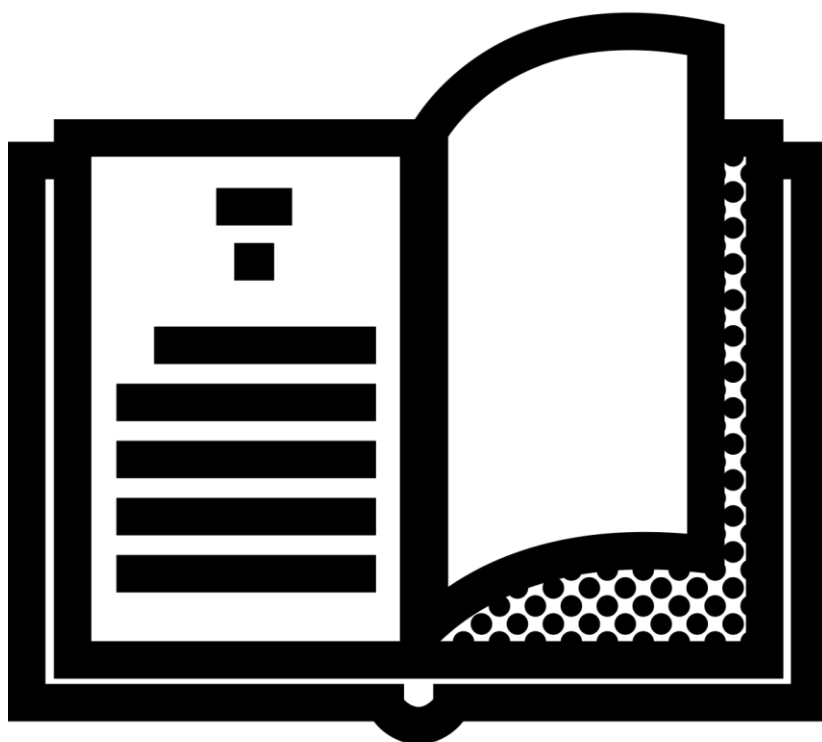
Date : 10-03-2015

Prof. K.S. RANGAPPA
Honourable Vice-chancellor &
Chairman of the Governing Body
University of Mysore

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Preface



PREFACE

Yuvaraja's College, Mysore, one of the four constituent colleges of the University of Mysore is rich in history. It was first established as an Intermediate College on 24th June 1928 and in the year 1947-48, after Independence, the college was upgraded to a First Grade College. In the year 1954, at the time of the celebration of Silver Jubilee, it was re-named 'Yuvaraja's' College to commemorate the association of His Highness Sri Jayachamaraja Wodeyar with the College. As a leading academic centre it has been serving the cause of higher education in Science discipline since 1947. The college had the privilege of offering pre-medical courses for a number of years. Prior to the establishment of departments in the Manasagangotri campus some Postgraduate courses were also conducted in the college. In 1970-71, the college concentrated on degree courses and the Pre-university Course was abolished and it became the oldest constituent Science college offering B.Sc. course in the state. The college has been recognized by UGC under 2(f) and 12(B) of UGC Act and Government of Karnataka.

The University Grants Commission conferred Autonomous Status in the year 2005. Over the years the college has strived to achieve and maintain academic excellence through research, teaching, and extension activities. Currently, it offers various academic programmes leading to Integrated M.Sc., M.Sc., M.A., M.B.A., B.Sc., BCA, BBA and Ph.D degrees. The institution was conferred the status of College with Potential for Excellence in 2010. Other noteworthy achievements include the introduction of Postgraduate programmes during 2011-14. This year Yuvaraja's College steps into the 87th year of its existence and service to the nation. The College constantly aspires to scale great heights in its quest for excellence in imparting human, intellectual, spiritual and moral knowledge to the students. Having successfully overcome the various impediments encountered on the way to its growth, the College has grown in stature and strength today, and has matured into one of the finest educational institutions dedicated to the pursuit of knowledge and excellence in the field of higher education.

We take pleasure in submitting the Self-study Report of our college for assessment accreditation. This Self-study Report has been prepared as per the norms set by NAAC and we have tried our best to meet the requirements. It would have been impossible to complete this Self-study report without the whole-hearted support and cooperation of the entire Yuvaraja's staff. The multi-faceted achievements of our faculty and students recorded in our report bears testimony to the effectiveness of our new endeavors and the report is the result of productive discussions, and supportive input contributed by a number of people.

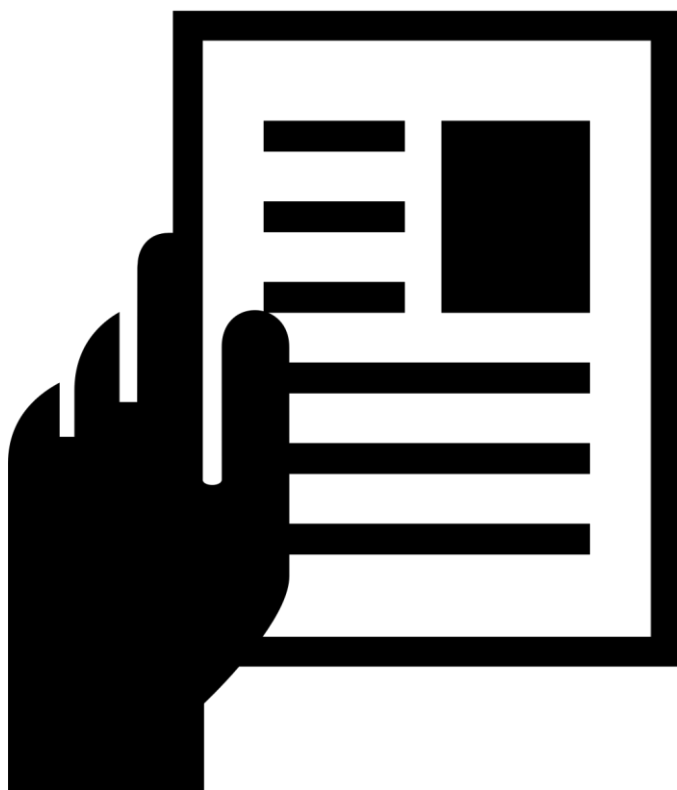
We hope that this accreditation will give a sense of direction and encouragement to the College to rise to lofty heights and occupy a prestigious place among the institutions of higher learning.

Place: Mysore

Date:

Signature of the
Head of the Institution
With seal

Executive Summary



EXECUTIVE SUMMARY

Yuvaraja's College, a pioneering constituent college of the University of Mysore has emerged as one of the leading colleges in Mysore founded in 1928 offering Intermediate courses soon upgraded by offering degree courses in 1948. The college was named as Yuvaraja's College in the year 1954. This Autonomous College is committed to the educational and cultural traditions of the society and is in the vanguard of imparting superior quality higher education and pertinent skills in the field of science and management education. The College's goal is to inspire students to learn, lead and serve in diverse areas in the fast changing world.

Yuvaraja's college has the necessary infrastructure and competent and qualified faculty members. Its contribution to society is in the pursuit dissemination and application of knowledge. The college currently offers 23 Graduate and 7 Postgraduate courses and provides research opportunities in 19 subjects. The college is dedicated to Teaching and Research in cutting edge themes of Science, Management and Literature. The college has published more than 600 Research papers in the last four years. The college has produced thousands of graduates who have contributed to the society both in India and abroad. The college has also produced more than 80 Ph.D's who have been placed in reputed institution and R & D organizations. The college has 17 ongoing and 25 completed projects.

It is noteworthy to mention that the recommendations made by the second cycle peer team were addressed in the subsequent years. Most of issues were addressed. The major achievements were the construction of a ladies hostel increase in library books, construction of applied science block, upgradation of laboratories, installation of 1Gbps connectivity to enhance e-learning .

The Criteria-wise efforts can be summarized as follows:

1. Curricular Aspects:

The College with a reputation for academic achievement, constantly designs its curricula to meet the current requirements and to suit the professional and personal needs of the students. The process of revision and redesigning of curricula is based on the recent developments and also on the feedback from the stakeholders. The college is committed to develop active learning strategies such as projects, assignments, field visits, industrial tours and special lectures etc. Choice Based Credit System has been adopted in all Postgraduate programmes and the college plans to adopt the same in the graduate courses in near future. The college makes use of Technological resources in the daily practices of the class room.

2. Teaching-Learning and Evaluation

The College adopts a transparent policy in admission and follows the guidelines of the University of Mysore and the State Government. The demand ratio in all the programmes is favourable. The college caters to the

higher educational needs by offering value added services like Bridge courses, Orientation programmes, Remedial courses etc.

The incremental academic growth of underprivileged students is recorded and analysed and necessary steps are initiated to enable slow learners improve their learning process. Advanced learners are identified, encouraged and provided with additional facilities. The college pursues the policy of quick and transparent evaluation process. Freeship, scholarship, concession, deferment of fees, book bank facility etc are provided for socially and economically disadvantaged learners. Lectures by experts are arranged for the students on relevant topics. The college has a Women Empowerment Cell, NSS wing and Botany Club through which it sensitizes its staff and students on issues such as gender, inclusion, environment etc. The teaching faculty takes the students for Industrial visits to impart a practical perspective to the learning process adopted in the class rooms. Discussion, project preparation, presentation and self-study are adopted by the college to build the necessary skills for overall development. Students actively participate in literary and cultural activities throughout the year at the college and University level. It has a highly resourceful library with text books, reference books, magazines and journals. It has a separate reading room.

Recruitment of faculty is done by the University of Mysore strictly on the basis of the guidelines laid. The overall results of the college are impressive and the system of examination makes provision for retotalling of marks, providing photocopy of answer scripts and reevaluation.

3. Research, Consultancy and Extension:

The College promotes ethical and evidence based research. Faculty members are actively engaged in research in various fields such as Reproductive Biology, Endocrinology, Genetics, Mycology and Plant Pathology, Seed Technology, SQC, Multivariate and count regression analysis, Experimental Oncology, Lipid Chemistry, Space Science, Crystallography, X-Ray diffraction of Fibres, Spin Physics, Synthetic Organic Chemistry, Medicinal Chemistry, Pharmaceutical Chemistry, Number theory, Graph theory, Fuzzy Topology, Geometric Function Theory, Narratology, Canadian studies, Immigrant Literature, Alankara Shastra, Palaeontology, Ore Geology, Environmental Geology, Plant Physiology and Ecology, Plant Tissue Culture etc. 36 faculty members (about 54% of the faculty) are recognized as research guides and are guiding research scholars working for Ph.D degrees. There are 13 major and 4 minor projects on-going with the total grants of Rs. 2,37,09,754/-. Department of Chemistry has been recognized by Vision Group of Science and Technology, Government of Karnataka for Financial Assistance of Rs. 30 lakhs under CISEE scheme. 3 Major and 14 Minor projects were completed in the last four years with the total grants of Rs.42,43,612/- received from various funding agencies. Resources like equipment, technical assistance, manpower, laboratory, library etc. are provided to complete the projects on time.

The Faculty have been awarded by VGST for best research publications, and more than 600 research articles have been published in peer reviewed journals of impact factor ranging from 0-5.016 during the last four years. The h-index

of the faculty lies between 0-13. The Highest number of citations of our faculty is 111.

Special leave is granted to the faculty pursuing research work. The faculty are permitted to have time-off and reduced teaching hours in accordance to the UGC regulations. The faculty members of the college provide honorary consultancy services in the areas of their expertise like curriculum development, research and extension. The college makes continuous efforts to sensitize the faculty and students on the matters of institutional and social responsibilities. The NSS unit, and the Career Guidance and Placement Cell contribute enormously to the Institutional social responsibilities. The college makes constructive efforts for collaboration with various agencies for academic, extension, research, placement, and resource mobilization. A majority of the departments have collaborations with various agencies for extensive learning and research.

4. Infrastructure and Learning Resources:

The campus provides conducive environment for teaching-learning process and research by creating and maintaining the best possible infrastructure. The heritage building built in the European classical style with an unmatched profile in historic origin, in its almost nine decades of history, the college has made constant efforts to maintain the greeneries of the campus and to preserve the old trees. New buildings, located at a discreet distance, leave the aesthetics of the campus untouched. The heritage building and the ambience of the college itself inspires the students to assist towards learning. The college houses 23 classrooms, 32 laboratories, 3 museums with rare specimens, 7 ICT enabled class rooms, a library with a valuable archival collection, a language lab and a gymnasium etc. The Health Centre in the campus is well-equipped and provides necessary medical aid to the employees and students of the college. The library has a well- organized and catalogued collection with facilities such as reference section, periodical section, text book section, book bank section and internet connection. Separate reading rooms and circulation counters are provided for students and staff. The college has clean and hygienic canteen facility. The college has the policy to conforming to the standards of Information Technology. The college has well managed Local Area Network, Structured Cabling and broadband 1Gbps connectivity. The college has availed the National Knowledge Network Connectivity.

5. Student Support and Progression:

The student support system of the college comprises a network of committees, units and cells which have been constituted to look after different areas of student support such as career guidance and placement, welfare, personal enhancement, counselling services, grievance redressal, sports and other extra-curricular activities, etc. Around 180 students have been selected through recruitment for placements. The Women's Empowerment cell of the college conducts gender sensitization programmes and promotes gender equity. The Alumni association of college is one of the oldest of its kind in the city. The Chief Minister, Ministers, Vice-chancellors, Judges, IAS officers, Administrators, Advocates, Medical personnel, Performing artists, Entrepreneurs etc are some of the eminent Alumni of the college. Major

activities of the Alumni Association towards the development of the college are sponsoring special lectures, mid-day meals for poor students and best students prize for the meritorious students of the year, construction of the platinum jubilee hall etc.

In cultural activities the achievements of students is enormous. The students have excelled in various cultural competitions like Bharathanatyam, light music, drama, debate, poster presentation, folk song, tabla rendition and son on. The students have broken all bounds when it comes to achievements in sports. College along with University of Mysore encourages to students interested in sports. University of Mysore has full-fledged infrastructure like swimming pool, tennis courts, athletic tracks, badminton courts, stadium for hockey, football and cricket etc. The students of the college organized Srikantadatta Wodeyar Memorial football tournament. Many students show interest in joining NCC as well as NSS. In supporting this endeavour, the college boasts of a full-fledged NCC wing (Army, Navy and Airforce). Students have participated in the Republic Day parade and have brought laurels to the college by winning awards and medals in various competitions held under the aegis of NCC.

6. Governance, Leadership and Management:

The college constitutes on rotation basis the statutory bodies, Governing Body, Academic Council, Finance Committee and Board of Studies as per UGC guidelines. The college focuses on providing quality education and strives for all round personality development of the students. Attention is given to the grievances of students. Performance appraisal comprising of self-appraisal of staff and feedback of students are communicated to the faculty by the Principal to ensure that they improve their standards of work. The Principal delegates authority to the Head of the Departments to conduct the departmental activities such as allocation of the work load, subject allocation, recommendation purchase of library books, chemicals, laboratory equipment etc. The culture of participative management is inculcated through various committees. The complaints and grievances are attended and necessary actions are taken.

The college has made significant contributions in the field of new courses, research projects, career enhancements, exam reforms, counseling, faculty development, placement and all round development of student fraternity.

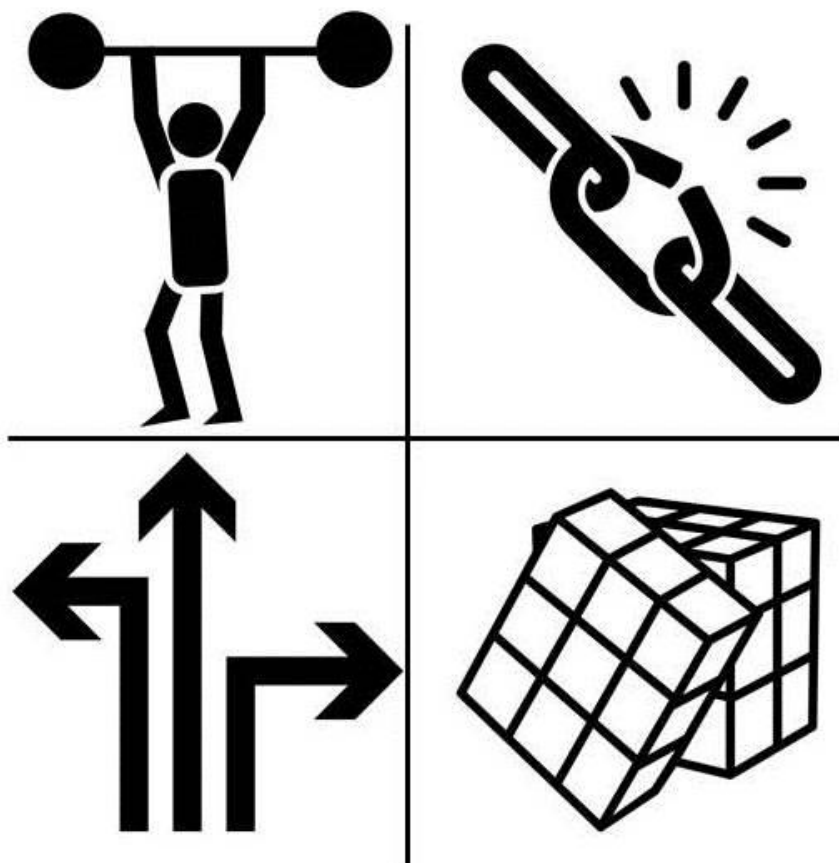
7. Innovations and Best Practices:

The college has initiated the process of Green Audit. In its almost nine decades long history, the college has made constant efforts to maintain the greeneries of the campus and to preserve the old trees. It has been ensured that no development is at the cost of environment by going in favour of vertical growth without disturbing the heritage structure in the campus. The college campus spread over about 54 acres of land with various trees belonging to more than 65 plant families. All efforts have been taken to create a clean, green ambience of serenity and tranquility. All additional construction is eco-

friendly and planned in such a way that it is surrounded by greenery and provisions are made for harnessing natural light, ventilation and rain water.

The faculty and students are motivated to spread activism regarding sustenance of the eco-friendly campus. The neem trees in the campus are good carbon-di-oxide sink and thus leads to carbon neutrality. There is continuous effort to maintain a plastic free campus. The NSS volunteers of the college play an important role in maintaining cleanliness of the campus.

SWOC



SWOC ANALYSIS

Criteria		Analysis
Curricular Aspects	S	<ul style="list-style-type: none"> • Continuous improvement and redesign of syllabus • Adopting Choice-based Credit System in postgraduate courses • Availability of Inter-disciplinary course offerings
	W	<ul style="list-style-type: none"> • Lack of proactive continuous evaluation
	O	<ul style="list-style-type: none"> • Adopting Choice-based Credit System in graduate courses • College offers a wide range of open electives • With improved industry exposure, there is more demand for Add-on courses • More often, there is oscillation between science courses and technical courses; need to create better programmes to provide holistic development of students
	C	<ul style="list-style-type: none"> • Involvement of parents/ guardians in growth and performance of students is minimal
Teaching, Learning and Evaluation	S	<ul style="list-style-type: none"> • Highly sought after Science Graduate programme with the highest number of students in Mysore city • Supports students from all walks of life, with more than 80% of students coming from rural background • Dropout ratio is negligibly small • Demand ratio in all programmes is favourable and in some programmes it has overwhelming response
	W	<ul style="list-style-type: none"> • High dependency on temporary and visiting faculty
	O	<ul style="list-style-type: none"> • Focus on diversity in faculty recruitment
	C	<ul style="list-style-type: none"> • High input of low caliber students
Research consultancy and extension	S	<ul style="list-style-type: none"> • More than 80% of the faculty are with Ph.D- involved in research and are undertaking project work funded by UGC, DST, VGST, ICMR etc. H-Index ranges from 0-13 and Impact factor 0 – 5.016
	W	<ul style="list-style-type: none"> • Absence of a fully dedicated research center
	O	<ul style="list-style-type: none"> • Establishing a specific research center to promote research activities • Ample opportunities for further research <ul style="list-style-type: none"> ○ Establishment of Water and soil testing laboratories to help the common man and farmers. ○ Chemistry, Food Science, Biochemistry, Biotechnology, Environmental Science and Molecular Biology departments can explore possibilities of tie up with centrally funded institutions and R&D organizations such as

		<p>CFTRI, DFRL CSR&TI, ASI as they are in close proximity to the college.</p> <ul style="list-style-type: none"> • With improved industry exposure, skill development programme for the general public can be arranged
	C	<ul style="list-style-type: none"> • Exploring departmental funds like UGC-SAP, VGST, DST etc.
Infrastructure/ Resources	S	<ul style="list-style-type: none"> • Heritage college; with an unmatched profile in historic origin, impressive list of highly accomplished alumnus and a very convenient geographic location • Unique resources available to students: Language lab, Departmental Libraries, Gym, Museums, Free canteen, Career Guidance and Placement Cell, Health center,
	W	<ul style="list-style-type: none"> • Heritage building in need of renovation; leading to derth for class rooms, laboratories, auditorium, faculty parking area and eco-friendly infrastructure to cater for the future.
	O	<ul style="list-style-type: none"> • To use infrastructure and human resources in the institutes located in the vicinity: Instruments and Lab facilities and Manpower, Assistance of Scientists in teaching and research.
	C	<ul style="list-style-type: none"> • Location in the heart of the city creates distraction and has an adverse impact on attendance • Absence of institution owned facilities and amenities such as transport facilities for students and staff, emergency care and ambulance facility.
Student Support & Progression	S	<ul style="list-style-type: none"> • Scholarships availed by more than 50% of students; research scholars benefit from INSPIRE, ICMR, UGC-RGN, UGC-CSIR, JRF and SRF fellowships • Many independent committees to support students activities. • Field visits, Industrial visits, Educational tours offered by most of the departments.
	W	<ul style="list-style-type: none"> • Potential of Alumni is not fully tapped • Withdrawal of INSPIRE fellowship
	O	<ul style="list-style-type: none"> • Generating human resource for basic science teaching and research • Strong Alumni base that can be set in motion to mobilize support from academic and financial perspectives for the development and placement activities
	C	<ul style="list-style-type: none"> • Lack of sophisticated infrastructure can lead to good students moving to other institutions. Competitive ability may decline.

Governance/ Leadership	S	<ul style="list-style-type: none"> • Strong team of experienced teachers and administrators.
	W	<ul style="list-style-type: none"> • Inadequate permanent staff; high dependency on temporary and guest faculty • No Career Advancement Scheme after Associate Professorship despite satisfying eligibility conditions • IQAC is still in its infancy
	O	<ul style="list-style-type: none"> • Administrative involvement and support in coordinating committees to apply for necessary improvement.
	C	<ul style="list-style-type: none"> • Financial constraint for faster development.

Innovation & Best Practices	S	<ul style="list-style-type: none"> • Clean green eco-friendly surroundings around the heritage college building • Significant recognitions; Autonomous status, NAAC accreditation, UGC, CPE Status
	W	<ul style="list-style-type: none"> • Inability to support all the needy to the fullest extent
	O	<ul style="list-style-type: none"> • Improve collaboration across department faculty so more inter disciplinary events/ conferences can be organized • Faculty Development Support based on conducting and attending conferences
	C	<ul style="list-style-type: none"> • Inadequate facility and expertise to cope with technological advancements

Profile of the College



PROFILE OF THE AUTONOMOUS COLLEGE

1. Name and Address of the College:

Name	: Yuvaraja's College, University of Mysore
Address	: JLB Road, Mysore – 570 005
State	: Karnataka
Website	: www.ycm.uni-mysore.ac.in

2. For Communication

Designation	Name	Tel. with STD code	E-mail
Principal	Prof. H. Nanjegowda	O: 0821 2419292 M: 09242805066 Fax: 0821-2419 239	principal_ycm@rediffmail.com
Administrative Officer	Prof. R. Ganesh	O: 0821 2419241 M: 09448494438	rajeshaganesh@gmail.com
Steering Committee Co-ordinator	Dr. S. Latha	O: 0821 2419282 M: 09845292672	drlatha@gmail.com

3. Status of the Autonomous College by management.

- I. Government
- II. Private
- III. Constituent College of the University

4. Name of University to which the College is Affiliated :

University of Mysore.

5. a) Date of establishment, prior to the grant of 'Autonomy' 09-08-1928

b) Date of grant of 'Autonomy' to the College by UGC: 28-01-2005

(Appendix – I)

6. Type of Institution

a. By Gender

- i) For Men
- ii) For Women
- iii) Co-education

b. By Shift

- i) Regular
- ii) Day
- iii) Evening

c. Source of funding

- i) Government
- ii) Grant-in-aid
- iii) Self-financing
- iv) Any other (Please specify)

7. It is a recognized minority institution?

Yes No

If yes specify the minority status (Religious/linguistic/any other) and provide documentary evidence.

8. a. Details of UGC recognition

Under Section	Date, Month & Year	Remark (If any) UGC – assistance
i. 2 (f)	03-03-1956	2-6(002)9804
ii. 12 (B)		SRO-KAM-XOO2

(Appendix - II Certificate of recognition u/s 2(f) and 12 (B) of the UGC Act)

9. Has the college recognized

a. By UGC as a College with Potential for Excellence (CPE)?

Yes No

If yes, date of recognition: 18-03-2010 (Appendix –III)

b. For its contributions / performance by any other governmental agency?

Yes _____ No _____

If Yes, Name of the agency

Date of recognition: (dd/mm/yy)

10. Location of the campus and area:

Location*	Urban
Built up area in sq. mts.	38878 sq. mt
Built up area in sq. mts.	7662 sq. mt

(*Urban, Semi-Urban, Rural, Tribal, Hilly Area, Any others specify)

11. Does the College have the following facilities on the campus (Tick the available facility)? In case the College has an agreement with other agencies in using such facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex
- Sports facilities
- * Play ground
- *Swimming pool
- *Gymnasium
- Hostel
- *Boys' hostel
- *Girls hostel
- Cafeteria

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- Health centre-
 - * First aid facility
 - * Inpatient facility
 - * Out patient facility
 - * Ambulance facility
 - * Emergency care facility
- Health Centre staff-
 - * Qualified doctor Full time Part time
 - * Qualified Nurse Full time Part time
- * Other facilities
 - Bank
 - ATM
 - Post office
 - Book shops
- Transport facilities
 - * for students
 - * for staff
- Power house
- Waste management facility

12. Details of programmes offered by the institution : (Give data for current academic year)

Sl. No	Programme Level	Name of the Programme Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved student intake	No. of students admitted
1.	UG	B.Sc/ BBA/ BCA	3 years	P.U.C.	English		765/39/63 432/25/53 468/18/57
2.	PG	M.Sc. (Chemistry)	2 years	B.Sc.	English		32 35
3.	Integrated Masters	M.Sc. Mol. Biology	5 years	P.U.C	English		20 10 16 11 18
4.	Ph.D.	Ph.D.	Minim 3 years	PG	English		

13. Does the institution offer self-financed Programmes?

Yes No

If yes, how many? **Five**

14. Whether new programmes have been introduced during the last five years?

No

If Yes Number : **Nil**

15. List the departments: (Do not list facilities like library, Physical Education as departments unless these are teaching departments and offer programmes to students)

Graduate Departments	15 Science + 03 Arts + 01 Commerce
Postgraduate Departments	02 Science + 01 Arts + 01 Commerce
Research Centre(s)	15 Science + 03 Arts + 01 Commerce

Particulars	Number	Number of Students
Science		
Graduate (Biochemistry, Biotechnology, Botany, Chemistry, Computer Science, Electronics, , Environmental Science, Food Science & Nutrition, Geology, Mathematics, Microbiology, Physics, Sericulture, Statistics, Zoology)	15	1665 + 173

Postgraduate (Chemistry, Molecular Biology)	02	142
Research Centre(s) (Biochemistry, Biotechnology, Botany, Chemistry, Electronics, , Environmental Science, Geology, Mathematics, Microbiology, Molecular Biology, Physics, Sericulture, Statistics, Zoology)	14	
Arts		
Graduate (English, Kannada, Sanskrit)	03	
Postgraduate (English)	01	
Research (English, Kannada, Sanskrit)	03	
Commerce		
Graduate (Management Science)	01	82
Post-Graduate	Nil	
Research (Management Science)	01	

16. Are there any UG and/or PG programmes offered by the College, which are not covered under Autonomous status of UGC? Give details.

-No-

17. Number of Programmes offered under (Programme means a degree course like BA, MA, B.Sc. B.Com etc.)

- a. Annual system x
- b. Semester system
- c. Trimester system x

18. Number of Programmes with

- a. Choice Based Credit System 2
- b. Inter/Multidisciplinary Approach -
- c. Any other (specify) -

19. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

- (a) Including the salary component : Rs. 8696.89
- (b) Excluding the salary component : Rs.3422.31

20. Does the College have a department of Teacher Education offering NCTE recognized degree programmes in Education ?

Yes No

- a. How many years of standing does the department have ?
..... years
- b. NCTE recognition details (if applicable) Notification
No.:
Date:
- c. Is the department opting for assessment and accreditation separately ?
- d. Yes No

21. Does the College have a teaching department of Physical Education offering NCTE recognized degree programmes in Physical Education?

Yes No

- If yes,
- a. How many years of standing does the department have ?
..... years
- b. NCTE recognition details (if applicable) Notification
No.:
Date:
- c. Is the department opting for assessment and accreditation separately ?
Yes No

22. Whether the College is offering professional programme ?

Yes No

If yes, please enclose approval / recognition details issued by the statutory body governing the programme.

23. Has the College been reviewed by any regulatory authority ? If so, furnish a copy of the report and action taken there upon.

- a) UGC Review Committee
- b) Peer Committee
- Appendix - IV

24. Number of teaching and non-teaching positions in the College

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor/Principal		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F				
Sanctioned by the UGC/University/State Government	01		38		46		65		02	

Recruited	01		38		31		40		00	
Yet to recruit	00		00		15		25		02	
Sanctioned by the Management/society or other authorized bodies										
Recruited										
Yet to recruit										

*M – Male * F – Female

25. Qualifications of the teaching staff

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers			22	11	21	13	67
D.Sc./D. Litt			0	0			00
Ph.D.			19	11	16	10	56
M.Phil.			4	0			04
PG			22	11	22	12	67
Temporary teachers			38	57			95
Ph.D.			2	05			07
M.Phil.							
PG			38	57			95
Part-time teachers							
Ph.D.							
M.Phil.							
PG							

26. Number of Visiting Faculty / Guest Faculty engaged by the College. **31**

27. Students enrolled in the College during the current academic year, with the following details:

Students	UG		PG		Integra ted Master s		M. Phil.		Ph.D.		Integr ated Ph.D.		D. Litt		Certif icate		Diplo ma		PG Diplo ma	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
From the state where the College is located	1404	600	103	76	18	48														
From other states of India	6																			
NRI students																				
TOTAL	1410	600	103	76	18	48														

*M – Male *F – Female

28. Dropout rate in UG and PG (average for the last two batches)
UG & PG **Negligible (Table 5.2.3)**

29. Number of working days during the last academic year **288**

30. Number of teaching days during the last academic year **192**

31. Is the College registered as study centre for offering distance education programmes for any University? Yes No

If yes, provide the

a. Name of the University

b. Is it recognized by the Distance Education Council ?

Yes No

c. Indicate the number of programmes offered.

32. Provide Teacher-student ratio for each of the programme/course offered
Under Graduate and Postgraduate programmes **1 : 33**
Integrated Master degrees : **1 : 66**

33. Is the College applying for ?

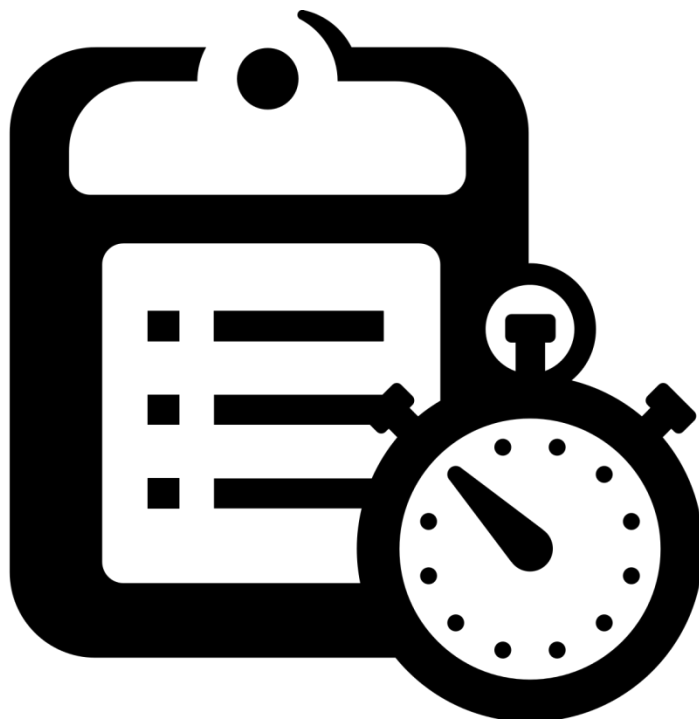
Accreditation : Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-Assessment:

34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4, and re-assessment only)
Cycle 1: 05-11-2001 Accreditation outcome/results **Appendix - V**
Cycle 2: 15-06-2009 Accreditation outcome/results **Appendix - VI**
Cycle 3:
Kindly enclose copy of accreditation certificate(s) and peer team report(s)
Cycle 1 refers to first accreditation; Cycle 2 and beyond refers to reaccreditation
35. a. Date of establishment of Internal Quality Assurance Cell (IQAC) 20-09-2012
b. Dates of submission of Annual Quality Assurance Reports (AQARs).
(i) AQAR for year 2011-12 on 29-12-2012
(ii) AQAR for year 2012-13 on 19-12-2013
(iii) AQAR for year 2013-14 on 12-03-2015
(iv) AQAR for year on
36. Any other relevant data, the College would like to include. (Not exceeding one page)

Criterion I

Curricular Aspects



CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Design and Development

1.1.1 How are the institutional vision / mission reflected in the academic programmes of the College?

Keeping in view the institutional vision/mission the following steps have been taken during the reporting period.

- Updating the curriculum by incorporating the recent developments in various fields which enables the students to acquire global competency
- Organizing and attending International/National/State level Seminars and Conferences and Workshops with a view to promote research
- Sensitizing the students through sports and extra-curricular activities for inculcating leadership qualities and team spirit among them
- Carrying out community outreach programmes like NSS, NCC based activities
- Giving rural students access to for higher education
- Imparting soft skills, life skills and English proficiency through Career Development and Placement Cell and computerized language lab
- Helping students to acquire computer skills by offering Computer applications as a compulsory subject in all graduate programmes

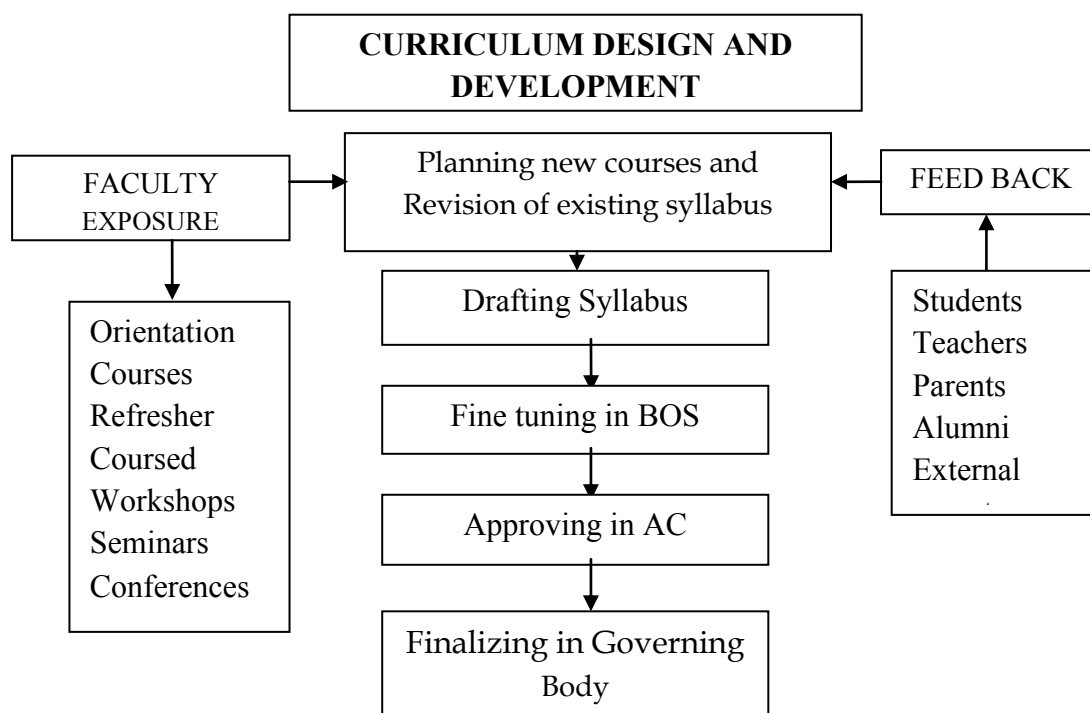
1.1.2 Describe the mechanism used in the design and development of the curricula? Give details on the process. (Need Assessment, Feedback, etc)

A dynamic and updated curriculum is the predominant feature of an autonomous college. Design and development of curricula is based on the thrust areas identified by UGC and other Central and State agencies. It is also based on the requirement of industry and stakeholders. The mechanism used in the design and development of the curricula is as follows:

- Faculty members attend faculty development programmes such as Orientation Programmes, Refresher Courses, Workshops, Conferences and Seminars which help them to gain an insight into new developments in their respective fields and incorporate the same in their curriculum
- Feedback received from peers, society, alumni and students is analyzed
- Departmental meetings are held to prepare draft curriculum
- In each subject Board of Studies is constituted involving representatives from other universities, national laboratories, research institutions, industries etc., and their suggestions are

incorporated in the syllabi to meet the modern standard of education

- Emphasis is given on project work, innovative teaching methods such as presentations, discussions, assignments, workshops, seminars, industrial visits and study tour
- Board of Studies meetings are conducted to fine tune and approve the curriculum
- Final approval is obtained from Academic Council and Governing Body



1.1.3 How does the College involve industry, research bodies, and civil society in the curriculum design and development process? How did the College benefit through the involvement of the stakeholders?

The Statutory bodies like Board of Studies, Academic Council, Internal Quality Assurance Cell, Governing Body include experts from academics, industry, research bodies and civil society either as nominated members or as special invitees and this involvement helps to update the syllabus to suit current requirements and enhance the placement opportunities. Also experts from industry, and academia are invited as resource persons to Seminars/Workshops/Conferences organized by the College.

1.1.4 How are the following aspects ensured through curriculum design and development?

- **Employability**
- **Innovation**
- **Research**

Employability

Attempts to ensure Employability are as follows:

- Students get ample scope to improve their communication skills, soft skills and social adjustment competencies, analytical skills, problem-solving skills and a certain degree of general awareness through several activities of student participation in Orientation programmes and Workshops organized by Career Development and Placement Cell
- Activities such as field work, project work, industrial visit are incorporated in the curriculum
- Courses like Computer Applications, Human Resource Management are offered
- The curriculum designed enables the students to face competitive exams

Innovation

The autonomous status of the college allows the flexibility to evolve innovative concepts which are helpful in achieving academic excellence.

- All stakeholders of the college help the students to move from facts to conceptual development which is the basis of higher education
- Formal workshops on innovation in teaching-learning process are organized periodically to promote non-conventional ideas.
- Innovative research projects are undertaken and carried out by faculty and students in various subjects as expected in the curriculum

Research

The College has prioritized research and underscored this aspect in all the curricular activities of the college. The faculty members are motivated to take up research projects. During the last four years more than 600 articles have been published in peer reviewed journals of impact factor ranging from 0-5.016. There are 17 ongoing projects, and faculty participated in National and International Conferences/Seminars/Workshops. Some faculty members have been recognized and given awards by Vision Group of Science and Technology for best research publications. The Department of Chemistry has been recognized by Vision Group of Science and Technology for financial assistance of Rs.30 lakhs under CISEE scheme. The h-index of the faculty lies between 0-13 and highest number of citations is 111.

Various areas of research are explored by faculty the most prominent being Reproductive Biology, Endocrinology, Genetics, Mycology and Plant Pathology, Agricultural Microbiology, Environmental Microbiology and Seed Technology, Human Resource Management,

Financial Management, SQC, Multivariate and Count Regression Analysis, Experimental Oncology, Lipid Chemistry, Space Science, Crystallography, Semi Conductors, Number Theory, Graph Theory, Fuzzy Topology, Geometric Function Theory, Palaeontology, Ore Geology Theory, Hydrogeology, Environmental Geology, Environmental Chemistry and Bioremediation, Alankara Shastra, Plant Physiology and Ecology, Angiosperm, Morphogenesis Tissue Culture and Seed Technology, Plant Pathology and Plant Tissue Culture.

1.1.5 How does College ensure that the curriculum developed address the needs of the society and have relevance to the regional / national development needs?

The College has assiduously committed itself to the continuous enrichment of its curricula and activities to ensure creation of value based citizenry who are personally efficient and socially useful.

- Compulsory subjects like Indian Constitution and Human Rights Education intend to create general awareness about constitutional safeguards and human rights among students.
- Subjects like Microbiology, Biotechnology give practical training to perform water analysis for the presence or absence of harmful microorganisms, to identify food spoilage microorganisms and methods to control them.
- Botany provides training to identify medicinal plants and gives the knowledge about their uses and easy methods of plant propagation.
- Physics is essential for nation building activity. The departments of Atomic Energy, Indian Space Research organization, Oil and Natural Gas Corporation, Department of Telecommunication, Defence Research Development Organization, Indian Missile program, Department of Nuclear Energy are some of the organizations which need physicists. Physicists are also in demand in the radiology department in the health care industry.
- Knowledge of Electronics is essential in all well equipped laboratories of the world. Some of the industries which employ electronic graduates are electrical industry, telecommunication, computer hardware.
- Food Science helps to eradicate malnutrition and related conditions at regional and national level and improves health status of individuals and their economic status and life style.
- Subjects like Molecular Biology, Biochemistry accord practical knowledge to identify blood groups, urine and blood analysis to test disease conditions. Such knowledge is laying stress on their application.
- Geology has significant role to play not only in geo-scientific studies and inventory of resources but also in the evaluation and assessment of economic mineral resources and the development of Nation's Earth Science Database. Basic data generated and synthesized by geologists has positive impact and contributes significantly in almost all spheres of National endeavors-industrial

and infrastructural development, irrigation and water resources management, mitigation of natural and public health hazards, planning communication network, environmental assessment etc. The developmental activities in the mineral and mineral-based industries, energy and water resource sectors in the country are the spin-off of the geo-scientific database created by geologists including those in Geological Survey of India in these areas.

- Environmental Science creates awareness about energy conservation, pollution control and hazards of exploiting natural resources
- Community outreach programmes by NSS and NCC contribute to the community development and also help students to learn beyond classrooms.

1.1.6 To what extent does the College use the guidelines of the regulatory bodies for developing or restructuring the curricula? Has the College been instrumental in leading any curricular reform which has created a national impact?

- The curriculum is developed as per the model curricula and guidelines of the UGC, and University of Mysore
- The curriculum design and revision is developed on the guidelines of the contemporary practices followed by leading institutions
- The policies of the Government of India and Karnataka as well as UGC have been the guiding lights in revamping the curricula
- The College has adopted Choice Based Credit System (CBCS) at the Postgraduate level
- The curricula introduced by our college has been adopted in most of the other leading colleges

1.2 Academic Flexibility

1.2.1 Give details on the following provisions with reference to academic flexibility

- a. Core / Elective options**
- b. Enrichment Courses**
- c. Courses offered in Modular form**
- d. Credit transfer and accumulation facility**
- e. Lateral and vertical mobility within and across programmes and courses**

a. Core / Elective options:

There are 21 Departments in the college and the college offers courses at Graduate, Postgraduate, Ph.D levels of Arts, Commerce and Science with basic knowledge of Computers.

Following is the list of courses offered by the college.

Graduate programmes: 26 B.Sc. + 01 BBA + 01 BCA

As per the regulations every student in the Science and Commerce stream shall study three subjects of equal importance in combination apart from the compulsory two languages (English, Kannada, Hindi)

and compulsory subjects, Constitution of India, Environmental Studies and Computer Applications

(i) Degree: Bachelor of Science (B.Sc.)

Mode: Full time

Duration: 3 years

with the following combinations:

1.	BBM	Biochemistry/Botany/Microbiology
2.	BBZ	Biochemistry/Botany/Zoology
3.	BMBt	Biochemistry/Microbiology/Biotechnology
4.	BZF	Biochemistry/Zoology/Food Science & Nutrition
5.	CBBT	Chemistry/Botany/Biotechnology
6.	CTtEn	Chemistry/Biotechnology/Environmental Science
7.	CBEr	Chemistry/Botany/Earth Science & Resource Management
8.	CBF	Chemistry/Botany/Food Science & Nutrition
9.	CBM	Chemistry/Botany/Microbiology
10.	CBZ	Chemistry/Botany/Zoology
11.	CErEn	Chemistry/Earth Science & Resource Management/Environmental Science
12.	CSBt	Chemistry/Sericulture/Biotechnology
13.	CZBt	Chemistry/Zoology/Biotechnology
14.	CZM	Chemistry/Zoology/Microbiology
15.	CZF	Chemistry/Zoology/Food Science & Nutrition
16.	CZS	Chemistry/Zoology/Sericulture
17.	MCSEr	Mathematics/Computer Science/Earth Science & Resource Management
18.	MSCs	Mathematics/Statistics/Computer Science
19.	PCM	Physics/Chemistry/Mathematics
20.	PEM	Physics/Electronics/Mathematics
21.	PMCs	Physics/Mathematics/Computer Science
22.	PMEr	Physics/Mathematics/Earth Science & Resource Management
23.	PMS	Physics/Mathematics/Statistics
24.	ZBEr	Zoology/Botany/Earth Science & Resource Management
25.	CMS	Chemistry/Microbiology/Sericulture
26.	MES	Mathematics/Economics/Statistics

(ii) Degree : Bachelor of Business Administration (BBA)

Mode: Full time

Duration: 3 years

(iii) Degree: Bachelor of Computer Applications (BCA)

Mode: Full time

Duration: 3 years

Postgraduate programmes: 02 M.Sc. + 01 M.A

(i) Degree: Master of Science (M.Sc.) Chemistry

Mode: Full time

Duration: 2 years

(ii) Degree: Master of Science (M.Sc. Integrated) Molecular Biology

Mode: Full time

Duration: 5 years

(iii) Degree: Master of Arts (M.A) English

Mode: Full time

Duration: 2 years

- CBCS has enhanced the academic flexibility in Postgraduate courses.

- A good number of soft core options are available in all the programmes
- The open electives are offered to encourage interdisciplinary academic pursuits and students have flexibility in choosing their project topics.

Ph.D. Programmes: 14 Science + 01 Commerce + 04 Arts

Science Departments :

Biochemistry	Biotechnology	Botany
Chemistry	Electronics	Environmental Science
Geology	Mathematics	Microbiology
Molecular Biology	Physics	Sericulture
Statistics	Zoology	

Commerce Department :

Management Science

Arts Departments :

English	Hindi	Kannada	Sanskrit
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- b. Enrichment courses - Nil
- c. Courses offered in modular form - Nil
- d. Credit transfer and accumulation facility - Not Applicable
- e. Lateral and vertical mobility within and across programmes and courses

No lateral mobility is allowed within and across the Graduate programmes. Postgraduate students have flexibility in choosing the open elective courses offered by other departments. Vertical mobility is facilitated as the college is offering 3 Postgraduate programmes and 19 Ph.D. programmes.

1.2.2 Have any courses been developed specially targeting international students? If so, how successful have they been? If 'no', explain the impediments.

The courses offered by the college are meant for national and international students.

1.2.3 Does the College offer dual degree and twinning programmes? If yes, give details.

No.

1.2.4 Does the College offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?

The below mentioned courses are offered under Partially Self-financing scheme (PSFS);

Postgraduate	Graduate
M.Sc. Chemistry	B.Sc.
M.Sc. Molecular Biology	BBA
MA in English	BCA

Policies regarding admission, fee structure, teacher qualification and salary:

Admission: The institution adheres to the norms of State Government/ University of Mysore for different categories in the admission policy.

Fee Structure: The fee structure is as per the State Government/ University of Mysore norms. Fee structure for PSFS programmes is on the higher side as compared to that of the regular course.

Teacher Qualification: The College follows the norms of UGC/ University of Mysore and the State Government.

Salary: The teaching and non-teaching staff draw the salary as per UGC/State Government stipulations

1.2.5 Has the College adopted the Choice Based Credit System (CBCS)? If yes, how many programmes are covered under the system?

Yes. The three programmes adopted Choice Based Credit System are M.Sc. Chemistry, Integrated M.Sc. Molecular Biology and MA English.

1.2.6 What percentage of programmes offered by the College follows:

- Annual system
- Semester
- Trisemester

<u>Annual System</u>	-	Nil
<u>Semester</u>	-	100%
<u>Trisemester</u>	-	Nil

1.2.7 What is the policy of the College to promote inter-disciplinary programmes? Name the programmes and what is the outcome?

The following graduate programmes have inter-disciplinary requirements, for example: B.Sc., in Environmental Science is linked with Botany, Zoology and Geology; Microbiology is linked with Botany and Zoology; likewise Sericulture with Botany and Zoology, Electronics with Physics and Statistics with Mathematics. In addition the courses Bachelor of Business Administration, Bachelor of Computer Applications and Integrated Masters programme in Molecular Biology have been introduced. In all Postgraduate programmes inter-disciplinary open electives are offered.

1.3 Curriculum Enrichment

1.3.1 How often is the curriculum of the College reviewed for making it socially relevant and/or job oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

Reviewing and updating the curriculum is the essential ingredient of any vibrant academic system.

- The curriculum of the college is reviewed and revised once in 3 years for Graduate programmes and once in two years for Postgraduate programmes
- Need based minor changes in curriculum are made annually

1.3.2 How many new programmes at have been introduced UG and PG level during the last four years? Mention details.

- **Inter-disciplinary**
- **Programmes in emerging areas**

Inter-disciplinary - Nil

Programmes in emerging areas - Nil

Four New Postgraduate courses have been introduced in 2014 – 15 viz., Masters Degree in Physics, Mathematics, Botany, and Business Administration. Masters in English has been restarted in 2014-15.

1.3.3 What are the strategies adopted for revision of the existing programmes? What percentage of courses underwent a major syllabus revision?

The revision of syllabus is undertaken keeping in mind the requirements of the society and employability of the students. The revision of the curriculum takes place once in three years in Graduate programmes and once in two years in Postgraduate programmes.

The following strategies are adopted for revision of existing programmes

- Analyzing the feedback from the students, faculty subject experts from various fields
- Adopting the guidelines of UGC, University of Mysore
- Taking suggestions from experts from Industry and Multi-national companies

Around 50% of courses (English, Mathematics, Statistics, Physics, Chemistry, Geology etc.,) underwent major syllabus revision during the last four years.

1.3.4 What are the value-added courses offered by the College and how does the College ensure that all students have access to them?

From time to time, personality development courses are arranged for students to enhance employability. Students are also exposed to entrepreneurship oriented courses.

1.3.5 Has the College introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation and other agencies?

-Nil-

1.4 Feedback System

1.4.1 Does the College have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

Along with IQAC the faculty members interact with students to get feedback regarding curriculum. The suggestions obtained are analyzed with qualitative perspective and incorporated at the time of curriculum revision. This feedback is used by Board of Studies while making mid-term corrections and also for redesigning the curriculum. Besides the Board of Studies of each department invites its alumni to give feedback and suggestions for curriculum development.

1.4.2 Does the College elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods adopted to do the same - (conducting webinar, workshop, online forum discussion etc.). Give details of the impact on such feedback.

There is no formal mechanism for this. However, almost all departments invite/interact with National and International faculty while organizing/attending conferences, seminars, workshops and association activities. The faculty and students of the departments concerned have discussion with these eminent personalities to elicit feedback on the curriculum. Their feedback is given weightage and discussed in the Board of Studies at the time of revision of syllabus.

1.4.3 Specify the mechanism through which alumni, employers, industry experts and community give feedback on curriculum enrichment and the extent to which it is made use of.

- Industry experts, professionals and alumni are members of the Academic Council, Governing Body and Board of Studies and they express their opinion during the meeting sessions
- Convenor and members of the Career Guidance and Placement Cell, interact with recruiters for eliciting their opinion on suitability of the curriculum to the present scenario
- Experts from industry are invited as resource persons to Workshops/Seminars/Conferences organized periodically by the institution to understand the current trends in various disciplines
- The quality inputs received from all the above sources are used for curriculum enrichment

1.4.4 What are the quality sustenance and quality enhancement measures undertaken by the institution in ensuring effective development of the curricula?

Sincere efforts are made for the sustenance and enhancement of quality as well as to ensure effective development of the curriculum.

- The College regularly encourages faculty members to attend various Seminars / Conferences / Workshops thus, addressing the

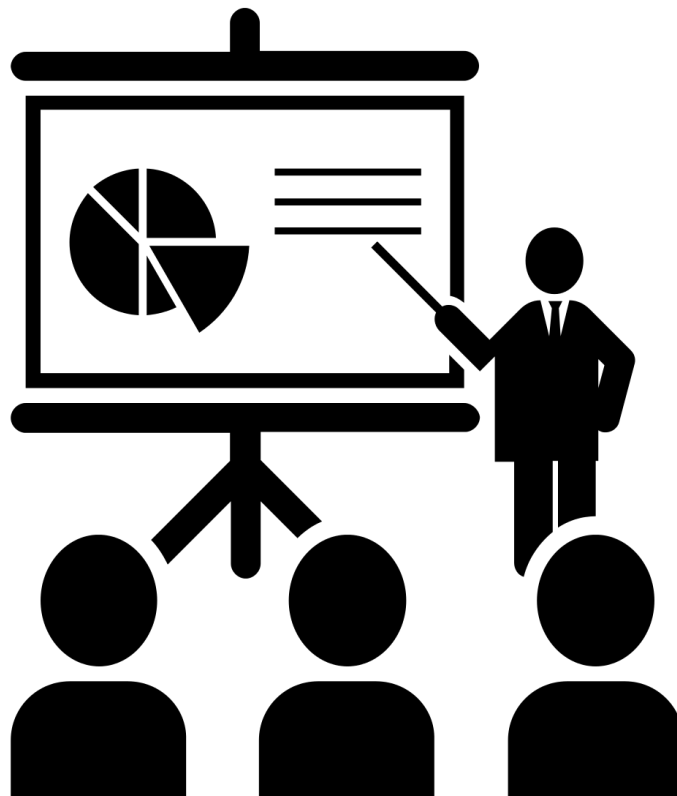
needs of quality sustenance in curriculum development in the chosen fields

- Experts are invited to address the faculty and students on aspects of enriching curriculum content
- Through research activities the faculty contributes to the quality of curriculum development
- Field visits and industrial visits supplementing class room teaching for a deeper and practical grasp of the curriculum

Any additional information regarding Curricular Aspects, which the institution would like to include.

- *The college intends to expand the horizon of its services to local community through introduction of community college where a special programme called Bachelor of Vocation is proposed.*
- *Through the Academic component of extension activity, training/orientation classes for high school and Junior College teachers in Science subjects will be planned so that high school students of rural colleges are exposed to the importance and need to study fundamental science to seek opportunities to pursue science in higher studies.*
- *Training classes in science subjects with practicals will give an opportunity to visit the college in batches and practical training classes will be planned so that they can teach better with a practical background experience.*

Criterion II
Teaching-Learning &
Evaluation



CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment And Profile

2.1.1 How does the College ensure publicity and transparency in the admission process?

The College has an impressive history of over 85 years. With a large number of course combinations to choose from, it has an exemplary reputation for excellence in higher studies in Karnataka.

Publicity: The college ensures wide publicity to the Graduate and Postgraduate admission process through notification in local and national newspapers as well as in the college website. The admission committee is entrusted with responsibilities like the preparation of admission notification, prospectus and other relevant activities. There is separate admission procedure for Graduate, Postgraduate and Ph.D. programmes.

Transparency: In order to bring transparency, after the last date for submission of applications is over, the applications are sorted on the basis of merit and reservation categories and information containing general merit, category and other related matters are displayed on the college website as well as on notice boards. Enough time is also given to report discrepancies, if any. The final merit list along with information regarding candidates to be called for counseling is displayed. For each phase of admission, students are given information about the admission procedure, facilities available in the college. Transparency in admission process is ensured by following the guidelines of State Government and University with reference to merit and roaster. Thus transparency is ensured from the stage of notification till the completion of admission process. Access, equity and social justice are ensured through transparency and strict adherence to rules.

2.1.2 Explain in detail the process of admission put in place for UG, PG and Ph.D. programmes by the College. Explain the criteria for admission (Ex. (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common test conducted by state agencies and national agencies (v) others followed by the College?

The college offers only Graduate and Postgraduate courses. Date of issue of application forms / prospectus is notified through newspapers as well as the college website. Application forms can be brought from office and on the spot enquiries are attended to by the Office Superintendent and a team. Selection of students to the course is based on the marks obtained in the qualifying exam. The college admits the students solely on the basis of merit in the qualifying examination. In case University of Mysore lays down a criterion like entrance test, then the college strictly adheres to it. Both for Graduate and Postgraduate courses, the State Government / University of Mysore policy is followed. Admission committees are constituted by giving proper representation to different categories and experience of teachers. The

admission committees chalk out detailed action plan for admissions, oversee the process of admission and provide informal counseling to the students and parents concerned about the choice of programmes. In case of Doctoral level the University conducts entrance test to select students. The merit cum reservation policy is followed in the entire admission process.

2.1.3 Does the College have a mechanism to review its admission process and student profiles annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

Yes. The College has a review mechanism with respect to admission process and student profile. Review of admission process on a regular basis helps in hassle free admission routines beside attracting quality inputs into the academic stream.

- Admission details are discussed in the College Council and Staff Council meetings after the admission process with special emphasis on demand and supply ratio
- Based on the suggestions offered in the meetings, resolutions are passed to introduce additional sections in those branches where there is excess demand and to initiate remedial measures to plug the deficiencies in the system where the demand plummets
- To improve the enrolment in certain subjects, teachers from the respective departments are entrusted to counsel the students at the time of admission besides emphasizing publicity

2.1.4 What are the strategies adopted to increase / improve access to students belonging to the following categories

- **SC/ST**
- **OBC**
- **Women**
- **Different categories of persons with disabilities**
- **Economically weaker sections**
- **Outstanding achievers in sports and extracurricular activities**

The reservations for different categories are as follows:

Category	Percentage
SC	15
ST	3
Cat-1	4
II A	15
IIB	4
IIIA	4
IIIB	5
GM	50

SC/ST and OBC:

Reservation policies of the State Government are rigidly followed to ensure that the strategies adopted by State Government in the creation of equity and provision of access of the SC/ST and OBC applicants are implemented. The admission committee of the college guides and monitors implementation of the policy. The State and Central government scholarships are given to SC/ST and OBC applicants. Hostel facility is given on priority. Book bank facility is available for SC/ST students in the library. The special cell for SC/ST, University of Mysore also organizes, and monitors the working of the remedial coaching schemes. It also implements new developmental programmes for the benefit of SC/ST students.

Women:

For women, there is no separate reservation for admission except in the case of a student being a single girl child in the family. But the women candidates are provided with equal opportunity. Separate hostel facilities are available for women. The college also provides counseling on the importance of women's education, exclusive facilities available for women, financial incentives and security and protection provision.

Different Categories of persons with disabilities:

There is reservation for students belonging to differently abled categories as per UGC notifications. Their requirements and needs are given special care and attention.

Economically Weaker Sections:

The College provides fee concessions for students from economically weaker sections. Students belonging to these sections are allowed to pay the fee in instalments.

Outstanding achievers in sports and extracurricular activities:

Outstanding achievers are given top priority while giving admission. Programme of their choice and concessions in fee are also given. Condoning the attendance shortage on valid basis is in practice. Achievers are given sports uniforms and incentives.

2.1.5 Furnish the number of students admitted in the College in the last four academic years.

Graduate:

Categories	2010-11		2011-12		2012-13		2013-14	
	M	F	M	F	M	F	M	F
SC	347	65	411	74	405	77	422	87
ST	74	16	115	18	102	18	94	22
OBC	511	153	583	189	596	181	608	234
General	283	149	272	157	203	128	248	134
Others	46	10	51	11	50	13	55	10

Postgraduate:

Categories	2010-11		2011-12		2012-13		2013-14	
	M	F	M	F	M	F	M	F
SC	03	02	04	02	04	03	03	03
ST	00	00	01	00	01	01	01	01
OBC	12	12	12	21	12	14	11	18
General	00	07	01	08	13	06	03	10
Others	00	00	00	00	02	01	02	00

2.1.6 Has the College conducted any analysis of demand ratio for the various programmes offered by the College? If so, indicate significant trends explaining the reasons for increase / decrease.

Programmes	Number of Applications	Number of Students admitted	Demand Ratio
<i>Graduate</i>			
B.Sc.	2261	765	1 : 2.95
BBA	98	39	1 : 2.51
BCA	197	63	1 : 3.12
<i>Post-graduate</i>			
M.Sc. Molecular Biology	146	20	1 : 7.3
M.Sc. Chemistry	298	32	1 : 9.31

2.1.7 Was there an instance of the College discontinuing a programme during last four years? If yes, indicate the reasons.

MA in English course was discontinued from 2011-12, 2012-13, 2013-14. Of the four permanent teachers, two resigned from the University and one passed away due to terminal illness. The course had to be suspended for a while as there was only one permanent faculty heading both the Graduate and Post graduate departments. However, the course has been restarted in 2014-15.

2.2 Catering And Student Diversity

2.2.1 Does the College organize orientation / induction programme for freshers? If yes, give details of the duration of programme, issues covered, experts involved and mechanism for using the feedback in subsequent years.

Yes. The College organizes a two/three day orientation programme for all I semester students covering diverse issues such as higher education in India, value education, yoga, study skills, communication skills, personality development, traffic rules and regulations, laws related to public discipline, library orientation, sports orientation, examination pattern, student support services like NCC, NSS etc. The experts

involved are from academia, industry, recruitment agencies and distinguished alumni and senior students. As soon as the students are admitted, the college has a mechanism through which the differential requirements are analyzed before the commencement of the classes.

2.2.2 Does the College have a mechanism through which the “differential requirements of student population” are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

Yes. Even though the college is set up in an urban area a major percentage of students are from surrounding rural areas. Students with poor language skills coming from rural areas and the regional language medium are given special coaching in spoken and written English after admission. Regular remedial courses are conducted by various departments like Chemistry, Botany Zoology, Biochemistry, Physics, Mathematics, Microbiology, Food Science, English, Sanskrit etc. The faculty address the students to acquaint them with academic and non-academic programmes of the college.

2.2.3 Does the College provide bridge /Remedial /add - on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

Yes, The college conducts remedial courses in subjects like Chemistry, Botany Zoology, Biochemistry, Physics, Mathematics, Microbiology, Food Science, English, Sanskrit. The time table for these courses are outside the regular class hours.

Sl. No.	Nature of the Programme	Organizing Department	Target group
01.	Bridge Course	Computer Science	B.C.A., B.Sc.
02.	Remedial Coaching	Chemistry, Botany Zoology, Biochemistry, Physics, Mathematics, Microbiology, Food Science, English, Sanskrit.	B.Sc.
03.	Soft skill training programme	Career Guidance and Placement Cell	Generic
04.	English proficiency Language lab training	English	Generic
05.	Career Guidance in civil services & Banking exams	Career Guidance and Placement Cell	Generic
06.	Training	Career Guidance and	Generic

	programme in soft skills, English communication and basic computer skills	Placement Cell in collaboration with CPDPS, University of Mysore	
07.	Workshop on Personality Development	Career Guidance and Placement Cell in collaboration with CPDPS, University of Mysore	Generic

2.2.4 Has the College conducted a study on the incremental academic growth of different categories of students; - student from disadvantaged sections of society, economically disadvantaged, physically challenged and slow learners etc.? If yes, give details on how the study has helped the College to improve the performance of these students.

Yes. The college offers 6 semesters (3 years) Bachelor degree, 10 Semesters (5 years) Integrated Masters Degree and 4 semesters (2 years) Masters degree programme wherein entry level qualifications are PUC or + 2 in the former case and Bachelor degree in the latter. Students enrolled in these programmes are expected to acquire knowledge in a phased manner and their incremental academic growth is tested and verified through semester end examinations besides continuous evaluation

- A study on incremental academic growth of different categories of students is observed through the analysis of the result of semester examinations
- To ensure consistent academic progress the College has an effective mechanism of continuous evaluation, in the ratio 1 : 4
- For Graduate programme, internal assessment marks are awarded based on tests, assignments, viva voce. Further, the semester scheme keeps the students always on their toes in as much as academic fervor is concerned.
- For Postgraduate programmes, The CBCS has internalized mechanism of continuous assessment and monitoring of academic progress through 75% of compulsory attendance in each semester

2.2.5 How does the institution identify and respond to the learning needs of advanced learners?

The faculty identifies the advanced learners on the basis of classroom interaction. Students are subjected to various methods of evaluations like individual responses, tests, seminars, debates, assignments after each unit of syllabus. In order to help the advanced learners to improve their aptitude and other talents, they are encouraged to take part in various inter and intra college competitions. They are encouraged to study the advanced books to enrich their knowledge. They are given

opportunities to carry out research projects mentored by the faculty.

List of VGST Projects:

Sl. No.	Name of the Student	Title of the project	Name of the mentor	Amount sanctioned
01.	Kamran Wasim & Bharath	Synthesis of Coumarin analogues and their biological activities	Dr. Shaukath Ara Khanum	Rs.30,000=00
02.	Kumar C	Synthesis of magnetic nano particle and their use in environmental and health analysis	Dr. Devaraju	Rs.30,000=00
03.	Roshan Sawhill	Investigation of Fibanocci sequences	Dr. S. Latha	Rs.30,000=00

Students are guided for national level tests and are encouraged to participate and present their work through posters and paper presentations in various conferences and seminars. Field visits, Study tours, Industry visits are arranged. Students are taken on educational tour to reputed research institutes where students are given opportunity to interact with accomplished scientists. This helps the advanced learners to get into those institutes in future either for project work or for Ph.D program. The college has a scheme for encouraging outstanding achievers through cash awards and gold medals.

2.2.6 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

Reservation is strictly followed to provide admission to the differently abled students. Differently abled students need special attention and support. The college has made all efforts to create a comfortable environment for differently abled students. University of Mysore allocated Rs. 1,00,000/- towards scholarship amount to the differently abled students. According to their needs hostel facilities are made available. Extra time is given for writing the examination for those with medical abnormality. Drushti, Centre for Education of visually challenged is also established in the Central Library.

2.3 Teaching-Learning Process

2.3.1 How does the College plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan and evaluation blue print, etc.)

Academic Calendar:

- The Academic Calendar is prepared every year in consultation with the Administrative Officer, Controller of Examinations and College Council.
- The Calendar is approved by the Academic Council and Governing Body.
- The Calendar is published in the College prospectus and uploaded in the website prior to the reopening of the college.
- The internal tests and term-end examination dates and date of announcement of results along with major academic events are indicated in the calendar.

Teaching Plan

- The teaching plans are prepared and finalized at the department level and necessary measures are taken to ensure that teaching programme sticks to schedule.
- Periodic verification of student's attendance and teaching plan of faculty by the Principal/Administrative Officer ensures smooth functioning of the service delivery mechanism.

Evaluation Blue Print

Sl. No.	Evaluation/Examination pattern	
1.	Question paper setting for final examinations (Internal/External/Combined)	Combined
2.	Evaluation (Completely internal/completely external/partly external and partly internal)	Partly external and partly internal

3. Proportional weightage of Continuous internal assessment and final examination (Also indicate break-up for assignments, tests etc., for awarding continuous internal assessment)		
	<p>B.Sc. Degree <u>Subjects with Practicals:</u> I to IV Semester Theory – 70; Practical – 30 = 100 Theory IA – 10 for Test Practical – 20 Practical IA (Record + Continuous Assessment) 5 + 5 = 10 V to VI Semester Theory – 200 (80+80+20+20) Theory IA – 20 for Test Practical – 100 (80 + 20) Practical IA – 20 (Record tour report/visit to lab + continuous assessment)</p>	<p>B.Sc. Degree <u>Subjects without Practicals:</u> I to IV Semester-IA: Exam: 1:4 Final Examination-80 IA 20 (10 marks for IA Test and 10 Continuous Assessment Total marks 80 + 20 = 100 V to VI Semester IA: Exam: 1:4 Final Examination – 240 IA 60 (40 marks for IA Test and 20 Continuous assessment) Total marks: 240 + 60 = 300 PG Programme (5-Year Integrated M.Sc. in</p>

<p>BCA Degree: I & II Semester: Theory: 4 Papers – 400 marks (320 + IA 80) Practical: 200 marks (160 + IA 40) III & IV Semester: Theory: 5 Papers – 500 marks (400 + IA 100) Practical: 200 marks (160 + 40) V Semester Same as in I & II Semester VI Semester Project work on software development, the report should be submitted for reevaluation at the time of practical examination: Dissertation: 120 marks IA : 40 marks Viva voce : 40 marks</p> <p>BBA Degree: I to IV Semester: 3 Papers Each Semester: 100 marks (80+ 20) Theory: 80 marks; IA : 20 IA: Viva-voce - 5 marks Test - 5 marks Record/Skill Development-10 marks V Semester: 6 papers : 100 marks Each (80 + 20) Theory: 480; IA: 120 = 600 marks VI Semester: 5 papers: 100 marks + 1 project work which carries 100 marks Candidate has to submit the report after visiting different leading industries regarding Finance/Marketing Mgmt./HRM. The report will be evaluated by the examiners.</p>	<p>Molecular Biology) I and VIII Semesters: (Non-CBCS scheme)-III Semester to X Semester IA: Exam: 1:4 Theory 80 marks IA 20 marks (10 marks for IA test, 10 for assignment and seminar) Total marks 80 +20 = 100 Practical: 50 (Exam 40 + IA 10 for continuous assessment and record evaluation) IX Semester Theory 80 marks IA 20 marks (10 marks for IA test, 10 for assignment and seminar) Total marks: 80 + 20 =100 Practical : 50 (Exam 40 + IA 10 for Continuous assessment and record evaluation) Project work: 100 marks X Semester: Theory 80 marks: IA 20 marks (10 marks for IA test, 10 for assignment and seminar) Total marks: 80 + 20 = 100 Dissertation: 400 marks CBCS scheme – Evaluated with Continuous Grade Point Average (CGPA) – IA: Exam= 1 : 1 Each course paper is evaluated as follows: C₁ component IA : 25 marks C₂ component IA : 25 marks Theory examination and/Practical examination: 50 marks</p>
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		<p>M. Sc. Chemistry I to IV Semesters: Candidates earn minimum 76 credits for successful completion of M. Sc. Degree in Chemistry by studying hard core (min.52 credits), soft-core (min credits) and open elective (min. 08 credits) Theory: 50 marks, IA: 50 marks (C₁ =25, C₂ = 25 for continuous assessment + test + seminar etc.) Practicals: 50 (C₃) IA: 25marks (C₁ =25, C₂ = 25 for continuous assessment and record evaluation)</p>
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2.3.2 Does the College provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

Yes. The College provides the course outline and course schedules before the commencement of the academic section.

- A schedule of academic programmes is finalized at the department level staff meetings and the same is conveyed to the students.
- The Head of the Departments concerned ensure effective implementation of the course outline and course schedule.
- Periodic verification of teaching plan, progress review in department meetings, review of Internal Assessment, semester end examination results and feedback act as general tools for control.

2.3.3 What are the courses, which predominantly follow the lecture method? Apart from classroom interactions, what are the other methods of learning experiences provided to students?

Languages and Mathematics predominantly follow traditional chalk and talk method. Besides, ICT enabled teaching-learning modules are also used. All other graduate courses in science, commerce and management use blended teaching learning methods. Other methods of learning are Group discussions, Field study, Project work, Assignments, Seminars, Demonstrations and Exhibitions, Specimen collection trips, Debates etc.

2.3.4 How is 'learning' made more student-centric? Give a list of participatory learning activities adopted by the faculty that contribute to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

The College is fully aware of the fact that for the holistic development of students, it is necessary to give enough attention to co-curricular activities along with a sound curriculum. Participation in Seminars, Projects, Field trips, Industrial visits, and Quiz promote self and participatory learning. In addition, assignments, tests, contribution to college magazine also promote self and participatory learning. Efforts are made at the college level to ensure student centric learning and knowledge management by

- Using ICT tools in the class rooms
- Providing library facilities for self-learning
- Organizing seminars, conferences, workshops and debates.
- Ensuring holistic development and enhancing student learning with the help of following activities:

Group discussion, Educational Field trips, Projects, Debates, Interactive lectures by eminent resource persons, Participation in seminars, conferences, Displaying models and charts, Organizing exhibitions, Screening of documentary films.

Apart from these, special lectures are arranged at the department level by inviting subject experts. Students are motivated and encouraged to interact with the subject experts to gain rich knowledge and clarify their doubts.

2.3.5 What is the College policy on inviting experts / people of eminence to provide lectures / seminars for students?

- Individual departments have flexible norms in organizing special lectures, seminars and workshops.
- List of Resource persons is available at every department. Based on the nature of programme experts are invited from academic, research and industry arena.

2.3.6 What are the latest technologies and facilities used by the faculty for effective teaching? Ex: Virtual laboratories, e-learning, open educational resources, mobile education, etc.

- Software used exclusively for teaching and research include: WinEdt., Surfer Software, Map INFO software, DS Gene (Discovery Studio Gene Trial)- for gene data analysis, Gene Tool (Trial): For both DNA and Protein related data analysis, SPDBV: Swiss Protein Data Bank viewer: This is for Molecular structure analysis, viewing, Accelrys Draw: Accelrys Draw enables scientists to draw and edit complex molecules, chemical reactions and biological sequences with ease, MEGA 6: Molecular Evolutionary Genetic Analysis 6: For studying phylogenetic relationship. Phylip: Free package program for Phylogenetic analysis, Spectramanager: The Jasco V 650 series spectrometer utilizes the Spectra Manager Spectroscopy Software and it is a program designed for Windows and is complete suite offering data acquisition, analysis and presentation; ArgusLab is a molecular modeling, graphics and drug design program for windows operating

systems; Autodock; Thermochemical data analysis; Thermochemical data analysis: This is a software bought along with ELISA reader for all type data analysis.

- The English Language lab is equipped with 21 computers loaded with CLARITY SNET software for teaching practice and testing English language skills.
- Faculty members have access to e-resources available in the digital library (UGC N-List 3000 online journals and 70,000 e-books, UGC – Infonet journals-7000)

2.3.7 Is there a provision for the services of counselors / mentors/ advisors for each class or group of students for academic, personal and psycho-socio guidance? If yes, give details of the process and the number of students who have benefitted.

Academic and personal counseling of the students is done by the teachers of the departments, if necessary. In practical classes of the science departments there is scope of mentoring through interaction of the students with the teachers. In significant cases teachers interact with the students both informally and formally. The Administrative Officer oversees the counseling needs of the foreign students. Academic, personal guidance is also provided by counseling the student at the time of admission by enlightening the student on the selection of course and guiding the student regarding placement, future studies etc.

2.3.8 Are there any innovative teaching approaches/methods/ practices adopted/put to use by the faculty during the last four years? If yes, did they improve the learning? What methods were used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

As mentioned under 2.3.4 above, various methods are adopted by the teachers to make learning effective as well as interesting. The college authority always encourages teachers to practice innovative methods provided the fund permits the same. Whenever any new grant is available the authority asks for proposals from the departments for utilization of the funds. The departments are given full liberty to choose equipment/software/materials to be purchased.

2.3.9 How does the College create a culture of instilling and nurturing creativity and scientific temper among the learners?

Efforts are made to instill and nurture creativity and scientific temper among the students on a continuous basis. The creativity of the students is kindled by encouraging them to write in the college magazine and publish their project outcomes as research articles. Many departments send their students to other research organizations like JNCASR, IMS, IAS, CFTRI, CSRTI etc., for knowledge sharing

during their vacation period. Students are motivated to participate and present papers, posters in national and international forum.

2.3.10 Does the College consider student projects a mandatory part of the learning programme? If so, for how many programmes is it made mandatory?

- **Number of projects executed within the College**
- **Names of external institutions associated with the College for student project work**
- **Role of the faculty in facilitating such projects**

The departments of Management Science and Computer Applications have individual projects as part of their academic learning in graduate courses. Chemistry and Molecular Biology departments have project work mandatory in Post-graduate courses. The external agencies such as KMF, Mysore, Kirloskar Electric Company Ltd., Mysore, Tanishq Jewellers, Sri Sharada TVS, Mysore, Sri Chamarajendra Zoological garden, Mysore, Falcon Tyres Ltd., Mysore, Kirloskar Electric Company Ltd., Mysore, ICICI Prudential Life Insurance company, Mysore, Nestle India Ltd. Nanjangud, NIMHANS, Bangalore, Indian Institute of Science, Bangalore, etc., are associated with the college for student project work. Faculty members are the guides for the students project work. They help the students in building rapport with the external agencies for collecting primary and secondary data for the project.

- In the BCA programme, projects are executed within the college guided by the faculty members. Projects are a part of the curriculum.
- In the BBA programme and Integrated M.Sc. Molecular Biology programme projects are a part of the curriculum, but are executed in association with external institutions/laboratories/industries. The faculty advise and assist the students in identifying these institutions and interact with students periodically to discuss the progress of the projects.
- In the M.Sc. in Chemistry programme, projects are a part of the curriculum and are executed in part in the college and in part in institutions/laboratories outside the college.

Details of the Student Projects: Appendix - VII

2.3.11 What efforts are made to facilitate the faculty in learning / handling computer-aided teaching/ learning materials? What are the facilities available in the College for such efforts?

Adequate computer and internet facilities (1 Gbps Broad band line) are provided to all teachers in their respective departments and regular training programmes are conducted to help teachers make effective use of these facilities. Several licensed software are available for computer aided teaching. Computerized language laboratory, 7 e-class rooms 15 classrooms with LCD projectors installed are also available. Wi-Fi facility is also available in and around the old building of the college.

2.3.12 Does the College have a mechanism for evaluation of teachers by the students / alumni? If yes, how is the evaluation used in achieving qualitative improvement in the teaching-learning process?

Regular evaluation of the teachers is done by the students about their teaching abilities, teaching methodology, resourcefulness, etc. It is quantitatively measured in 5 point scale. The consolidated report of evaluation is given to the teachers. Instructions are given to those teachers who fall short of expectations and those teachers who deliver services to the satisfaction of students are appreciated.

2.3.13 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If yes elaborate on the challenges encountered and the institutional approaches to overcome these.

No, The college is not facing any serious challenge in the completion of curriculum within the planned time frame and calendar. Because of semester scheme teachers have the responsibility to complete the syllabi within the stipulated time. Teachers therefore plan and organize classes according to this requirement. Some teachers maintain lesson plans in order to finish the syllabi within reasonable time. Departments arrange for special classes as and when necessary to overcome the challenges like strikes, government enforced extra holidays, teachers availing medical leave etc.

2.3.14 How are library resources used to augment the teaching-learning process?

The college has centralized library apart from small departmental libraries. Using the catalogues from different publishers, Heads of the Department order for books. The range of subjects represented by the library collection reflects our college's ever growing zest for newer areas of study and research. Majority of staff can efficiently use the internet and they share their knowledge of innovative research topics, reviews, methodology, data gathering and information output with the learners. Students are provided with library card and are encouraged to make use of the library services.

2.3.15 How does the institution continuously monitor, evaluate and report on the quality of teaching, teaching methods used, classroom environments and the effect on student performance.

There is a well-established mechanism in place by which the college continuously monitors and evaluates the quality of teaching:

- Classroom attendance of students is closely monitored
- Regular interaction between students and teachers
- Continuous Assessment holding class tests, terminal examinations
- Student's feedback.

- Principal and the Heads of the Departments monitor the teaching learning process within the classroom once in a while through observations and interaction with selected students on random basis.

2.4 Teacher Quality

2.4.1 What is the faculty strength of the College? How many positions are filled against the sanctioned strength? How many of them are from outside the state?

Faculty strength 2013-14

Sl. No.	Designation	Sanctioned	Filled
1.	Associate Professors	33	33
2.	Assistant Professors	47	34
3.	Temporary	-	95
4.	Outside State	-	-

2.4.2 How are the members of the faculty selected?

Yuvaraja's college is a constituent college of the University of Mysore. The faculty is selected through Board of Appointments constituted by University of Mysore, as per the statutes and act of the University and as per the UGC norms. As per the University Act 2000, section 53(A), there will be a Board of Appointment (BOA) for the selection to the posts. Every post to be filled by selection shall be duly and widely advertised with minimum and other qualifications required, the emoluments and number of vacancies to be filled. A reasonable time is allowed within which the applicants may apply. Teaching positions are created due to retirement of teachers and increase in the workload.

2.4.3 Furnish details of the faculty

Highest qualification	Professor		Associate Professor		Assistant Professor		Total	
	M	F	M	F	M	F	M	F
Permanent Teachers	-	-	22	11	21	13	43	24
D.Sc./D.Litt.	-	-	0	0	-	-	-	-
Ph.D.	-	-	19	11	16	10	35	21
M.Phil.	-	-	04	0			4	0
PG	-	-	22	11	21	13	43	24
Temporary Teachers	-	-	38	57	-	-	38	57
Ph.D.	-	-	02	05	-	-	02	05
M.Phil.	-	-	-	-	-	-		

PG	-	-	38	57	-	-	38	57
Part-time Teachers	-	-	-	-	-	-	-	-
Ph.D.	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	-	-

2.4.4 What percentage of the teachers have completed UGC-CSIR-NET, UGC-NET, and SLET exams? In that what percentage of teachers are with PG as highest qualification?

Qualification	Number	Percentage
UGC CSIR NET	01	1.49
UGC NET	14	20.89
SLET	14	20.89
Ph.D.	56	83.58
M.Phil.	04	5.9
PG	67	100

2.4.5 Does the College encourage diversity in its faculty recruitment? Provide the following departments-wise details.

Sl. No.	Department	% of faculty who are product of the same college	% of faculty from other colleges within the state	% of faculty from other states
01	Biochemistry	01	02	
02	Biotechnology	-	01	
03	Botany	01	04	
04	Chemistry	02	10	
05	Computer Science		02	
06	Electronics		01	
07	English		01	01
08	Environmental Science		01	
09	Food Science & Nutrition		01	
10	Geology	03		
11	Hindi		01	
12	Kannada		04	
13	Management Science		01	
14	Mathematics		04	
15	Microbiology		03	
16	Molecular Biology		01	
17	Physics	04	07	
18	Sanskrit		01	
19	Sericulture		03	

20	Statistics		02	
21	Zoology	03	01	01

20.89% of faculty are product of the same college

76.11% of faculty are from other colleges within the state

2.9% of faculty are from other states.

2.4.6 Does the College have the required number of qualified and competent teachers to handle all the courses for all departments? If not, how do you cope with the requirements? How many faculty members were appointed during the last four years?

Although all the departments have efficient, competent and qualified teachers to handle all the courses, the excess workload available for the existing faculty is distributed among quite a large number of guest faculty recruited on the basis of reservation cum merit and competent visiting professors. No appointments have been made in the past four years for the sanctioned posts.

2.4.7 How many visiting Professors are on the rolls of the College?

Number of visiting professors = 31

List of visiting Professors: Appendix - VIII

2.4.8 What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, nomination to national/international conferences/Seminars, in-service training, organizing national/international conferences etc.)

The College tries its level best to encourage all those activities required to academically ‘recharge’ teachers. Some of the measures taken in this direction are as follows:

- Leave is granted under FIP for doctoral work
- Teachers are deputed to attend Orientation and Refresher courses as per UGC norms and schedules.
- The College brings to the notice of teachers each and every research grant
- The College tries to avail all opportunities for organizing State/National /International Seminars, Conferences and Workshops
- The College encourages teachers to attend National / International level Conferences / Seminars. The college also offers monetary support under CPE scheme and college funds
- The College organizes faculty enrichment/development programmes to motivate and rejuvenate teachers

2.4.9 Give the number of faculty who received awards / recognitions for excellence in teaching at the state, national and international level during the last four years.

Ten faculty members have received awards for excellence.

Sl. No.	Name	Award
1.	Dr. H. Nanjegowda	Shishyaru Mechida Guru Award by Negila Yogi Trust (2014)
2.	Dr. S. N. Hegde	Best writer award of Karnataka Science and Technology (2011), Honoured by Mysore Zilla Kannada Sahitya Sammelan, Periyapatna (2010), Uttara Kannada Jilla Sahitya Parishath, Mundgod (2013).
3.	Prof. S. N. Gayathri	Dr. K.S. Rathnamma Sahitya Award by Mysore Sahitya Samskruti Prathishtana and Mysore Sahitya Vedike (2013)
4.	Dr. S. Latha	ARP by Vision Group of Science & Technology (2011-12)
5.	Dr. H. C. Devarajegowda	ARP by Vision Group of Science & Technology (2011-12)
6.	Dr. Y. C. Nanjundaiah	Jnananidhi award by International Sanskrit Sahitya Academy, Melkote
7.	Dr. S. Mahadeva Murthy	1. Bharath Shiksha Rathan Award, New Delhi 2. Indira Gandhi Sadbhawana Award, New Delhi
8.	Dr. S. Suresh	Bharath Shiksha Rathan Award, New Delhi
9.	Dr. Parashuram	1. NSS state Award 2. University of Mysore NSS Award 3. Sri Jayatjyothi Basaveswara Kayakasri Prashasthi 4. Parisara Upanyasak.
10.	Dr. T. K. Kempegowda	Kuvempu Sahitya Rathna

2.4.10 Provide the number of faculty who have undergone staff development programmes during the last four years. (Add any other programme if necessary)

Academic Staff Development Programmes	Number of Faculty
Refresher courses	24
HRD programmes	-
Orientation programmes	-
Staff training conducted by the College	-
Staff training conducted by University/other colleges	-
Summer / winter schools, workshops, etc.	01
Any other (Please specify)	-

2.4.11 What percentage of the faculty have

- **been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies**
- **Participated in external Workshops/ Seminars/Conferences recognized by National/International professional bodies**
- **Presented papers in Workshops/ Seminars/Conferences conducted or recognized by professional agencies**
- **Teaching experience in other universities / national institutions and others**
- **Industrial engagement**
- **International experience in teaching**

62.68% of the faculty have been invited as Resource persons in Workshops/Seminars/Conferences organized by external professional agencies.

80.59% of the faculty have participated in National and 65.67% in International Workshops/ Seminars/Conferences.

76.11% of the faculty have presented papers in National and 65.67% in International Workshops/Seminars/Conferences conducted or recognized by professional agencies.

2.4.12 How often does the College organize academic development programmes for its faculty, leading to enrichment of teaching-learning process?

- **Curriculum Development**
- **Teaching-learning methods**
- **Examination reforms**
- **Content / Knowledge management**
- **Any other (please specify)**

<u>Curricular Development</u>	:	Once in a year
<u>Teaching-learning methods</u>	:	Continuous
<u>Examination reforms</u>	:	Need based
<u>Content/Knowledge management</u>	:	Continuous
<u>Any other</u>	:	Nil

2.4.13 What are the teaching innovations made during the last five years? How are innovations rewarded?

Adoption of ICT	Student Seminar
Project work	Field study
Group discussions	Demonstrations and Exhibitions

These innovations have been rewarded in the form of better understanding of the subject by the students and increased employability.

2.4.14 Does the College have a mechanism to encourage

- **Mobility of faculty between institutions for teaching**
- **Faculty exchange programmes with national and international bodies?**

If yes, how have these schemes helped in enriching quality of the faculty?

Mobility of faculty between institutions for teaching

- The faculty and students are encouraged to visit other Universities/institutions.
- The College invites senior professors from other universities to deliver lectures to students.
- The scheme of guest lectures is also implemented to have interactions of our students with the outside university experts.

Faculty exchange programmes with national and international bodies

The faculty exchange programmes initiated at National and International level helps in the following ways:

- The faculty and students in the college are able to learn innovative teaching/learning practices and identify new research areas.
- The faculty who visit other Universities under this scheme also become aware of teaching-learning process, research areas and the curriculum in the other Universities, which in turn helps them to update the college curriculum and research interests.

2.5 Evaluation Process And Reforms

2.5.1 How does the College ensure that all the stakeholders are aware of the evaluation processes that are operative?

- The evaluation methods are communicated to the students at the beginning of the semester
- Scheme of examination will be notified in the beginning of each year
- The evaluation process of students is continuous
- The results of the examinations are analysed in the departmental meetings
- Signatures of students are taken on the statement of IA marks to bring absolute transparency.

2.5.2 What are the major evaluation reforms initiated by the College and to what extent have they been implemented in the College? Cite a few examples which have positively impacted the evaluation management system?

The College has adopted progressive evaluation strategies in all the courses. It has been conducting courses with academic flexibility. Recently going one step ahead it has introduced the Choice Based Credit System of Postgraduate courses. There is also modification in the ratio of IA and semester end examination of Post-graduate courses from 25 + 25 + 50 to 15 + 15 +70.

2.5.3 What measures have been taken by the institution for continuous

evaluation of students and ensuring their progress and improved performance?

Graduate Programme:

- For theory papers weightage assigned for continuous assessment and end semester examination is 20 : 80
- Continuous assessment is made by conducting tests giving assignments in every semester for all students
- For practical subject papers, the proportion of marks for theory and practicals 70 : 30, Internal Assessment components with respect to theory and practicals are 10 and 5 respectively

Postgraduate Programme:

- C₁ and C₂ components are continuous evaluations and C₃ is semester end examination.
- The ratio of C₁, C₂ and C₃ is 15 : 15 : 70
- C₁ and C₂ components generally comprise of tests, seminars, assignments, group discussion, practicals.

2.5.4 What percentage of marks is earmarked for continuous internal assessment? Indicate the mechanisms strategized to ensure rigour of the internal assessment process?

At the graduate level the internal assessment marks is 20% and at the post graduate level it 30% (previously it was 50%). The college conducts the internal and continuous assessment process with the same rigor as the end semester examinations. For theory papers three Internal Assessment tests are conducted which are distributed at regular intervals. The best two performances of the candidate are considered. For practical papers the Internal Assessment will be made by continuous evaluation in every practical class with a split up for the performance and the practical record and the average of all the practicals is considered. Absence of the student for genuine reasons such as participation in sports, NSS, Medical grounds etc. provision will be made based on the merit of the appeal to appear for supplementary tests.

2.5.5 Does the College adhere to the declared examination schedules? If not, what measures have been taken to address the delay?

The College adheres to the declared examination schedules. The schedule for both the internal assessment and the end-semester exams is drawn up at the beginning of the academic year. However in situations of emergency like declaration of holiday due to unforeseen circumstances examinations are rescheduled. It is rescheduled in such a way that there is no overall delay in completion of examination process and announcement of results.

2.5.6 What is the average time taken by the College for declaration of examination results? Indicate the mode / media adopted by the College for the publication of examination results e.g., website,

SMS, email, etc.

The results are announced within 15 days after the last end semester exam is conducted. The results are displayed on the college notice board and the same is published in the college website. Students have the access to get their result through internet and mobile phones with download facilities.

2.5.7 Does the college have an integrated examination platform for the following processes?

- **Pre-examination processes – Time table generation, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, etc**
- **Examination process – Examination material management, logistics.**
- **Post examination process – attendance capture, OMR based exam result, auto processing, generic result processing and certification.**

Pre-examination processes – Time table generation, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, etc

The examination process starts with the beginning of the activities of the Board of Examiners (BOE) of all the subjects which are constituted by Board of Appointing Examiners (BOAE) (constituting of BOE in all subjects) of the college for a period of one year i.e., for two semesters. The Chairperson of the BOE of each subject discharges his/her duties in association with the members of BOE strictly within the syllabus prescribed by BOS and passed by Academic Council such as setting the question papers for the various courses and the same in the BOE meeting and handing over to the Controller of Examination for printing.

The Student list is generated as soon as the admission process is complete. There are 28 different combinations and generating time table is a tough task. It is generated through software and manually verified.

The Examination section of the college in consultation with the Academic Council of the college announces the schedule of the examination process. It makes arrangements for the conduct of examinations to the candidates eligible to be examined collecting fee from the students at the rate prescribed by the University of Mysore.

The data related to IA component of evaluation of all the courses received from all the departments is entered and certified by the Head of the Department concerned.

Examination process – Examination material management, logistics:

To avoid malpractice and proper conduct of the examination every candidate appearing for the examination is given admission ticket

authenticated by the facsimile of the Principal and the Controller of Examination with a signed photograph of the candidate affixed on it. A squad is also appointed to inspect and report the malpractices noticed if any.

The coding system in the valuation of the answer scripts is adopted to see that identification of the candidate is not disclosed. The coded answer scripts are valued by the examiners at the rate of 32 answer scripts a day in groups, the sample scripts reviewed by the Deputy Chief of the group. With a view to maintain the standard of evaluation the evaluators are chosen 50% internal and 50% external to the college. This is in view of the financial constraints; the internal examiners are given remuneration as well. In the University, the examiners who conduct practical examination in the home college are not eligible for local conveyance.

Post examination process – attendance capture, OMR based exam result, auto processing, generic result processing and certification

The examination data are being processed by using computer software purchased out of college fund (F&R a/c) and maintained solely for the purpose. The college is able to announce the results and issue marks cards within one or two days after the completion of the valuation.

The Provisional degree certificates for the eligible outgoing students are being issued instantly. The eligibility list of the candidates seeking degree certificates is sent to the University of Mysore from where the candidates are get the same delivered to their address after the convocation.

2.5.8 Has the College introduced any reforms in its Ph.D. evaluation process?

Rules of University of Mysore are followed from time to time. Evaluation are carried out in the University level.

2.5.9 What efforts are made by the College to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved process and functioning of the examination division/section?

Efforts made at the office of the Controller of Examinations to streamline its operations for conduct of fair examinations. An efficient examination software is installed to process the results. The software automatically computes the results and provides the output. Even the marks list is generated automatically which could be directly provided and supplied to the candidates. The Software is password protected so that no malpractice could happen. A ledger copy is being maintained for later use.

2.5.10 What is the mechanism for redressal of grievances with reference to evaluation?

Usually there are hardly any cases of grievance since the system of transparency is followed. However, teachers clarify any point raised by students regarding evaluation process. The students can inform the authorities about their grievances in writing immediately after the examinations are over. The authorities take note of these grievances, if genuine and take necessary steps. For redressal of grievances, with reference to evaluation after the announcement of results, students can apply for seeing the paper, photocopy of the answer script, retotalling and revaluation within a stipulated time.

Provision for revaluation of answer scripts made for the candidates who are not satisfied with the marks awarded to them by paying the prescribed fee by notification. Provision is also made for the candidates to see their answer scripts and check for total mistakes if any and to get photocopies of the same on paying the prescribed fee. The revaluation process will begin with coding of the coded answer scripts by competent external examiners in an accelerated phase to announce the results of revaluation normally within ten days. In line with the rules of the University Examination provision is also made to the student to reject the results of the examination of the semester if desired within 30 days from the date of announcement of the result.

2.6. Student Performance And Learning Outcomes

2.6.1 Does the College have clearly stated learning outcomes for its programmes? If yes, give details on how the students and staff are made aware of these?

The learning outcomes are clearly stated in the curriculum of each programme. The faculty discusses the expected learning outcomes during the Orientation programme of the fresh batch of students. Planning of the lessons semester-wise and its implementation by the faculty is done keeping in view the learning outcome.

2.6.2 How does the institution monitor and ensure the achievement of learning outcomes?

- Analyzing the examination results at the end of each semester makes it possible for teachers to devise corrective action wherever necessary. This ensures enhanced performance in successive examinations.
- The student-centric teaching and learning methods ensure the achievement of learning outcomes.

2.6.3 How does the institution collect and analyse data on student learning outcomes and use it for overcoming barriers of learning?

The learning outcomes are collected through the regular informal interaction in the classes, periodic tests, home-assignments, seminar presentations as well as semester end examinations. Slow learners are

identified and counseled individually in case of specific difficulties, and the teachers themselves work out the strategies suitable to overcome the banners.

2.6.4 Give Programme-wise details of the pass percentage and completion rate of students.

B.Sc., Degree						
Year	NSA	NSP	% Pass	Distinction	I Class	II Class
2010 - 11	412	255	61.89	32	119	94
2011 - 12	607	408	67.22	68	156	164
2012 - 13	661	468	70.80	75	217	160
2013 - 14	542	294	54.24	52	141	92

B.B.A.						
Year	NSA	NSP	% Pass	Distinction	I Class	II Class
2010 - 11	36	25	69.44	01	13	09
2011 - 12	35	29	82.86	01	17	11
2012 - 13	37	19	51.35	01	09	08
2013 - 14	18	09	50.00	02	02	05

B.C.A.						
Year	NSA	NSP	% Pass	Distinction	I Class	II Class
2010 - 11	59	31	52.54	-	-	-
2011 - 12	56	21	37.50	-	-	-
2012 - 13	41	41	100.00	12	19	10
2013 - 14	61	59	96.72	25	24	10

M. Sc. Chemistry						
Year	NSA	NSP	% Pass	Distinction	I Class	II Class
2010 - 11	34	18	52.94	01	05	12
2011 - 12	34	17	50.00	-	04	13
2012 - 13	31	22	70.97	10	12	-
2013 - 14	30	26	86.66	11	15	-

M.Sc. Molecular Biology						
Year	NSA	NSP	% Pass	Distinction	I Class	II Class
2010 - 11	12	12	100	08	04	-
2011 - 12	07	07	100	02	04	01
2012 - 13	03	03	100	02	01	-
2013 - 14	15	14	93.33	10	04	-

Course-wise / Programme Results (in percentage)				
Course	2010 - 11	2011 - 12	2012 - 13	2013 - 14

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B.Sc.	61.89	67.22	70.80	54.24
BBA	69.44	82.86	51.35	50.00
BCA	52.54	37.50	100.00	96.72
M.Sc. Chemistry	52.94	50.00	70.97	86.66
M.Sc. Molecular Biology	100.00	100.00	100.00	93.33

Any additional information regarding Teaching, Learning and Evaluation, which the institution would like to include.

The college is intending to introduce online submission of examination

Criterion III
Research, Consultancy
and Extension



CRITERIA III – RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion Of Research

3.1.1 Does the College have a research committee to monitor and address the issues of research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

The college has shown its commitment towards the promotion of research by constituting a Research Committee. Principal, Administrative Officer and the senior faculty are the members of this committee. The major functions of the Research Committee are as follows:

- Providing information and guidance to faculty about various funding agencies
- Looking to the feasibility of the Research project proposals submitted by the faculty to various funding agencies such as DST, UGC, ICMR, VGST, DBT etc.,
- Motivating faculty to publish articles in reputed National/International journals.
- Ensuring timely release of funds from the funding agencies to promote research activities.
- Encouraging interdisciplinary research.
- Reducing the teaching load of the faculty by 2 hours in the case of Research Supervisors.

3.1.2 What is the policy of the College to promote research culture in the College?

The College has the policy of promoting ethical and evidence based research and encourages its dissemination through publications.

3.1.3 List details of prioritized research areas and the areas of expertise available with the College.

Each department has its own prioritized research areas and the areas of expertise.

The details are listed below;

Sl. No.	Department	Prioritized research areas and the areas of expertise
1	Biochemistry	Biological evaluation of synthetic Bioactive Molecular and extracts & Medicinal plants Experimental Oncology, Lipid Chemistry, Enzymology
2	Biotechnology	Endocrinology
3	Botany	Plant Physiology and Ecology, Angiosperm morphology, Morphogenesis tissue culture and seed technology, Plant Pathology and Plant tissue culture

4	Chemistry	Synthetic organic Chemistry, Biorganic Chemistry, Pharmaceutical Chemistry, Medicinal Chemistry, Analytical Chemistry, Synthetic Chemistry, Inorganic Complexes, Crystallographic studies, Kinetic metal complexes. Kinetics,
5	Electronics	Space science
6	English	Feminist Literary Criticism, Women writing in India, Modern and Contemporary literature, Naratology, Canadian Studies, American Studies, Immigrant Literature
7	Environmental Science	Environmental chemistry and Bioremediation
8	Geology	Palaeontology, Ore Geology, Hydrogeology, Environmental Geology
9	Hindi	Comparative studies in Hindi literature
10	Kannada	Study on Culture, Heritage and Critics, Dravidian Language, Linguistics
11	Management Science	Human Resource Management, Financial Management
12	Mathematics	Number theory, Graph theory, Fuzzy topology, Geometric function theory
13	Microbiology	Agricultural Microbiology, Environmental Microbiology, Seed Technology, Bacterial Diversity, Microbial Physiology, Food & Industrial Microbiology, Water & Waste water Microbiology, Mycotoxicology, Molecular Biology
14	Molecular Biology	Mycology & Plant Pathology, Molecular Plant Pathology
15	Physics	Crystallography, X-Ray diffraction of fibres, Quantum information, Spin Physics, Material science, Crystal growth, Semiconductors, Medical Physics.
16	Sanskrit	Alankara Shastra
17	Sericulture	Insect Physiology, Genetics, Breeding, Molecular Biology,
18	Statistics	SQC, Multivariate and count regression analysis
19	Zoology	Reproductive Biology, Endocrinology, Genetics

3.1.4 What are the proactive mechanisms adopted by the College to facilitate smooth implementation of research schemes/ projects?

- **Advancing funds for sanctioned projects**
- **Providing seed money**
- **Autonomy to the principal investigator/coordinator for utilizing overhead charges**

- **Timely release of grants**
- **Timely auditing**
- **Submission of utilization certificate to the funding authorities**

<u>Advancing funds for sanctioned projects</u>	The college takes a positive view in matters connected with research activities. The teachers are encouraged by intimation to prepare and submit the research project proposals to various funding organizations such as UGC-DST as and when applications are invited.
<u>Providing Seed money</u>	After the submission of proposals for research projects to the funding organizations, the teachers are provided financial assistance by the college/university towards travel to attend and participate interact meetings on invitations from the funding agencies.
<u>Autonomy to the Principal Investigator for utilizing overhead charges.</u>	Principal Investigators have full freedom to choose project investigators and field workers, assistants etc. based on the norms of the funding agencies.
<u>Timely release of grants</u>	Necessary measures are taken to get the grants released on time.
<u>Timely Auditing</u>	The College takes up the entire responsibility of processing the accounts, and preparation of statement of expenditure.
<u>Submission of utilization certificate to the funding authorities</u>	As per the regulations of the funding agencies, the utilization certificates are submitted on time and the Principal Investigator is responsible for timely auditing and submission of utilization certificate to the funding agencies through the Principal of the college.

Apart from the above, the college provides necessary infrastructure facilities like working laboratory, Internet, Library, Chemicals required, water, electricity, furniture etc., for smooth implementation of projects. Also Central library, Institution of Excellence of University of Mysore, are accessible to the faculty.

3.1.5 How is interdisciplinary research promoted?

- **between/among different departments of the College and**
- **collaboration with national/international institutes / industries.**

The College emphasizes on collaboration with institutions of national / international standing to ensure the quality of research. It also

advocates and priorities inter disciplinary approaches from the motive of widening the scope and utility of research. Physics, Biochemistry, Biotechnology, Botany, Molecular Biology, Geology, Environmental Science and Chemistry Departments are involved in inter-disciplinary research projects. They have also published collaborative research articles.

3.1.6 Enumerate the efforts of the College in attracting researchers of eminence to visit the campus and interact with teachers and students?

The college takes major initiative in spearheading the importance of research in the field of higher education. The college encourages the faculty members to invite researchers of eminence to visit the college and interact with teachers and students. The College allocates funds to the departments to conduct workshops, special lectures, conferences and seminars. The college offers local hospitality, honorarium and other allowances to the academicians.

List of Researchers of Eminence who visited the college during the last four years on various occasions: Appendix - IX

3.1.7 What percentage of faculty have utilized sabbatical leave for research activities? How has the provision contributed to the research quality and culture of the College?

Not utilized so far.

3.1.8 Provide details of national and international conferences organized by the College highlighting the names of eminent scientists/scholars who participated in these events.

UGC sponsored National Conference on Applications of Mathematics and statistics was conducted on March 8 – 9, 2011 by the college. The eminent scientists who participated in this event are:

1. Prof. G. Ravindra, Director, NCERT, New Delhi
2. Dr. Padmavathamma, Professor (Rtd), DOS in Mathematics, University of Mysore
3. Dr. Swaminathan, Professor, Saraswathi Narayanan College, Madurai, Tamilnadu
4. Dr. Soner Nandappa. Professor, DOS in Mathematics, University of Mysore
5. Dr. M. S. Mahadeva Naika, Professor, Bangalore University, Bangalore
6. Dr. R. Balakrishnan, Adj. Professor, Bharathi Dasan University, Thiruchinapally, Tamilnadu
7. Dr. R. Rangarajan, Professor, DOS in Mathematics, University of Mysore
8. Dr. B. S. Kiranagi, Professor (Rtd.), DOS in Mathematics, University of Mysore.

9. Dr. S. S. Bhoosanurmth, Hon. Professor, Karnatak University, Dharwad.
10. Dr. TPM Pakkala, Professor, Mangalagangothri, Mangalore University, Mangalore
11. Dr. Pradeep G Siddeshwar, Professor, Bangalore University, Bangalore
12. Dr. B. S. P Raju, Professor, Department of Mathematics, RIE, Mysore
13. Dr. C. S. Yogananda, Professor and Head, Department of Mathematics, SJCE,

3.1.9 Details on the College initiative in transferring/advocating the relative findings of research of the College and elsewhere to the students and the community (lab to land).

- The research findings of all the projects are digitized and made available in the library
- Research output of the college is shared with students by the researchers.
- In the seminars/conferences/workshops the researchers share their experience and findings with the participants

3.1.10 Give details on the faculty actively involved in research (Guiding student research, leading research projects, engaged in individual or collaborative research activity etc.)

- 39 faculty members (58.2% of the faculty) are recognized by University of Mysore as research guides and the list of Research guides and Research Scholars is given in the Appendix – X:
- 16 faculty members (24%) are engaged in minor and major research projects. 14 Major, 05 Minor research projects are ongoing with the total grants of 2,37,09,754/- (Rupees Two crore Thirty seven lakh Nine thousand seven hundred and fifty four only)
- Department of Chemistry (Dr. Shaukath Ara Khanum) has been selected for CISEE proposal “Design Synthesis and Evaluation of Benzoxazole and Triazole Analogues as Xanthine oxidase inhibitors” for the year 2012-13 by VGST
- Smt. H. N. Kanthalakshmi, Department of Mathematics, Sri Shekar Naik, Department of Food Science and Nutrition, Sri. B.C.Manjunath, Department of Physics have been awarded Doctoral degree in the past four years.

3.2 Resource Mobilization For Research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization for last four years.

As the college has not yet been recognized as a research centre, no special budget provisions are made for research. However, the grants received from various funding agencies have been utilized for this.

3.2.2 What are the financial provisions made in the College budget for supporting student research projects?

Students are allowed to use the laboratories, equipment and chemicals required for project work. Funds that were sanctioned under Centre with Potential for Excellence were utilized for procurement of Lab equipment required by the students for their research. Allotment given to the departments is also used for the purchase of essential chemicals, equipments, computers, books etc.,

3.2.3 Is there a provision in the institution to provide seed money to faculty for research? If so, what percentage of the faculty has received seed money in the last four years?

The College ensures that all necessary facilities are extended to faculty members to take up research work. College has provision to provide seed money to the faculty for the participation in research activities.

3.2.4 Are there any special efforts made by the College to encourage faculty to file for patents? If so, provide details of patents filed and enumerate the sanctioned patents.

No patents have been filed so far. The college is contemplating on organizing a seminar to create awareness about intellectual property rights.

3.2.5 Provide the following details of ongoing research projects:

List of On-going Minor projects

Sl. No	Year	Number/Principal Investigator	Name of the Project	Name of the funding agency	Total grant received
Biochemistry					
1	2013-15	MRP(S)-149/12-13/KAMY002/ UGC-SWRO PI: Dr. Sharada A.C.	<i>A study on synthesis and biological evaluation of curcumin analogues for antioxidant & anticancer properties.</i>	UGC	Rs.2,00,000/- (Not yet released)
Chemistry					
2	2013-15	UGC No.:144/12-13/KAMY002/ UGC/SWRO Dt.23.09.2013 PI: Dr. B. S. Sudha	<i>Synthesis and biological evaluation of some novel thiophene, oxazolin and fquinoline derivatives.</i>	UGC	Rs. 2,00,000/-

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3	2013-15	UGC No.:145/12-13/KAMY002/ UGC/SWRO Dt.23.09.2013 PI: Dr. Devaraju	<i>Synthetic study of aryl tetraline analogs and their biological evaluation.</i>	UGC	Rs. 2,00,000/-
4	2014-16	MRP(S)-0533/13-14/KAMY002/ UGC-SWRO dt.28-03-2014 PI: Dr. P. G. Chandrashekar	<i>Synthesis and Biological Studies of some Amino acids conataining new Imidazole Derivatives</i>	UGC	Rs.1,95,000/-

Mathematics

5	2013-15	UGC No.:148/12-13/KAMY002/ UGC/SWRO Dt.23.09.2013 PI: Prof. H.N.Kanthalaks hmi	<i>“New ideas in Geometric Function Theory”</i>	UGC	Rs.1,80,000/-
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Major projects

Sl. No	Year	Number/ Principal Investigator	Name of the Project	Name of the funding agency	Total grant received
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Biochemistry

1	2012-15	F. No. 41-1280/2012 (SR) PI: Dr. J. Rajesha	<i>Bioactive compounds from Indian sesame and flaxseeds : Critical investigations of potential synergy of Comprehensive Phytoestrogens</i>	UGC	Rs.13,78,800/-
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Biotechnology

2	2013-16	DST(SERB/F4 689/2013-14 Dt.21-10-2013 PI: Dr. Chandavar Vidya R	<i>“Comprehensive study of oxidation stress markeers & antioxidants in plasma of two species of fresh water turtles”.</i>	DST	Rs.38,25,000/-
3	2013-16	DST(SERB/F4 940/2013-14 Dt.29-10-2013 PI: Dr.	<i>“Isolation & Characterization of Insulin & Glucagon genes in</i>	DST	Rs.44,42,000/-

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		<i>Chandavar Vidya R</i>	<i>two species & turtles melnochelys trijuga & lissemys punctota</i> ".		
Botany					
4	2011-14	UGC No.40-318/2011(SR) Dt.1.7.2011 PI: Dr. M.K.Mahesh	"Biodiversity of major fresh water wetlands of Mysore and its conservation for Sustainable Economic Development".	UGC	Rs.12,40,000/-

Chemistry					
5	2011-14	UGC No.737/2010 (SR) dt. 06.01.2011 PI: Dr. Shaukath Ara Khanum	"Synthesis of 2-N-methyl indole methyl-N(4-benzoyl) phenoxybutanon e benzimidazoles & efficiency	UGC	Rs.12,00,000/-
6	2012-15	VGST/CISEE/12-13/282 Dt. 16.03.2012 PI: Dr. Shaukath Ara Khanum	"Design synthesis & evaluation of benzaxazole & triazole analoguss as xanthine oxidase inhibitors.	VGST (CISEE)	Rs.30,00,000/-
7	2012-15	UGC No.41-317/2012(SR) Dt.13-07-2012 PI: Dr. M. N. Kumar	"Synthesis & mechanistic investigation of Benzimidazole & Benzothizole derivatives	UGC	Rs.7,15,000/-
8	2012-15	UGC No.41-316/2012(SR) Dt.13-07-2012 PI: Dr. D. G. Bhadregowda	"Efficient & convenient synthesis of Pyrazole, benzimidazole derivative: Biological studies.	UGC	Rs.11,25,800/-
9	2013-15	UGC No.42-230/2013(SR) Dt.25-03-2013	Synthesis, characterization of coumarin based	UGC	Rs.9,44,300/-

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		<i>PI: Dr. Ajay Kuamr</i>	<i>heterocycles and their efficacy as antimicrobial & antioxidant agents.</i>		
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Environmental Science					
10	2011-14	UGC No.39-320/2010(SR) Dt. 01-02-2011 PI: Dr. S. Suresha	<i>“Evaluation of Lechate Contaminants and Impact of Urban Environment on quality of ground water quality in Mysore city”.</i>	UGC Major	Rs.11,27,654/-

Microbiology					
11	2011-14	UGC No.39-215/2010/(SR)) Dt.1.3.2011 PI: Dr. S. Mahadevamurthy	<i>“Sources of domestic pollution of drinking water</i>	UGC	Rs.7,38,800/-

12	2013-15	UGC No.42-465/20139(SR)) Dt.22-03-2013 PI: Dr. P. K. Maheshwar	<i>“Serological and molecular investigation of deoxynivalenol from humans and cattle from several districts of Karnataka”.</i>	UGC	Rs.11,30,800/-
13	2012-15	UGC No.41-39/2012(SR) Dt.11-07-2012 PI: Dr. J. S. Ashadevi	<i>“Effect of Shatavari (Alparagus Racemossus)plant on aging in Drosophila melanogaster”</i>	UGC	Rs.10,26,800/-
Molecular Biology					
14	2012-15	UGC. No.41-408/2012(SR) Dt.16-07-2012	<i>“Studies on the morphological and molecular variability of rice blast</i>	UGC	Rs.10,35,600/-

		<i>Dr. Devaki</i>	<i>N.S.</i>	<i>pathogen in four main rice growing districts of Southern Karnataka”.</i>		
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14 Major projects and 5 Minor Research projects are ongoing with the total grants of Rs.2,37,09,754/- (Rupees Two crores thirty seven lakh nine thousand seven hundred and fifty four only).

3.2.6 How many departments of the College have been recognized for their research activities by national / international agencies (UGC-SAP, CAS, DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthrough due to such recognition.

Department of Chemistry has been recognized by Vision Group on Science Technology, Government of Karnataka for financial assistance of Rs. 30 lakhs under CISEE scheme for the proposal “Design Synthesis and Evaluation of Benzoxazole and Triazole Analogues as Xanthine oxidase inhibitors” for the year 2012-13

Significant outcomes:

- Significant increase in publication and citation in peer reviewed national / international journals.
- Enhanced experience for post graduate students of Chemistry by providing the latest sophisticated instruments.
- Enhanced exposure for Chemistry students towards rare, informative books.

3.2.7 List details of completed research projects undertaken by the College faculty in the last four years and mention the details of grants received for such projects (funded by Industry/National/International agencies).

List of Completed projects

Sl. No	Year	Number/Principal Investigator	Name of the Project	Name of the funding agency	Total grant received
Biochemistry					
1	2009-12	SR/FT/LS-047/2009 PI: Dr. J Rajesha	<i>“Isolation & purification of nutraceuticals and functional food ingredients from Indian flaxseed cultivars:</i>	DST Major	Rs.17,25,200/-

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			<i>elucidation of synergistic effects of bioactives”.</i>		
Chemistry					
2	2012	VGST/P-10/SPiCE/2011-12/1069 Mentor: Dr. Shaukath Ara Khanum	<i>“Synthesis of Coumarin Analogues as Neuroprotectants in Drosophila melanogaster.</i>	VGST Minor	Rs.30,000/-
3	2010-12	F.MRP(S)-542/2009-10/KAMY002/UGC-SWR(HRP) PI: Dr. Ajay Kumar	<i>“Synthesis, Characterization & studies on their biological activity of pyrazoles & 1,3,4-oxadiazoles.</i>	UGC Minor	Rs.78,000/-
4	2010-12	PI: Dr. K. B. Umesha	<i>“Synthesis and biological studies on 1,3,4-oxadiazole incorporated with isoxazole and pyrazole derivatives”</i>	UGC Minor	Rs.67,000/-
5	2012	Mentor: Dr. Devaraju	<i>“Magnetic nano particle for Health & Environmental analysis</i>	VGST Minor	Rs.30,000/-

English					
6	2010	MRP(H) - 776/09-10/KAMY002/UGC-SWRO dt. 12 th Jan 2010 PI: Dr. Yeshoda Nanjappa	<i>“Revisioning the Politics of Religion, Culture and Gender: A Feminist study of Recent partition Narratives by women”.</i>	UGC Minor	Rs.1,05,000/-

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Envirnontal Science					
7	2011-12	Mentor: Dr. S. Suresha	<i>“Bacterial Decolorization of a Textile Dye obtained from an Industry”.</i>	VGST Minor	Rs.30,000/-

Geology					
8	2012-14	MRP(S)-1122/11-12/KAMY002/UGC-SWRO dated 13-07-2012 PI: Dr. M.R.Janardhana	<i>“The abandonment of the Inagaldhal copper mine, Chitradurga district, Karnataka state: Impacts of sulphide mining on groundwater quality”</i>	UGC Minor	Rs.1,50,000/-

Kannada					
9	2012-14	MRP(H)-1861/11-12/KAMY001/UGC-SWRO dt.28-09-2012 PI: Dr. T. K. Kempegowda	<i>“Kuvempu Krutigala Bhasha Prayoga (Experimentati on of Language in Kuvempu works)”</i>	UGC (Minor)	Rs.90,000/-

Mathematics					
10	2010-13	F. No.268/2009(SR) PI: Dr. S. Latha	<i>“A study of linear operators in geometric function theory”</i>	UGC Major	Rs.7,61,012/-
11	2012-13	Mentor: Dr.S. Latha	<i>“Investigation in Fibonacci Sequences”.</i>	VGST Minor	Rs.30,000/-

Microbiology					
12	2010-13	UOM/IOE/ Research/1/ 2010-11 Dt.	<i>“Biodiversity, Bioprospecting and</i>	UGC, MHRD Major	Rs.6,50,000/-

Self Study Report (3rd Cycle)

		22-04-2010 PI: Dr. S. Mahadeva Murthy	<i>sustainable development</i>		
Physics					
13	2010	No.MRP(S)-541/09-10 Dt.08-01-2010 PI: Dr. H.C.Devara je Gowda	<i>“Crystal Growth and Molecular Structure of Some organic compounds”</i>	UGC Minor	Rs.49,000/-

Sericulture					
14	2009-11	F. No. MRP (S)-273/2008-09/KAMY 002/UGC-SWRO Dated 30-3-2009 PI: Dr. H. B. Mahesha	<i>“Studies on induction of resistance against nuclear polyhedrosis in silkworm Bombyx mori and its histopathological status”.</i>	UGC Minor	Rs.1,30,000/-

Zoology					
15	2009-12	DV3/136/2007-2008, Dt.24-09-2009 PI: Dr. Ashadevi J. S.	<i>“Evaluation of two essential plant extracts of Ayurvedic formulations on life span and reproduction using Drosophila”.</i>	UGC Minor	Rs.1,00,000/-
16	2009-11	MRP(S)-615-10/KAMY002/UGC-SWRO Dt. 30-11-2009 PI: Dr. S. C. Jayaramu	<i>“Genetic relationship between inversions karyotypes, electrophormo morphic, morphometric traits and mating activities of Drosophila</i>	UGC Minor	Rs.1,80,000/-

			<i>ananassae</i> ".		
17	2009-12	UGC-MRP No.38-269/2009 Dt.24-12-2009 PI: Dr. Chandavar Vidya R	<i>"In situ hybridization of insulin and glucagon genes in two species of turtles- Melanochelys trijuga and Lissemys punctata"</i> .	UGC Major	Rs.8,64,000/-

4 Major projects and 13 Minor Research projects are completed in the last four years with the total grants of Rs.42,43,612/- (Rupees Forty two lakh forty three thousand six hundred and twelve only) received from various funding agencies.

3.3 Research Facilities

3.3.1 What efforts are made by the College to keep pace with the infrastructure requirements to facilitate Research? How and what strategies are evolved to meet the needs of researchers?

The grants received from UGC under various developmental schemes, CPE fund and VGST fund is used to purchase books, equipments, chemicals and other relevant materials for research activities. The laboratories are maintained and equipped well to promote research. The Students have access to other departmental laboratories if needed. The departments collaborate with various external agencies, Universities, Industries in the field of research.

List of Equipment available: Major items of equipment in the college (Costing more than Rs.50,000/- each)

Description of item	Qty.
Clean air brand airflow vertical flow with circulation facility G-1 construction with power coating	01
Gel Documentation System	03
UV-vis-Spectrophotometer	06
LCD Projectors	08
Labomed make Optics	03
UPS Units with batteries (approx.) (1, 1.5, 3, 5 KVA)	25
Desktop Computers	206
Printers	43
Laptops	13
Scanners	03
Server	01
Rotary Evaporator 1 KVA Chemistry dept	01
X-15 Multimedia Projectors 3M make	01
Trinocular Microscope with 4x, 10x, 40x and 100x objectives 10x eye piece	01

Rotary Evaporator at Biochemistry dept	01
UV-VIS Spectrophotometer in Molecular Biology dept	01
Electrolytic Analyser with Platinum electrode	02
Polorography meter	01
GM connection with Photo Fluoromedia	01
Water distillation unit	01
Microscopes	30
Autoclave (Equitron, Servewell Ltd.)	01
BOD Incubator (Servewell Ltd)	01
Laminar airflow chamber	01
X-15 Multimedia Projector 3M make	01
Trinocular Microscope with 4x, 10x, 40x and 100x objectives, 10x WF Eyepieces, Model: CXR-006	01
V 650-UV-VIS Spectrophotometer with spectra manager	01
El. Precision Balance PB 153-L 1123080634	01
BOD Incubator KBOD-105, 275 Ltrs 570x510x1200 mm, KEMI Brand	01
‘REMI’ brand revolutionary Universal Cooling Centrifuge, model: C-30 BL, Max speed 20,000 rpm. Max RCF 37570 g with accessories	01
‘Celfrost’ brand Deep Freezer capacity 150 Lts, -20°C vertical model with thermostatic control with 1 KVA Stabilizer	01
‘Clean Air’ brand laminar Air-flow bench fully made up of Stainless Steel 304 Grade vertical flow model, 4’x2’x2’, SS work top, HEPA filter and pre-filter, UV lamps, diffused white light pressure manometer, clear acrylic front door side panels of glass. Additional power point lock for gas with recirculation facility	01
DLP Multimedia Projector – Product Code XR-32X	02
PCR Machine Eppendorf Master Cycler Personal with Universal block for 25 x 0.2 ml PCR tube 16 x 0.5 ml PCR tube	01
Fume Hood: (1500L x 750W x 2400H) mm	01
UV-VIS Spectrophotometer at Department of Sericulture	01
ELISA Plate Reader	01
Humidity Chamber	01
Language Lab with 20 Computers and 1 Master Computer with networking	01
E-classrooms	08
Installation of CCTV Surveillance System with LCD TV	1 Unit

- The administrative system receives the infrastructure requirements from each department, which is reviewed by Research Committee and finalized. The Research committee also screens the research proposals by individuals and recommends to funding agencies for research projects.
- Efforts are made by the college to obtain substantial grants for providing infrastructure required for research activity in the college under the various developmental schemes like UGC, DST, etc.,

- The equipment are maintained to keep them fit for research by periodic upgradation or purchase of new equipments in case of necessity.

3.3.2 Does the College have an information resource centre to cater to the needs of researchers? If yes, provide details on the facility.

The college library with sufficient facilities is as an information resource centre having good collection of books related to all subjects, e-journals, e-books. The researchers can have access to the research database in campus and off campus through the assigned username and passwords.

3.3.3 Does the College provide residential facilities (with computer and internet facilities) for research scholars and faculty?

Yes.

3.3.4 Does the College have a specialized research centre/ workstation to address challenges of research programmes? If yes, give details.

No. It is planned to have in future.

3.3.5 Does the College have research facilities (centre, etc.) of regional, national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

Yes. The College has access to research facilities of international repute to cater to the needs of research scholars in “Institution of Excellence”, University of Mysore. The facilities currently available are being used by research scholars, and the college strives hard to improve to the current needs.

3.4 Research Publications And Awards

3.4.1 Highlight the major research achievements of the College through the following:

- Major papers presented in regional, national and international conferences
- Publication per faculty
- Faculty serving on the editorial boards of national and international journals
- Faculty members on the organization committees of international conferences, recognized by reputed organizations / societies.

Major papers presented in regional, national and international conferences Appendix – XI

Apart from being resource persons and chairpersons in seminars and conferences, some of the faculty members also encouraged their research students to present joint papers. A list is provided.

Publication per faculty: Appendix XI

More than 600 Research Articles have been published by faculty in the last four years. Publication per faculty is 9.

Faculty serving on the editorial boards of national and international journals: A number of faculty members of the college have the privilege of being the Associate Editors and Referees of national and international journals of repute. A few are listed in the Appendix XI

Faculty members on the organization committees of international conferences, recognized by reputed organizations/societies

- Dr. S. N. Hegde, Chairman, Organizing Committee, Third Annual Conference of Karnataka State Science & Technology Academy, Mysore 15-16 February, 2011, Mysore, India
- Dr. S. N. Hegde, Chairman, Suvarna Manasa, Exhibition organized by University of Mysore, 15-24 February, 2011
- Dr. D. G. Bhadregowda, Member of the Organizing Committee of the International symposium on Challenges Drug Discovery Programme-2011 at KSOU, Manasagangotri, Mysore 16-17 February 2011, India
- Dr. M. N. Kumar, Member of the Organizing Committee of the International symposium on Challenges Drug Discovery Programme-2011 at KSOU, Manasagangotri, Mysore 16-17 February 2011, India
- Dr. M. N. Kumar, Member of the National Advisory Committee of the UGC sponsored National Conference on recent trends in Chemistry, PES College of Science, Arts and Commerce, 16-17 September, 2011, Mandya, India
- Dr. K. Shivashankara, Member of the Organizing Committee of National conference on the Works of Srinivasa Ramanujan organized by DOS in Mathematics, Manasagangothri University of Mysore 03 July, 2010, Mysore, India

3.4.2 Does the College publish research journal(s)? If yes, indicate the composition of the editorial board, publication policies and whether it is listed in international database?

No.

3.4.3 Give details of publications by the faculty:

- **Number of papers published in peer reviewed journals (national international)**
- **Monographs**
- **Chapters in Books**
- **Editing Books**
- **Books with ISBN numbers with details of publishers**
- **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)**
- **Citation Index – range / average**

- **SNIP**
- **SJR**
- **Impact factor – range / average**
- **h-index**

Number of papers published in peer reviewed journals (national international): More than 600 papers have been published in the last four years as shown in Appendix V (3.4.1 (b))

Monographs : Nil

Chapters in Books : Nil

Editing Books : 02 Dr. S. N. Hegde, Editor, *Vijnana Karnataka*, Prasaranga, University of Mysore, Dr. Venkatesh P., Editor, *Cosmopolitanism in Contemporary Fiction*.

Books with ISBN numbers with details of publishers

- Dr. S. N. Hegde, *Karnataka Prani Sampattu*, Prasaranga, KSOU, 2011
 - Dr. S. N. Hegde, *Darvinnana neralu – Alfred Russel Wallace*, Maharshi Prakashana, Mysore 2013
 - Dr. S. N. Hegde, *Raja Ramanna, Hemantha Sahitya*, Bangalore 2013
 - Dr. S. N. Hegde, *Vijnanada Diggajaru*, Bhagirathi Prakashana, Mysore, 2013
 - Dr. S. N. Hegde, *Manthana*, Bhagirathi Prakashana, Mysore 2013
 - Dr. C. Sumangala, *Stress Management*, Scholar Press, ISBN:978-3-639-70009-1, 2013.
 - Dr. T. K. Kempegowda, Dr. C. P. K. *Sahitya Sameekshe*, Kanva Prakashana, Bangalore, ISBN: 978-81-909288-85, 2010
 - Dr. T. K. Kempegowda, *Dr. C. P. K. Vyakti Parichaya*, Karnataka Janapada Parishath, Bangalore, 2010
 - Dr. T. K. Kempegowda, *Kannada Kavyagalalli Prakruti chitrana hagu Kuvempu*, C.V.G. Publications, Bangalore, 2012
 - Dr. T. K. Kempegowda, *Kuvempu Parishrama*, Shashi Prakashan, Jalamangala, 2013
 - Dr. T. K. Kempegowda, *Aa Mukha E Mukha*, Kanva Prakashana, Bangalore, ISBN-978-93-810 65-46-4, 2013
 - Dr. Shaukath Ara Khanum and Ayisha Firdouse, *Principles of Biochemistry*, KSOU, 2011
 - Dr. Shaukath Ara Khanum, *Text book of organic chemistry*, KSOU, 2013
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Will be available at the time of peer team visit

Citation Index – range / average Will be made available at the time of peer team visit

SNIP

SJR

Impact factor – range / average Will be made available at the time of

peer team visit

h-index:

Sl. No.	Faculty	h-index
1	Dr. R. Ganesha	02
2	Prof. S. N. Hegde	13
Bio-chemistry		
3	Dr. A.C.Sharada	11
4	Dr. J. Rajesha	06
5	Dr. Ayisha Firdouse	02
Bio-technology		
6	Dr. Chandavar Vidya R	03
Botany		
7	Dr. M. K. Mahesh	04
Chemistry		
8	Dr. K. Ajay Kumar	08
9	Dr. B. M. Venkatesha	05
10	Dr. Shaukath Ara Khanum	13
11	Dr. B. S. Sudha	04
12	Dr. D. G. Bhadregowda	03
13	Dr. Bi Bi Ahmadi Khatoon	04
14	Dr. Devaraju	02
Geology		
15	Dr. M. R. Janardhaa	03
Mathematics		
16	Dr. S. Latha	04
17	Dr. K.Shivashankara	04
Microbiology		
18	Dr. S. Mahadevamurthy	03
Molecular Biology		
19	Dr. N. S. Devaki	04
Physics		
20	Dr. H. C. Devarajegowda	04
21	Dr. Swarnamala Sirsi	04
Sericulture		
22	Dr. H. B. Mahesha	04
23	Dr. Rohith L Shankar	02
Zoology		
24	Dr. J. S. Ahadevi	02

3.4.4 Indicate the average number of successful M.Phil. and Ph.D. scholars guided per faculty.

Sl. No.	Faculty	No. of Ph.D. Scholars		M.Phil
		Submitted	Awarded	
1	Prof. H. Nanjegowda	03	18	08
2	Dr. R. Ganesha	-	-	01
3	Prof. S. N. Hegde	01	16	01

Bio-chemistry				
4	Dr. A.C.Sharada	02	02	
Botany				
5	Dr. M. K. Mahesh	01	02	
Chemistry				
8	Dr. K. Ajay Kumar	-	01	09
9	Dr. B. M. Venkatesha	-	01	04
10	Dr. K. B. Umesha	01	01	02
11	Dr. Shaukath Ara Khanum	-	03	08
12	Dr. D. G. Bhadregowda	02	-	
English				
13	Dr. K. Yeshoda Nanjappa	-	03	
14	Dr. P. Venkatesh	-	01	
Environmental Science				
15	Dr. S. Suresha	01	03	
Geology				
16	Dr. M. R. Janardhana	-	03	
Hindi				
17	Dr. D. R. Jayaprakash	-	02	
Management Science				
26	Dr. C. Sumangala	-	02	
Mathematics				
27	Dr. S. Latha	01	10	01
28	Dr. L. Pushpalatha	-	04	
29	Dr. M. Ruby Salestina	-	01	
Microbiology				
31	Dr. S. Mahadevamurthy	-	04	11
Molecular Biology				
32	Dr. N. S. Devaki	-	02	
Physics				
33	Dr. H. C. Devarajegowda	-	02	09
34	Dr. H. Somashekarappa	-	02	-
35	Dr. Swarnamala Sirsi	-	03	-
Sanskrit				
36	Dr. Y. C. Nanjundaiah	-	04	
Sericulture				
37	Dr. H. B. Mahesha	-	02	04

3.4.5 What is the stated policy of the College to check malpractices and misconduct in research?

At the time of enrollment, the research scholars are given clear instructions to do independent research. The guides carefully go through the research proposals and ensure objectivity to avoid malpractice and misconduct. Before registration the research scholars have to submit the research proposal to the doctoral committee and the committee conducts the colloquium. According to the terms and conditions of the University of Mysore the progress of the research is monitored by the doctoral committee. The scholars have to submit their progress report to the University of Mysore annually through the guide. Before the submission of the thesis the scholar has to present the synopsis in the doctoral committee colloquium. The scholars are not allowed to submit their theses if there is any malpractice or misconduct. Plagiarism check for Doctoral thesis is done by uploading to Shodhaganga site.

3.4.6 Does the College promote interdisciplinary research? If yes, how many inter departmental / inter disciplinary research projects have been undertaken and mention the number of departments involved in such an endeavour.

Yes. The college promotes inter-disciplinary research among faculty members of different departments of the college and in collaboration with academicians of Universities and research institutes. Departments of Chemistry, Physics have undertaken collaborative research work and published inter-disciplinary research articles.

3.4.7 Mention the research awards instituted by the College.

No.

3.4.8 Provide details of

- **Research awards received by the faculty**
- **Recognition received by the faculty from reputed professional bodies and agencies**

Research awards received by the faculty:-

Sl. No.	Name	Award
1	Dr. S. N. Hegde	Best writer award of Karnataka Science and Technology (2011)
2	Dr. S. Latha	ARP by Vision Group of Science & Technology (2011-12)
3	Dr. H. Devarajegowda	ARP by Vision Group of Science & Technology (2011-12)

Recognition received by the faculty from reputed professional bodies and agencies

Professional Recognition

Prof. H. Nanjgowda

- Nominated as a member of Doctoral Committee, S. V. University, Tirupathi, Andhra Pradesh, Gauhati University, Assam
- International Travel Grant to participate in the 23rd International Education and Training Expo-2014. Jakarta. Indonesia

Dr. A. C. Sharada

- Featured in Marquis Who's who Biographics
- The paper entitled "Study on Prevalence and patterns of dyslipidemia among Kodavas" published in the journal of Medical Science and Clinical Research, 2(6), PP 1416-1427 created awareness among the public especially Kodavas and letter of appreciation was depicted in the local newspaper
- Awarded (Doctoral student) Young Neurochemist award for the paper presented at Neurocon International Conference held at Calcutta,

Dr. Chandavar Vidya R

- Member of Indian Society of Life Sciences, The Bioscan, The Indian Science Congress, Electron Microscopy society of India
- Creative artist in portraits, Landscapes and Still life in oil and acrylic

Smt. K. A. Sharvani

- Resource person for plant identification, Life Science Departments of Post Graduate courses, Manasagangothri, Mysore, Maharani's Science College for women, Mysore, JSS Arts, Science and Commerce College, Mysore, Sharada Vilas College, Mysore
- Member of Green audit committee of Mahajana's Post Graduate Centre, Mysore, First Grade College, Mysore
- Co-ordinator, People Biodiversity Register (PBR)

Dr. K. Ajay Kumar

- Convenor for Remedial course 2013-14

Dr. B. M. Venkatesh

- International Travel grant to present paper in 2nd International Solvothermal and Hydrothermal Association Conference ISHA 2010, Beijing, China
- Member of Indian Science Congress, Indian Council of Chemistry, Karnataka Vijnana Parishath

Dr. K. B. Umesha

- Deputed as Deputy Registrar (SC&ST Cell), University of Mysore, Mysore

Dr. Shaukath Ara Khanum

- Member of Indian Association of Chemistry Teachers, Indian Society of Analytical Scientists, Indian Council of Chemists

Dr. B.S.Sudha

- Member of Indian Chemical Society, American Chemical Society, Indian Science Congress

Dr. Bi Bi Ahmadi Khatoon

- Member of Indian Association of Chemistry Teachers, Society for Polymer Science, Indian Society of Analytical Science

Dr. M. N. Kumar

- Deputed as Deputy Registrar (General) University of Mysore, Mysore
- Member of Indian Council of Chemists, Indian Science Congress

Dr. S. Suresha

- International Travel grant (University of Mysore) to present paper in ISHA 2010, Chinese Academy of Sciences, Beijing, China
- International Travel grant (DST) to present paper in IUMRS – ICA 2011, Taipei, Taiwan
- Nominated as Chief Superintendent for Out-reach examinations, University of Mysore (2012-13) to Kumaramangalam, New Delhi
- Member of Indian Society for Analytical Scientist, Environmental Biologist, International Society for Solvothermal and Hydrothermal Association

Dr. T. Raghunath

- Member of the Mineralogical society of India, Mineralogical society of India

Dr. M. Rudraiah

- Deputed as Dean, Student Welfare, University of Mysore

Dr. M. R. Janardhana

- Member of the Geological Society of India, Mineralogical Society of India, Indian Society of Applied Geochemists

Dr. T. K. Kempegowda

- Member, Kannada Sahitya Parishath, Bangalore, Kuvempu Vidyavardhaka Trust, Mysore, Negila Yogi Samaja Seva Trust

Dr. K. Sowbhagyavathi

- Nominated as member of Karnataka Janapada Academic Council

Dr. S. Latha

- Nominated as a member of Doctoral Committee, University of Kebango, Malaysia; University of Pune, Pune; Vellur Institute of Technology, Vellur; University of Madras, Chennai; Veer Bahadur Singh Purvanchal University, Jaunpur, Uttar Pradesh
- Travel grant to participate in the International Congress of Mathematicians 2010

Dr. S. Mahadeva Murthy

- Nominated as Chief Superintendent for Out-reach Examinations, University of Mysore (2010-11)
- Member of Association of Microbiologists of India, South zone

Dr. N. S. Devaki

- Life Member of Mycological Society of India, Association of Microbiologists of India and Indian Science Congress
- Selected as a member of the team of University of Mysore to prepare subject encyclopedia of Botany in Kannada Language during 2014
- Selected as DST mentor for Inspire programme during 2011
- Selected as president of Association of Microbiologist of India, Mysore Chapter during the year 2014

Dr. H. C. Devaraje Gowda

- Selected summer Research fellowship jointly organized by IAS, Bangalore, Indian National Science Academy, New Delhi, National Academy of Sciences, Allahabad
- International Travel grant to participate in the 13th BCA/CCG Intensive Teaching School on X-Ray Structure Analysis held at Durham University, UK (2011)
- International Travel grant to present paper in American Crystallographic Association at Honolulu, Hawaii, USA (2013)
- Member of Indian Liquid Crystal Society, Indian Crystallographic Association

Dr. Swarnamala Sirsi

- Judge for Science lecture competition in Kannada, Karnataka Rajya Vijnana Parishath 17-02-2012
- Resource person for course on Gender issues in India for a course conducted by University of Guelph, Ontario, Canada 26, 27 January, 2012
- Secretary, Women's Harrasment Enquiry Committee, University of Mysore

Sri D. K. Srinivas

- Nominated as member of Inter University National Cultural Board by the Association of Indian Universities, New Delh (2010-12)
- Nominated as a member of Academic Council, University of Myore (2008-12)

Dr. Y. C. Nanjundaiah

- Honoured as a Sanskrit Scholar, 75th Avatara Mahotsav by Sri Jayendra Saraswathi Swamiji, Platinum Jubilee Charitable Trust, Sri Kanchi Kamakoti Peetam (2011)

Dr. Rohit L Shankar

- Member, Doctoral Committee, Karnatak University, Dharwar
- Commissioned as Flying Officer during 2010 4 Kar Air Sqn NCC (Senior Division, Mysore).

Sri Satish Bhat Shankar

- Appointed as Sakala Nodal Officer, University of Mysore
- Appointed as Coordinator Statistical Cell, University of Mysore

Dr. Jayaramu

- Deputed as Estate Officer, University of Mysore, Mysore

3.4.9 State the incentives given to faculty for receiving state, national and international recognitions for research contributions.

The College acknowledges such contribution on the website, press and facilitates them in college functions.

3.5 Consultancy

3.5.1 What is the stated policy of the College for structured consultancy? List a few important consultancy services undertaken by the College.

The College always favors consultancy services but the college pursues the policy of encouraging faculty members to provide consultancy in such a manner that it does not affect their academic work. The faculty members of the college are providing consultancy on honorary basis on aspects such as;

- Curriculum design and development
- Setting up laboratories
- Research and development
- Academic event management

3.5.2 Does the College have College-industry cell? If yes, what is its scope and range of activities?

The University Industry interaction centre of University of Mysore is intended to take the research output to the Industrial sector and there by bridge the gap between the societal requirement and achievement of the University research. The cell has also interactions with confederation of Indian industries to assess the community needs. Industries are interested in providing help and guidance to students/research scholars/faculty in the fields related to the latest equipment and methods. They are even keen on giving placement to students. The college also has Career Development and Placement cell. The placement cell maintains a constant interaction with recruiting agencies and based on the feedback received, recommends activities for improvement. The services of the members of the placement cell are sought in preparing students for recruitment drives through intensive group discussions, sessions on soft skills and personal grooming. The programmes and activities of the placement cell bring the needed exposure to corporate readiness and job orientation.

3.5.3 What is the mode of publicizing the expertise of the College for consultancy services? Mention the departments from whom consultancy was sought.

There are no standard policies laid down, but the college takes no objection to individual faculty engaging themselves in various organizations to provide consultancy services. Eminent faculties make their presence known by participation in national and international programmes. Expertise of the college is publicized through college website. Departments of Biochemistry, Sericulture, Chemistry, Physics, Botany, Molecular Biology, Mathematics etc., participate in consultancy.

3.5.4 How does the College encourage the faculty to utilise the expertise for consultancy services?

Individual faculty members are promoted to join various organizations according to their expertise in their subjects to be part of development by delivering lectures, giving advice to organizations in need.

3.5.5 List the broad areas of consultancy services provided by the College and the revenue generated during the last four years.

Faculty members of the college are involved as members in Board of Studies of various universities and institutions. They offer consultancy services in curriculum design and development, setting up laboratories, green audit research and development and academic event management. The consultancy is provided by the faculty only on the gratuitous basis and no revenue is generated from the same.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the College sensitize the faculty and students on Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience.

The following efforts are made to sensitize the faculty and students on matters of Institutional and social responsibilities

- Information related to students support measures, inter and intra college competitions, campus cleaning, ban of plastics, ban on using cell phone in the campus etc are given
- Through the study foundation courses like Indian Constitution, Environmental studies, and personality development programmes the students are sensitized about various social issues, moral values and their responsibilities
- The NSS unit, the Career Development and Placement cell of the college contribute enormously to the Institutional social responsibilities. Annual camps are conducted in villages to expose students to the conditions of rural areas. Students take up manual work like repair of roads, cleaning the drains and cleaning parthenium. Awareness programmes on AIDS prevention, hazards

- of plastic waste, documentaries on social issues are addressed
- Blood grouping, blood donation, eye donations, health camps are conducted
- Tree plantation and disposal of waste material are in practice
- Competitions on topics like wealth from waste, essay writing, slogan writing are also arranged to galvanize student movement for social issues and responsibilities
- The college has the Women empowerment cell dedicated to issues related to women among students, faculty and office staff.

3.6.2 How does the College promote College-neighborhood network and student engagement, contributing to holistic development of students and sustained community development?

The college is an equal opportunity institution established to provide knowledge and quality education to all sections of society. The major strength of the college is its ability to ensure holistic development of students to make them enlightened citizens. It aims to maintain modern outlook with awareness of contemporary developments without compromising moral values and to provide knowledge and quality based education to the students by inculcating moral values and scientific temper. It also aims to pursue excellence towards creating manpower with high degree of intellectual, professional and cultural development to meet the national and global challenges. The college is conscious of its role in campus-community connection, well-being of its neighbourhood and has initiated the following developmental activities.

- Organizing regular blood and eye donation camps
- Organizing NSS camps in selected villages to create a health rapport between the college and community
- Engaging in community development initiatives in association with Ashakirana, Eye bank and Research Centre, Vivekananda Girijana Kalyana Kendra, Sri Ramakrishna Ashrama, Rehabilitation Centre etc.
- College facilities are made available for the use of neighbouring institutions
- Most of the departments have included extension activities in various fields which gives wider space to the students to learn.

3.6.3 How does the College promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

The College makes the following provisions to promote the participation of faculty members and students in extension activities.

- As an effort to stimulate social consciousness among students, the college encourages student participation in NSS, NCC and other social works. The college boasts of a full fledged NCC Wing (Army, Navy and Airforce) The Vibrant cadets of the college have

made impact in state and national levels and also have won prizes. The cadets have participated in many camps such as Combined Annual Training Camp (CATC) ship attachment camps, Ocean sailing, National integration camps (NIC) etc. The cadets have also participated in Republic Day camp, Nau Sainik camp some of our cadets have also participated in Youth Exchange Programme (YEP). Further, the College has an additional army unit which is a direct unit under Army Artillery Unit, Mysore.

- Faculty members and students involved in extension activities are recommended for awards based on the norms stipulated by University/State Government
- Prizes and awards are given to students for their outstanding achievements
- The college is flexible regarding attendance for those who participate in NSS, NCC and social work camps
Details of NSS, NCC camps Appendix – XII

3.6.4 Give details on social surveys, research or extension work (if any) undertaken by the College to ensure social justice and empower the under-privileged and most vulnerable sections of society?

Concentrated effort to uplift the underprivileged and marginalized sections of the society is our primary focus as a higher education institution. The social survey and extension activities undertaken for the social transformation include visit to hospitals, villages, NGO's centres, prison etc, AIDS awareness programmes campaign for clean environment, awareness programmes for road safety, awareness campaign for eye donation etc. Special camps are also conducted in the neighbouring areas regarding social concern activities. A majority of the departments have included extension activities in various fields to cater to the needs of social responsibility. It gives wider space to the students to learn from the field.

3.6.5 Give details of awards / recognition received by the College for extension activities / community development work.

Nil

3.6.6 Reflecting on objectives and expected outcomes of the extension activities organized by the College, comment on how they complement students' academic learning experience and specify the values and skills inculcated?

The college has made conscious effort to promote social justice as a value in the learning process and administrative interactions. The college sincerely tries to practice State Social Affirmative schemes introduced by the Government for the upliftment of higher education to include under-privileged communities. The college facilitates the students to be part of any one of the extra-curricular activities. There is an intense enthusiasm and interest among the students to serve the

community. Providing ample opportunities by way of a Forum to spur and channelize their energy into constructive, socially useful and nation building activities, is an absolute necessity. Their participation in various extension programmes bring positive changes in their attitude. The youth who spend their time, talent and energy in voluntary social work will experience the feeling of being useful to the community and will have the satisfaction of having contributed their share to the society. Further, they will have an opportunity to fulfil their social responsibility as young citizens. In being exposed to the problems of the less fortunate in the society and in endeavouring to solve their problems, the students will experience the realities of life. This rich experience will help in inculcating values such as empathy, gender sensitivity, social justice, patriotism and abilities such as communication skills, self-confidence, inter-personal relationship, team spirit etc, thereby enhancing the quality of life.

3.6.7 How does the College ensure the involvement of the community in its outreach activities and contribute to the community development? Detail the initiatives of the College which have encouraged community participation in its activities.

The college ensures involvement of the community in all its outreach activities. The NSS unit organizes various camps like general health check up camps and community development work with the consent and consultation of the community members. The community members help the students by providing accommodation in the community hall while organizing the camps. They are also involved in the community developmental activities like cleaning the area, tree plantations, awareness activities like environmental pollution etc. Community participation is also ensured through collaborative activities of the college with NGOs working in and around Mysore.

3.6.8 Does the College have a mechanism to track the students' involvement in various social movements / activities which promote citizenship roles?

The college maintains records of student involvement in NSS and other social work activities and encourages them to develop leadership qualities and imbibe moral values to make them responsible citizens.

3.6.9 Give details on the constructive relationships (if any) with other institutions in the nearby locality in working on various outreach and extension activities.

The constructive relationship with various institutions and organizations are as follows:

- Children from various schools are encouraged to visit the laboratories museums and departments of the college to nurture and create interest in basic sciences.
- The College is made available for Karnataka State Government

Examinations like KPSC, KAS, Police recruitment, Railway recruitment, Bank recruitment etc.

- Camps organized by Health Care organizations such as BGC Appolo, Eye bank and research centre, Vikram Hospital etc.
- Awareness programmes by Government organizations such as state AIDS control society
- Banking sectors like State Bank of Mysore, Canara Bank
- NGO's like Asha Kirana, Mysore, Swamy Vivekananda Youth Movement, Saragur, Vivekananda Girija Kalyana Kendra, Mysore, Sri Ramakrishna Ashrama, Mysore, Rehabilitation Centres etc.

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

Nil

3.7 Collaboration

3.7.1 How has the College's collaboration with other agencies impacted the visibility, identity and diversity of activities on the campus? To what extent has the College benefitted academically and financially because of collaborations?

The College takes constructive efforts for collaboration with various agencies for academic, extension, research, placement activities and resource mobilization. Majority of the departments have collaboration with various agencies for extensive learning and research.

Collaboration with the institutions by the departments

Sl. No.	Department	Collaboration
1	Biochemistry	Department of Pathology, JSS Medical College, Mysore Department of Biotechnology, Jayachamarajendra College of Engineering, Mysore
2	Biotechnology	Indian Institute of Science, Education and Research, Pune; Agarkar Institute of Technology, Pune; Bannariamman Institute of Technology, Satyamangala, Tamilnadu; CSI Holdsworth Memorial Hospital, Mysore; Centre for Information Science and Technology, Mysore
3	Botany	CSRTI; GKVK; ASI; Pollution Control Board, Mysore; Botanical Survey of India, Coimbatore, Pune, Calcutta
4	Chemistry	Pharmaceutical Centres like Anthem, Biocon, Apotex, NESSON, Mysore; CIPET,

		Mysore; DFRL, Mysore; Bozok University, Department of Physics, Yozgat, Turkey
5	English	Literary Criterion Centre, Dhvanyaloka, Mysore; Central Institute of English and Foreign Language, Hyderabad; Central Institute of Indian Languages, Mysore; ASMITA Resource Centre for Women, Hyderabad
6	Environmental Science	Sri Chamarajendra Zoological garden, Mysore; Bird Sanctuary, Srirangapatna; Sewage Water Treatment, Mysore; National Mineralogical Development Corporation, Bellary
7	Food Science	CFTRI, Mysore; Milk Processing Unit, Gajjalagere, Mandya District; Organic Agriculture Research Unit, Magenahalli, Mysore District; Vikram Hospital Dietary Unit, DFRL, Mysore;
8	Geology	Iron and Manganese ore mines, Subbarayan Hallu Bolck, Bellary District; Mysore Minerals Ltd., Govt. of Karnataka
9	Hindi	Central Institute of Indian Languages, Mysore
10	Mathematics	Department of Mathematical Sciences, Kent State University, USA; School of Advanced Sciences; VIT University, Vellore, Tamilnadu; School of Mathematical Sciences, University Kebangsaan, Malaysia;
11	Microbiology	Water treatment Plant, Waste water management plant, Mysore.
12	Molecular Biology	Department of Studies in Biochemistry, Manasagangotri, Mysore, CFTRI, Mysore; IISC, Bangalore; DFRL, Mysore; CSR&TI, Mysore; NCBS, Bangalore.
13	Physics	University of Connecticut, USA; University of Nottingham, UK; IISC, Bangalore; CSRTI, Mysore; JNCASR, Bangalore; Indian Institute of Astrophysics,

		Bangalore
14	Sericulture	CSRTI, Central Sericultural Research and Training Institute, Mysore; Central Silk Board, Bangalore; Sericulture College, Chinthamani
15	Zoology	AIISH, Mysore

Collaboration with various institutions helps the Departments to organize seminars, training programmes, internships, Placement and various extension activities. The college has been recognized by UGC as a College with Potential for Excellence based on teaching, research and extension activities.

3.7.2 Mention specific examples of, how these linkages promote

- **Curriculum development**
- **Internship, On-the-job training**
- **Faculty exchange and development**
- **Research, Publication**
- **Consultancy, Extension**
- **Student placement**
- **Any other, please specify**

Curriculum Development: Linkages with Universities, AIISH, CFTRI, CSRTI and industrial organizations like Karnataka Renewable Energy Development Ltd, Biocon, Anthem, Aptex, NESSO enable the college to frame and update the curriculum to the requirement of current needs of the society.

Internship, On-the-job training: Linkages with industries like Biocon, L & T, JK tyres etc., enable internship programme besides providing platform for on-the-job training. The interaction with various institutions helps the students to fetch positions in prestigious organizations.

Faculty exchange and development: Research, Publication: More than 600 research articles have been published in national and international peer reviewed journals.

Consultancy, Extension: Collaboration with Human Service Organizations help the college in organizing meaningful extension activities in areas of women empowerment de-addiction, consumer rights, tribal welfare etc.

Student Placement: The Career Development and Placement cell has regular contact with the Multi-national companies and various industries for the placement of students. As a result TCS, Infosys etc., came forward to train the students in the campus according to their requirement and provide placement.

- Linkage with AIISH, Karnataka Renewable Energy Development Ltd., helped in organizing Science Model exhibition.

- Linkage with sports associations and cultural forums helps to organize and participate in inter collegiate competitions

3.7.3 Does the College have MoUs nationally / internationally and with institutions of national importance/other universities/ industries/corporate houses etc.? If yes, explain how the MoUs have contributed in enhancing the quality and output of teaching-learning, research and development activities of the College?

The College has maintained over several years, a good academic relationship with academic centres of National/International repute such as CFTRI, DFRL, Mysore and IASC in Bangalore for mutual cooperation in achieving excellence in the field of higher education. The students of our college are encouraged to interact and avail the benefit of the expertise available in these centres by way of doing project work in the field of their interest.

Distinguished academicians from these centres are often invited to deliver “Invited lectures”, in the college for the benefit of students and teachers of the college in the field of Teaching-Learning, Research and Development activities in the college.

3.7.4 Have the College industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

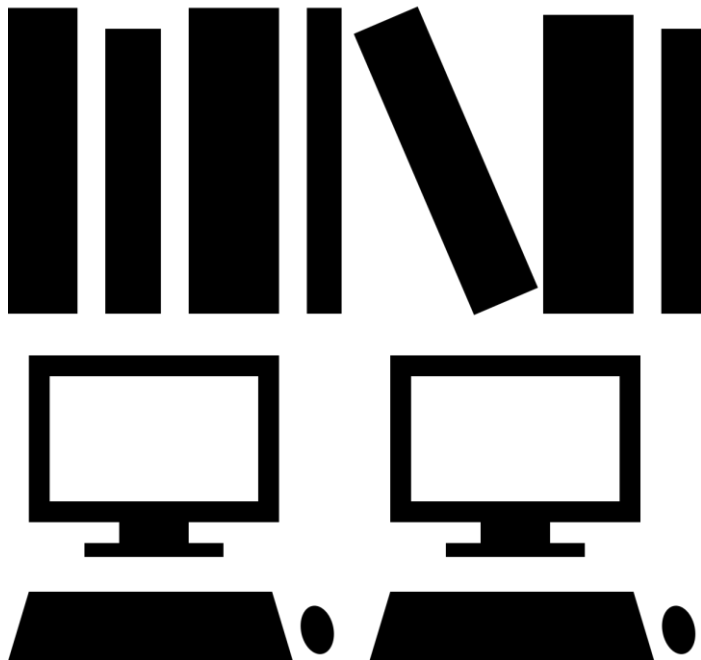
The college is situated in a good geographical location, Mysore surrounded by a cluster of industries in the field of information science such as Infosys, Software Paradigms, Electronics such as L & T, Chemical industry such as CIPET etc., and has therefore good opportunities for mutual interaction. Aiming at achieving excellence in designing the curriculum of the courses offered to suit for opening up of employment opportunities for our students in these industries. The graduates of our college are helped through the placement cell of the college in seeking jobs in these industries.

Any additional information regarding Research, Consultancy and Extension, which the institution would like to include.

- *Organized a 2 day UGC sponsored National Seminar on “Mission and Vision of Swami Vivekananda”, On 18th and 19th August 2014 in connection with 150th year of Swami Vivekananda Birth Anniversary.*
- *Organized a 2-day UGC sponsored National Seminar on “Statistical Methods and Data Analysis” on 26th and 27th September 2014 to commemorate 90 years of teaching Statistics. The proceedings were compiled and published (ISBN Number 81-7877-093-8)*
- *The college adopted Nagarhalli Village in Mysore Taluk of Mysore District which is 12 Km away. The following are the programmes envisaged:*
 - 1. Creating environmental awareness*
 - 2. Giving IT exposure*

3. *Awareness on food adulteration.*
4. *Training in good agricultural practices*
5. *Providing computers, tables, chairs, text books, charts, cabinets to the government higher primary school of the village.*

Criterion IV
Infrastructure and
Learning Resources



CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 How does the College plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

Creation and enhancement of infrastructural facilities for improving the teaching-learning process and extending maximum possible educational amenities to its growing strength of learners is the primary objective of the college. The college envisages continuous planning for making available physical infrastructure to ensure smooth and effective functioning. The important infrastructural facilities and their optimal utilization are summarized below;

- The college campus is spread over an area of 418682 sq. ft. land. It has a newly constructed applied science building, 23 departments, science laboratories, a language laboratory, central library with internet facilities, departmental libraries, computer lab, health centre, sports ground, cooperative society, canteen, hostels, a gymnasium.
- There are 23 class rooms, 32 laboratories, 01 auditorium, 01 gym, 07 class rooms with ICT facility and 03 museums.
- Other facilities such as office room, girls rest room, staff rooms are available.
- Furniture and other equipment are provided adequately to cater to the growing needs.
- Laboratories are well equipped with sophisticated equipment.
- Lush green garden in the premises.

Sl. No.	Particulars	Numbers	Total Area Sq. ft.
1.	Classrooms	23	15388
2.	Laboratories	32	32063
3.	Library	General	261
4.	Hostels (Men & Women separately) Women's Hostel: Built up area		5767
	Land Area		15959
	Boys Hostel: Built up Area		8629
	Land Area		27754
5	Others Administrative block, Principals chamber, staff room		20368
6	Total covered area		82476
7	Total land area owned by the college in its name		418682

4.1.2 Does the College have a policy for creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

Over the past one decade, the college has year after year enhanced both the physical infrastructure and the digital and computer infrastructure.

- Construction of applied science block
- Construction of ladies hostel
- Provision of generator and UPS
- Revamping laboratories with modern equipment
- Updating College automation and networking to facilitate retrieval and usage of administrative and academic data.
- Installation of 1 Gbps connectivity to enhance access to e-learning resources at the departments
- Spacious parking lots for two and four wheelers
- Providing water facility (Reverse Osmosis Process)

4.1.3 Does the College provide all departments with facilities like office room, common room, separate rest rooms for women students and staff?

Yes. Each department is provided with a staff room where all the official work of the department is carried on. Each department is equipped with computer facility which has access to the digital library, internet. Majority of departments have departmental libraries. There are separate rest rooms for both staff and students. CCTV's are installed to govern security and discipline.

4.1.4 How does the College ensure that the infrastructure facilities meet the requirements of students/staff with disabilities?

The college has been making efforts to make the campus easily accessible to persons with special needs. 'Drishti' is installed in the Central library for the use of Centre for Education of Visually Challenged. The students are given extra attention during the college internal assessment and end semester examinations. The needs of differently abled students are fulfilled by the supporting staff.

4.1.5 How does the College cater to the residential requirements of students? Mention

- **Capacity of the hostels and occupancy (to be given separately for men and women)**
- **Recreational facilities in hostel/s like gymnasium, yoga center, etc.**
- **Broadband connectivity / wi-fi facility in hostel/s**
Capacity of the hostels and occupancy (to be given separately for men and women)

Hostel type	Year	No. of Hostels	Occupancy
Men	2010-11	03	279
Women		02	32
Men	2011-12	07	299
Women		02	43
Men	2012-13	06	310
Women		02	70
Men	2013-14	04	325
Women		03	80

List of Hostels

Men	Women
Maharaja's College Hostel	Yuvaraja's Ladies Hostel
Yuvaraja's College Hostel	Maharaja's Ladies Hostel*
9 th Main Saraswathipuram Hostel	PG Ladies Hostel Block 1 & 2*
PG Mens Hostel*	
Village Hostel*	
Gowtham Hostel*	
Dr. B. R. Ambedkar Hostel*	

* Sharing with University of Mysore, Mysore

Recreational facilities in hostel/s like gymnasium, yoga center, etc:

To take care of the students in the hostel, there are wardens, house keepers, watchman, cooks and menial staff. Indoor games, gym etc., are available in hostel. Training in yoga is provided.

Broadband connectivity / Wi-fi facility in hostel/s:

Wi-fi facility in hostel is available

4.1.6 How does the College cope with the health related support services for its students, faculty and non-teaching staff on the campus and beyond?

The Health Centre in the campus is well-equipped and provides necessary medical aid to the employees and students of the college. There are two medical officers, two nurses, one pharmacist, one radiographer, one typist and adequate number of attendants in the centre. Ailments like respiratory infections, skin troubles, gastrointestinal disorders, asthma, hypertension, diabetes are treated. Most of the essential medicines are provided free of cost to the patients by the centre. Employees also have the facility of medical reimbursement. A X-Ray unit, a ECG unit and independent dispensing sections are the facilities available at the centre. Health screening camps for the detection and monitoring of the diseases, Asthma, Hypertension, Lipid disorders, Bone mineral density, Peripheral

neuropathy, Gout, Micro albuminuria, Thyroid disorders are held with the help of pharmaceutical companies. Awareness programmes are also conducted with regard to AIDS, Drug abuse, Tuberculosis, Cancer, Hepatitis, Leprosy, Dengue fever, Youth & Health, H₁ N₁, Stress Management, , Personal Hygiene/Community Hygiene, Water borne diseases etc.,

The college also takes up the following hygienic steps;

- Periodical cleaning of water tanks
- Pest control
- Water purifier
- Fitness equipment
- Periodical health check up
- In case of emergency, availability of medical services
- Medical leave

4.1.7 What special facilities are made available on the campus to promote interest in sports and cultural events?

The college provides appropriate facilities for promotion of sports and cultural events. They include;

- Multi-gym facility provided for students and staff UGC 11th plan Grant
- Category-1 Multipurpose Indoor Stadium is under construction (UGC 11th plan Grant and University financial assistance)
- Multi-gym hall is under construction (College grant and University financial assistance).

College Students and staff are using University Sports Central Facilities mentioned below;

Sl. No.	Sports facilities
1	400mts. Standard Cinder Track - 1
2	Standard size swimming Pool
3	Cricket Stadium <ul style="list-style-type: none">• Turf wicket stadium – 1• Cricket ground matting - 2
4	Multi Purpose Gymnasium hall (Badminton, Table Tennis, Gymnastics, Wrestling and Weight Lifting)
5	Multi gym (Installed at Hostels) - 5
6	Basketball Courts – 5
7	Football Field – 2
8	Kho-Kho Field – 3
9	Kabaddi Courts – 3
10	Ballbadminton Courts -2
11	Hockey Field - 2
12	Tennis Courts - 6
13	Volleyball Courts - 3
14	Handball Court - 1
15	Throwball Court – 1
16	Tennikoit Court - 1

- There are five auditoria:

- In the applied Science block
- Centenary Building in the campus
- In the Humanities block, Manasagangotri
- Bahadur Institute for Management Studies
- Senate Building

4.2 Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

The Library Advisory Committee headed by the Vice-chancellor consists of 13 members. It reviews the progress of the libraries from time to time and allocates funds to various departments/colleges for purchase of books, journals etc. University Graduate Library follows the guidelines of the University Library Advisory Committee along with the recommendations and suggestions of the principal of Yuvaraja's college.

4.2.2 Provide details of the following:

- **Total area of the library (in Sq. Mts.)**
- **Total seating capacity**
- **Working hours (on working days, on holidays, before examination days, during examination days, during vacation)**
- **Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)**
- **Access to the premises through prominent display of clearly laid out floor plan; adequate signage; fire alarm; access to differently abled users and mode of access to collection)**

Library resources play a central role in successful completion of studies. Yuvaraja's college is equipped with both physical and digital library. Students and staff are entitled to use the services and stock of all library resources. This library has been developed over the years. The college keeps updating the library resources based on their demand of students, staff and research community. There is dedicated staff for the management and distribution of books in the library. The website is the gateway to a rapidly increasing range of online databases, subject guides and other electronic services. Most of these are accessible both on and offline campus.

Sl. No.	Particulars	Details
1	<u>Total area of the library</u>	33,000 sq. ft.
2	<u>Total seating capacity</u>	500
3	<u>Working hours</u>	<ul style="list-style-type: none"> • On working days : 10.00 a.m. to 5.30 p.m • On holidays : During semester exams 10.00 to 5.30 p.m. • Before examination : 8.00a.m to

		<p>8.00p.m</p> <ul style="list-style-type: none"> • During examination days 8.00 a.m to 8.00 p.m. • During vacation : 10.00 a.m. to 5.30p.m.
4	<u>Layout of the library</u>	<ul style="list-style-type: none"> • Individual reading carrels – 30 Longue area for browsing and reading – 10,000 sq. ft. IT zone for accessing e-resources – 2000 sq. ft.
5	<u>Access to premises through prominent display of clearly laid out floor plan; adequate signage; fire alarm; access to differently abled users and mode of access to collection</u>	<ul style="list-style-type: none"> • The map of the campus displays the location of the library and the plan of the library is displayed at the entrance of the library. • Adequate sign boards are displayed in all the sections. Circulation of books, and internet node are available for differently – abled users at the ground level. • The library staff assist the differently - abled users in obtaining specific documents and other materials for reference using Assistive Technology.

4.2.3 Give details on the library holdings Total No.

- a) **Print (Books, back volumes and thesis)**
- b) **Non Print (Microfiche, AV)**
- c) **Electronic (e-books, e-Journals)**
- d) **Special collection**
(eg. Text book, Reference books, standards, patents)

Sl. No.	Particulars	Details
a)	<u>Print (Books, back volumes and thesis)</u>	2,00,000
b)	<u>Non-print</u>	CDs 250
c)	<u>Electronic (e-books, e-journals)</u>	N-List 6000 journals, 1,05,000 books
d)	<u>Special collection (e.g., Text book, Reference books, standards, patents)</u>	Kuvempu studies Ambedkar Studies Philosophy Literature (including English, Kannada, Hindi, Urdu, Sanskrit, Telugu, Tamil) Gandhian studies
	Reference books	4,500

4.2.4 What tools does the library deploy to provide access to the collection?

- **OPAC**
- **Electronic Resource Management package for e-journals**
- **Federated searching tools to search articles in multiple databases**
- **Library Website**
- **In-house/remote access to e-publications**

<u>OPAC (Online Public Access Catgalog)</u>	Available
<u>Electronic Resource management package for e-journals</u>	Available
<u>Federated searching tools to search articles in multiple databases</u>	Available
<u>Library website</u>	Available
<u>In-house/remote access to e-publications</u>	Available. User ID and password is given to the students, research scholars, faculty to have direct access.

4.2.5 To what extent is the ICT deployed in the library?

- **Library automation**
- **Total number of computers for public access**
- **Total numbers of printers for public access**
- **Internet band width speed** 2 mbps 10 mbps 1gb (GB)
- **Institutional Repository**
- **Content management system for e-learning**
- **Participation in Resource sharing networks/consortia (like Inflibnet)**

<u>Library automation</u>	Automation is still in progress (80% is complete)
<u>Total number of computers for public access</u>	60
<u>Total number of printers for public access</u>	01
<u>Internet band with speed</u>	10 Mbps
<u>Institutional Repository</u>	E-prints@ uom 11000 records
<u>Content management system for e-learning</u>	Not yet formalized
<u>Participation in Resource sharing networks/consortia (like Inflibnet)</u>	INFLIBNET (N-List) INFONET Journals

4.2.6 Provide details (per month) with regard to.

- **Average number of walk-ins**
- **Average number of books issued/returned**
- **Ratio of library books to students enrolled**
- **Average number of books added during last three years**
- **Average number of login to OPAC**
- **Average number of login to e-resources**
- **Average number of e-resources downloaded/printed**
- **Number of information literacy trainings organized**

<u>Average number of walk-ins</u>	500 per day
<u>Average number of books issued/returned</u>	Issue – 200, Returns – 180
<u>Ratio of library books to students enrolled</u>	1 : 20
<u>Average number of books added during last three years</u>	2100
<u>Average number of login to OPAC</u>	50 – 100
<u>Average number of e-resources downloaded/printed</u>	150
<u>Number of information literacy trainings organized</u>	4

4.2.7 Give details of the specialized services provided by the library

- **Manuscripts**
- **Reference**
- **Reprography**
- **ILL (Inter Library Loan Service)**
- **Information Deployment and Notification**
- **OPAC**
- **Internet Access**
- **Downloads**
- **Printouts**
- **Reading list/ Bibliography compilation**
- **In-house/remote access to e-resources**
- **User Orientation**
- **Assistance in searching Databases**
- **INFLIBNET/IUC facilities**

Manuscripts	Separate manuscripts collection of 38000 maintained at ORI.
Reference	Long range and short range reference service
Reprography	Reprographic facilities are made available at normal cost.
Inter Library Loan Service	Need based service extended

Information and Notification	The information related to placement, competitive exams, important current issues are displayed in the notice board of the library. New arrivals are also displayed
OPAC	Available
Internet Access	Free internet access is provided with 10 Mbps
Downloads	Available
Reading list/ Bibliography compilation	Provided
In-house/remote access to e-resources	Provided. Remote access.
User Orientation	Students at the entry level are given orientation about the rules and regulations through orientation programme. Special training is provided on the use of internet, INFLIBNET. Faculty are also provided orientation on the use of facilities.
Assistance in searching databases	Provided by Technical staff.
INFLIBNET/UGC-INFONET/N-list facilities	Available

4.2.8 Provide details on the annual library budget and the amount spent for purchasing new books and journals.

Sl. No.	Year	UGC & Government Fund
1	2010-11	Rs. 1,50,000=00
2	2011-12	Rs. 25,000=00
3	2012-13	Rs. 2,85,000=00
4	2013-14	Rs. 40,000=00

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services.

Library gets the feedback from its users and tries to implement their suggestions for the improvement of library services by interactive sessions with conduct sampling the technical staff.

4.2.10 List the infrastructural development of the library over the last four years.

10,000 Sq. ft. New building for reference section	Furniture
Career Resource Information Centre	Reading chairs
Dristi Project for visually challenged	Book Racks
Periodical section	Computers
Science section	Updated library software

4.2.11 Did the library organize workshop/s for students, teachers, non-teaching staff of the College to facilitate better Library usage?

Yes. The Library organizes Workshops, Orientation programmes for students and teachers of the college to facilitate better library usage. 12 Special lecture series and 16 Books exhibitons have been organized in the past four years.

4.3 IT Infrastructure

4.3.1 Does the College have a comprehensive IT policy addressing standards on IT Service Management, Information Security, Network Security, Risk Management and Software Asset Management?

Yes. The college has the policy of conforming to the standards of Information Technology. The college has provided faculty and students with latest hardware and software available relevant to higher education. The college has a well - managed Local Area Network (LAN) with OFC Connectivity, structured cabling and well - managed broadband with 1Gbps connectivity maintained by the Information and Communication Department, University of Mysore.

A very good Internet Manager Server has been put in place which ensures proper distribution and safe usage of internet throughout the campus. The college has provided office automation system in the Administrative section. The examination section has also been provided with confidential software and required printing and photocopying facilities with adequate power back up.

4.3.2 Give details of the College's computing facilities (hardware and software).

- **Number of systems with configuration**
- **Computer-student ratio**
- **Dedicated computing facility**
- **LAN facility**
- **Wifi facility**
- **Proprietary software/Open source softwares**

- **Number of nodes /Computers with internet facility**
- **Any other**

<u>Number of systems with configuration</u>	250
<u>Computer-student ratio</u>	1 : 8
<u>Dedicated computing facility</u>	
<u>LAN facility</u>	Maintained by the Information and Communication Department, University of Mysore, Mysore with LAN speed of 1 Gbps
	<ul style="list-style-type: none"> • 100 Mbps National Knowledge Network (NKN) Broadband line shearing with internet facility is available • Library has the same connectivity and students can access e-materials • Switches are installed in different locations of the college so that entire college can have full connectivity
<u>Wi-Fi Facility</u>	Yes
<u>Propriety software/ Open source softwares</u>	<ul style="list-style-type: none"> • Windows 7 as Operating system • MS Office 2007 • Visual Studio professional • SPSS • Oracle 8i • Tally 11.0 • Mathlab • Winedit • DS Gene (Discovery Studio Gene Trial) for gene data analysis • Gene tool (Trial): For both DNA and Protein related data analysis • Spectromanager: The Jasco V 650 Series spectrometer utilizes the Spectra Manager Spectroscopy Software and it is a program designed for Windows and is a complete suite offering data acquisition, analysis and presentation • Skanlt TM – Soft this is a software brought along with ELISA reader for all type data

	analysis which is read through ELISA instrument
	<p>Open source Software:</p> <ul style="list-style-type: none"> • Net beans • Ubuntu • Java • Eclipse <p>Turbo C/C++ SPDV: Swiss Protein Data Bank viewer: This is for Molecular structure analysis, viewing</p>
	<p>Accelrys Draw: Accelrys Draw enables scientists to draw and edit complex molecules, Chemical reactions and biological sequences with ease</p> <p>MEGA 6: Molecular Evolutionary Genetic Analysis 6: For studying phylogenetic relationship</p> <p>Phykuo: Free package program for Phylogenetic analysis</p> <p>Argus Lab: Argus Lab is a molecular modeling, graphics, and drug design program for windows operating systems. It's getting a little dated now, but remains surprisingly popular</p> <p>Autodock: For Docking studies</p> <p>SURFER software</p> <p>MapINFO software</p>
Number of nodes for internet facility	250
Any other	

4.3.2 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The following plans and strategies for deploying and upgrading the IT infrastructure and associated facilities:-

- Extending Wi-Fi connectivity to all the Departments and Examination Section situated in the Applied Science block
- Upgrading the College Website
- Upgrading the internet connectivity into Centralized Internal Digital Internet connectivity in the old and new building
- Extending the internet connectivity to the newly constructed classrooms/labs in the new building.
- Extending the Office Automation facility to other sections of the administrative office and Examination Section of the college

4.3.3 Give details on access to online teaching and learning resources and other knowledge, and information provided to the staff and students for quality teaching, learning and research.

Opportunity to access the e-journals and e-books offered by INFLIBNET Centre, Ahmedabad by subscribing for N-LIST program is provided to the Faculty, Research Scholars and Students.

The weblink is : <http://uni-mysore.ac.in/library/>

4.3.4 Give details on the ICT enabled classrooms/learning spaces available within the College and how they are utilized for enhancing the quality of teaching and learning.

At present, the following ICT facilities are available in the College:

- About 15 Classrooms are equipped with LCD Projectors
- There are 7 e-classrooms in the college
- The College has also Language Lab with CLARITY SNET to facilitate the communication skills for the Degree students. (20 Computers and one master computer with internet connectivity)

Apart from the above, the following computer systems are available in the College.

Sl. No.	Name of the Department	Desktop Computer	Laptops	Printers	Scanner s	Server
1.	Principal Chamber	1	1	1	-	1
2.	AO Office	1	1	1	-	-
3.	COE	4	1	4	1	-
4.	IQAC Chamber	1	1	1	1	-
5.	Office	9	-	6	1	-
6.	BBA	1	1	1	-	-
7.	Biochemistry	4	1	1	-	-
8.	Biotechnology	7	1	1	-	-
9.	Computer Science	78	1	3	1	1
10.	Chemistry	8	1	2	-	-
11.	English	1	-	1	-	-
12.	Electronics	11	-	1	-	-
13.	Environmental Science	1	-	1	-	-
14.	Examination Section	4	1	4	1	-
15.	Food Science	1	1	1	-	-
16.	Geology	21	1	4	-	-
17.	Hindi	1	-	1	-	-
18.	Kannada	2	-	1	-	-
19.	Mathematics	6	2	2	-	-
20.	Microbiology	5	1	3	-	-

21.	Molecular Biology	15	1	1	1	-
22.	Physics	1	-	1	-	-
23.	Sanskrit	1	-	-	-	-
24.	Sericulture	3	-	1	-	-
25.	Statistics	22	-	2	-	-
26.	Zoology	1	-	2	-	-

4.3.5 How are the faculty facilitated to prepare computer aided teaching-learning materials? What are the facilities available in the College or affiliating University for such initiatives?

Faculty members are facilitated to prepare computer aided teaching, learning material in the following ways:

- Conducting weekend classes to train all the faculty, to gain knowledge related to ICT teaching
- Initiatives are taken to prepare teaching, learning at different levels

4.3.6 How are the computers and their accessories maintained? (AMC, etc.)

- During the warranty period the computer and their accessories are maintained by the vendor.
- Routine maintenance is done by Computer Science department and Univeristy of Mysore has provided the technical assistance for maintenance of computers. In future, the college has decided to hire AMC for maintenance

4.3.7 Does the College avail of the National Knowledge Network connectivity directly or through the affiliating University? If so, what are the services availed of?

Yes. The college has availed the National Knowledge Network connectivity through University of Mysore.

4.3.8 Provide details on the provision made in the annual budget for update, deployment and maintenance of the computers in the College?

There is no separate annual budget allocation for update, deployment and maintenance of the computers in the college. The computers are purchased as and when required by the departments every year. The deployment maintenance is by AMC.

4.4 Maintenance of Campus Facilities

4.4.1 Does the College have an Estate Office / designated officer for overseeing maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

There is a separate engineering section which oversees the construction and maintenance of buildings and other infrastructure facilities. A qualified engineer is assigned the work relating to the upkeep of the civil structure in the college. Cleaning, garden maintenance, upkeep of building is outsourced and constantly services are monitored. There is a regular upkeep of electrical and electronic equipment. Campus specific initiatives taken up for improving the ambience of the premises are:

- Maintenance of well wooded park
- Periodic painting of the building

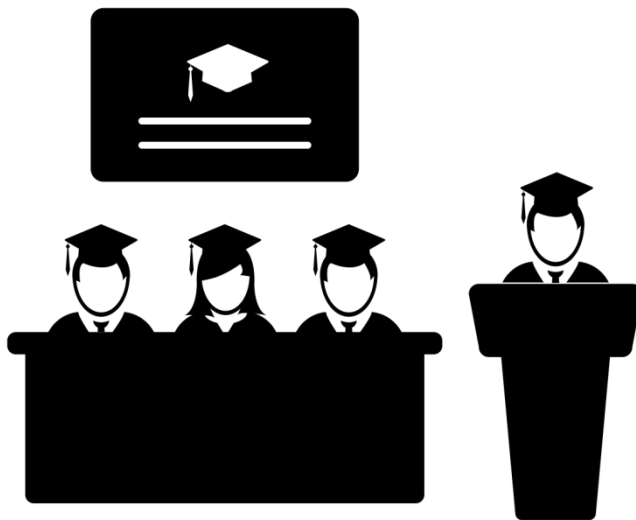
Safety and security of the assets are ensured with appropriate security measures.

4.4.2 Does the College appoint staff for maintenance and repair? If not, how are the infrastructure facilities, services and equipment maintained? Give details.

Though the engineering section is responsible for maintaining the physical infrastructure, water and electricity services, the University of Mysore appoints sweepers, watchmen, gardeners for the maintenance of college campus and the existing services. The University Horticulture department headed by an Assistant Superintendent maintains the garden and the campus. The college has appointed on adhoc basis a qualified technician for the maintenance/ repair of equipment and computers. Lab assistants are responsible for the maintenance of equipment and laboratory.

Any additional information regarding Infrastructure and Learning Resources, which the institution would like to include.

Criterion V
Student Support and
Progression



CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the College have an independent system for student support and mentoring? If yes, what are its structural and functional characteristics?

Yes, the college has an independent system for student support and mentoring which is instrumental in catering to the differential needs of students and in providing the support services required for their all-round development. The Principal, Administrative officer, along with the college council and office staff provide a reliable and independent system for student support and mentoring. The system comprises a network of committees and these committees function in co-ordination with faculty, college administration and students. These committees have been constituted to provide platforms for student performance. They are constituted for planning and executing academic, co-curricular and extra-curricular activities for the students. Jnanavahini, the cultural committee organizes various cultural programmes and competitions for students through the co-curricular activities conducted by the committee the curriculum is realized to its full extent. Every year the committee trains troupes to participate in the Yuva Dasara programme organized by the Government of Karnataka under the Chairmanship of the Deputy commissioner of the district. A group of students interested in theatre are identified and trained at Rangayana, a reputed theatre repertory.

The Disciplinary committee constantly monitors student discipline in the college. The Purchase committee discharges its duties by screening the process of purchase of all required items for the college and ensuring that they are in compliances in the purchase rule. The purchase of items costing high is made through e-tender and publishing in the District/State Bulletin to ensure transparency in the purchasing process. The NSS unit of the college under the leadership of the NSS officer organizes service activities, village camps, extension activities etc. Some of the programmes conducted by the NSS units are campus cleaning, blood donation camps, AIDS awareness programmes etc., The Science Forum organizes various programme like special lectures, science model exhibition, and competitions, quiz etc. Yuvachintana committee attempts to create awareness about patriots, cultural and literary personalities among students.

Structure of the Student Support System

List of Committees: **Appendix XIII**

5.1.2 What provisions exist for academic mentoring apart from classroom work?

Students gain practical exposure through field visits and academic tours. They participate in conferences, seminars and workshops

organized by the departments and at other places. Students are encouraged to carry out projects. In disciplines such as BBA, BCA, M.Sc. Chemistry and Molecular Biology projects are carried in their final semester. Some of the projects are in collaboration with other institutes of higher learning. The college extends all support in the collection of data and visits to the institutions for related activities. Academic guidance is always available to students participating in debates, quiz and other competitions. Aptitude for the civil services is recognized and the needed orientation is provided. The college central library has been specially equipped to cover this area to promote the all round development of the students.

5.1.3 Does the College provide personal enhancement and development schemes for students? If yes, describe techniques employed e.g., career counselling, soft skill development, etc.

The Convenor of the placement cell works in close collaboration with a committee of teachers who constitute the placement cell of the college. They organize regular counselling and competence enhancement classes and programmes for the students with the help of experts in the field. Students are given training in enhancing their language skills through the computerized language lab. Students in need of English language enhancement are identified in the first year of their graduate programme and are provided with language training. The aspects covered include English speaking, listening, reading, writing, grammar and accent training. Students are also given training in enhancing their analytical and critical thinking skills. Career Guidance programmes are also organized by the placement cell. The orientation programme is a lecture series that cover issues such as soft skills, communication skills, personality development, employment opportunities, health and hygiene, human rights etc. Experts are invited from time to time to conduct programmes, seminars, guest lectures on women empowerment.

In addition to the above, students are encouraged to participate in sports, cultural, literary, NCC, NSS and other extra curricular activities for their personal enhancement.

5.1.4 Does the College publish its updated prospectus and handbook annually? If yes, what are the activities / information included / provided to students through these documents? Is there a provision for online access?

Yes, the college publishes its updated prospectus annually. The following information is provided to the students.

- The mission of the college
- List of courses offered by the college
- Admission procedures, course-wise eligibility conditions, fee structure, rules for cancellation of admission, fee refund procedure
- Norms regarding minimum attendance

- Enforcement of discipline
- Zero tolerance for ragging
- Information about examination
- Facilities provided by the college
- Information about teaching and non-teaching staff
- Results at a glance

The prospectus is also available in the college website. Apart from the prospectus, the college website provides information about activities and achievements of the college, profiles of individual departments and their activities and examination results.

5.1.5 Specify the type and number of scholarships / freeships given to students (UG/PG/M.Phil/Ph. D./Diploma/others in tabular form) by the College Management during the last four years. Indicate whether the financial aid was available on time.

Year	2010-11	2011-12	2012-13	2013-14
Type of Scholarships	SC	SC	SC	SC
No. of Students	379	408	405	427
Total Sanctioned Amount	4089910-00	4001235-00	4233821-00	4402782-00
Distributed Amount	3967480-00	3970915-00	4175560-00	In Processing
Balance Amount	122430-00	30320-00	58261-00	--

Year	2010-11	2011-12	2012-13	2013-14
Type of Scholarships	ST	ST	ST	ST
No. of Students	91	94	95	94
Total Sanctioned Amount	778725-00	869865-00	951923-00	889302-00
Distributed Amount	754355-00	865720-00	947802-00	In Processing
Balance Amount	24370-00	4145-00	4121-00	--

Self Study Report (3rd Cycle)

Year	2010-11	2011-12	2012-13	2013-14
Type of Scholarships	OBC	OBC	OBC	OBC
No. of Students	159	--	33	96
Total Sanctioned Amount	58500-00	--	69300-00	211600-00
Distributed Amount	55200-00	--	69300-00	211600-00
Balance Amount	3300-00	--	NIL	NIL

Year	2010-11	2011-12	2012-13	2013-14
Type of Scholarships	PH	PH	PH	PH
No. of Students	06	03	03	02
Total Sanctioned Amount	6350-00	4750-00	5500-00	4501-00
Distributed Amount	6350-00	4750-00	5500-00	4501-00

Year	2010-11	2011-12	2012-13	2013-14
Type of Scholarships	Sports	Sports	Sports	Sports
No. of Students	02	02	02	05
Total Sanctioned Amount	2000-00	3000-00	5000-00	11000-00
Distributed Amount	2000-00	3000-00	5000-00	11000-00

Year	2010-11	2011-12	2012-13	2013-14
Type of Scholarships	Ex-Service	Ex-Service	Ex-Service	Ex-Service
No. of Students	03	02	--	--
Total Sanctioned Amount	2820-00	1480-00	--	--
Distributed Amount	2820-00	1480-00	--	--

Self Study Report (3rd Cycle)

Year	2010-11	2011-12	2012-13	2013-14
Type of Scholarships	Jindal	Jindal	Jindal	Jindal
No. of Students	01	01	01	--
Total Sanctioned Amount	3600-00	6000-00	3000-00	--
Distributed Amount	3600-00	6000-00	3000-00	--

Year	2010-11	2011-12	2012-13	2013-14
Type of Scholarships	Science Academy	Science Academy	Science Academy	Science Academy
No. of Students	10	09	10	14
Total Sanctioned Amount	50000-00	45000-00	75000-00	103000-00
Distributed Amount	50000-00	45000-00	75000-00	103000-00

Year	2010-11	2011-12	2012-13	2013-14
Type of Scholarships	Room Rent	Room Rent	Room Rent	Room Rent
No. of Students	--	06	--	04
Total Sanctioned Amount	--	6600-00	--	8529-00
Distributed Amount	--	6600-00	--	8529-00

Year	2010-11	2011-12	2012-13	2013-14
Type of Scholarships	Single Girl Child	Single Girl Child	Single Girl Child	Single Girl Child
No. of Students	01	--	--	--
Total Sanctioned Amount	20000-00	-	--	--
Distributed Amount	20000-00	-	--	--

Year	2010-11	2011-12	2012-13	2013-14
Type of Scholarships	Others	Others	Others	Others
No. of Students	36	23	20	31
Total Sanctioned Amount	89106-00	49700-00	78600-00	117500-00
Distributed Amount	89106-00	49700-00	78600-00	117500-00

Year	2010-11	2011-12	2012-13	2013-14
Type of Scholarships	Project	Project	Project	Project
No. of Students	04	37	57	34
Total Sanctioned Amount	2800-00	25900-00	57000-00	34000-00
Distributed Amount	2800-00	25900-00	57000-00	34000-00

Year	2010-11	2011-12	2012-13	2013-14
Type of Scholarships	Endowment	Endowment	Endowment	Endowment
No. of Students	01	--	--	--
Total Sanctioned Amount	3364-00	--	--	--
Distributed Amount	3364-00	--	--	--

5.1.6 What percentage of students receives financial assistance from state government, central government and other national agencies? (e.g., Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)

The college caters to the academic needs of the students belonging to the neighbourhood rural areas.

- a) KVPY, SN Bose fellow scholarships – Nil. However, Inspire scholarships are awarded to the students every year. Some of the beneficiaries of the scholarships are (i) Subramanya Hegde; (ii) Sanjay A; (iii) Akshay Mahabaleshwar Hegde; (iv) Gourav Nayak (2009-12 B.Sc. programme); (vi) Divya Lokare (2011-14 B.Sc. programme).
- b) There are 52.68% of students who belong to non-creamy layer of the society who are from economically weaker sections of the

society. The college provides financial assistance to these students, which is received from the Central Government, State Government. Nearly 53% students of the college get benefit from these scholarships.

5.1.7 Does the College have an International Student Cell to cater to the needs of foreign students? If so, what measures have been taken to attract foreign students?

The college has linkage with the International Centre, University of Mysore. The International centre is committed to provide appropriate support services to international students in matters such as eligibility assessment, admission, obtaining relevant visa and residential permit, student placements, establishing linkages with suitable institutions and helping freshers to connect with fellow citizens. The centre functions as a liaison between students, academic institutions, faculty, University offices, Diplomatic missions, Government Departments, Police and other law enforcing agencies.

International Hostel for International students and faculty is with 90 spacious independent rooms, equipped with space for study, internet connectivity, kitchenette, attached wash rooms and enclosed chests. The International Hostel also houses two computer labs and a spacious dining hall cum kitchen complex. Majority of the students avail ICCR fellowship by the Central Government.

5.1.8 What types of support services are available for

- **overseas students**
- **physically challenged / differently abled students**
- **SC/ST, OBC and economically weaker sections**
- **students to participate in various competitions/ conferences in India and abroad**
- **health centre, health insurance etc.**
- **skill development (spoken English, computer literacy, etc.)**
- **performance enhancement for slow learners / students who are at risk of failure and dropouts**
- **exposure of students to other institutions of higher learning/ corporates/business houses, etc.**
- **publication of student magazines**

Overseas Students:

Admission is given to them as per the university guide lines and security clearance. Overseas students get necessary support from their respective departments to avail all required amenities and services of college. The overseas students are monitored and provided all necessary help by the college. The International Centre, University of Mysore caters to the needs of foreign students.

Physically challenged / differently abled students:

There is reservation for students belonging to differently-abled

category as per UGC norms. Their requirements and needs are given a special care and attention. The library facility is provided to them in the ground floor and they are given extra attention during the internal assessment, end semester examinations. University of Mysore allocates funds to the Office of Directorate of Students Welfare towards scholarship to the differently-abled students. Hostel rooms are made available according to their needs.

SC/ST, OBC and economically weaker sections:

SC/ST, OBC and economically weaker sections are identified during the process of admission. The college maintains a detailed record and they are provided every possible help during their stay in the college. They can avail various scholarships of State and Central Government. UGC sponsored Remedial classes are arranged for these students in order to enable them to improve their studies. Soft skill development classes are also taken for these students by the English Department. Personality Development, Career counseling courses are conducted by the placement cell for empowerment of SC/ST, OBC and economically weaker sections.

The book bank facility in library is also available for SC/ST students. The special cell for SC/ST, University of Mysore also ensures that the reservation policy of the Government is implemented. The cell also organizes and monitors the working of the remedial coaching schemes. It also implements new developmental programmes for the benefit of SC/ST students.

Students to participate in various competitions/ conferences in India and abroad :

The college provides special training and coaching concession in attendance, travel facilities, food facilities etc., to the students to participate in cultural, literary, and sports competitions. Students are encouraged to participate in Youth Exchange Programmes held in different countries like Australia, Srilanka, Arab Nations, Burma, Bangladesh etc., where the students exchange their skills and culture with one another.

Health Centre, Health Insurance etc.:

There are two health centres, one in the college campus and another in Manasagangotri campus. Students can avail the facilities in any of these health centres. There are two Medical officers, two staff nurses, one lab technician, one pharmacist, five attenders in each health centre. The University is in the process of introducing general insurance scheme for all the students.

Skill development (spoken English, computer literacy, etc.):

The Career Development and Placement cell of the college conducts orientation programmes/workshops/lectures on personality development, time management, communication skills etc., English department is in charge for handling soft skill classes. The placement

cell of the college also invites speakers from industries which provide regional and global employment opportunities for the students.

Performance enhancement for slow learners / students who are at risk of failure and dropouts:

Each department in the college identifies the slow learners in the respective subjects on the basis of the performance of the students in their internal assessment tests, classroom interactions and at the end semester examinations. Special batches are formed to provide remedial coaching after their regular lecture hours. There is regular monitoring on the performance of these students and necessary counselling is provided. Enrichment courses like personality development programmes are also conducted to improve students personality and motivate them for an innovative and creative mind set.

Exposure of students to other institutions of higher learning/ corporates/business houses, etc. :

The college conducts field visits, industrial visits, institutional visits to provide practical knowledge and exposure to the visits.

The details of these visits are given in the **Appendix - XIV**

Publication of student magazines: The college publishes its annual magazine “Yuvachintana”. The students enthusiastically contribute articles, poems, pencil sketches, etc. to the magazine. The college magazine is an ideal for the students to exhibit their literary and creative talents. Students are guided by teachers in their effort to select topics and write articles. All the activities and achievements of the college are show-cased in the magazine. In addition to the annual report, reports by the individual departments and cells are published.

There is a special section devoted to articles in Hindi, Urdu, Sanskrit, in addition to English and Kannada. Yuvachintana also attempts to create awareness about patriots and cultural and literary personalities of the country. The college magazine has photos of the college activities as well as individual photos of achievers, sports champions, Ph.D. awardees and selectees among others. The magazine is distributed to the staff and students as well as to higher authorities and guests.

5.1.9 Does the College provide guidance / coaching classes for Civil Services, Defense Services, NET/SLET and any other competitive examinations? If yes, what is the outcome?

The college has a separate support system for the students appearing and qualifying in various competitive examinations. Students who are interested and willing to appear in various competitive examinations are helped by the faculty in matters of study materials and counseling for the right strategies. Students have access to library to refer books related to entrance test. Students can appear online examinations using internet facilities at college.

The library has a collection of books on competitive exams like CAT, Banking recruitment, UPSC, TOFEL, UGC NET/SLET, etc. The college subscribes for magazines and newspapers which provide information on job opportunities and career options.

Details of students who appeared and qualified in various competitive examinations is given in the Appendix: XV

5.1.10 Mention the policies of the College for enhancing student participation in sports and extracurricular activities through strategies such as

- **additional academic support, flexibility in examinations**
- **special dietary requirements, sports uniform and materials**
- **any other**

The college promotes active participation of students in sports and other extracurricular activities by ensuring consistent encouragement and motivation. The necessary facilities are provided and adequate funds are allotted.

- Shortage of attendance of students participating in extra curricular activities is condoned as per University norms.
- Cash Award for Students who have participated in Inter University Competitions.

Year	Cash Award per student	Number of recipients	Total Amount
2010-11	1,000=00	06	6,000=00
2011-12	1,500=00	10	15,000=00
2012-13	1,500=00	06	9,000=00
2013-14	2,000=00	10	20,000=00

- Cash Rs. 500/- per student for winning more medals in Inter Collegiate Competitions.
- Track suit and sports kit for Inter Collegiate Medalists.
- Dietary Allowance DA Rs. 100/- per day and Match Refreshment Charge Rs. 50/- per Match / session
- Sports Uniform: Sando Banian with shorts and Jersey with shorts will be issued to the students who represent the college in different Inter-collegiate competitions the sports uniform will not be collected back due to hygienic reasons.

The college has a glorious tradition of excellence in extra curricular and co-curricular activities. The trophies displayed in the Principal's chamber are a testimony to this. The college appreciates the performance of the students by displaying their achievements on the college notice board, college magazine and college website. The college has also organized the following events-

- 2010-11 University Inter Collegiate Inter Zonal Men Games with joint venture of Department of Physical Education, University of Mysore.

- 2013-14 Mysore City Inter Collegiate Athletic meet with the joint venture of Department of Physical Education, University of Mysore.
- 2013-14 Srikantadatta Wodeyar Memorial Football Tournament organized by the Students of Yuvaraja's College, Mysore

5.1.11 Does the College have an institutionalized mechanism for placement of its students? What services are provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?

The constitution of the Career Guidance and Placement Cell for the year 2014-15 is as follows:

CAREER GUIDANCE AND PLACEMENT CELL		
1.	Dr. Swarnamala Sirsi	Convener
2.	Dr. M.K. Mahesh	Member
3.	Dr. P.K. Maheshwar	Member
4.	Dr. J.S. Ashadevi	Member
5.	Dr. Rohith L. Shankar	Member
6.	Dr. Shaukath Ara Khanum	Member
7.	Sri . T. Chandraiah	Member
8.	Dr. C. Sumangala	Member
9.	Sri. K.B. Murthy	OR

The convener is available round the clock to the students. The main objective of the placement cell is to bring awareness about the employment opportunities and job skills. To help students to find jobs in various fields of their choice, the placement cell informs the students belonging to various departments through circulars and announcements. The cell conducts training programmes and workshops to prepare students to face interviews and participate in group discussion. The cell coordinates with, the University CPDPS and various recruiting agencies/companies like Wipro Technologies, Bangalore, Venturesoft, Bangalore, iGate Global Solutions, Bangalore, HCL, Bangalore, Wipro Infotech, Bangalore, SLK Software Services Pvt. Ltd., Bangalore, Cognizant, Chennai, L & T Infotech, Tata Consultancy Services, etc., to carry out the training and recruitment programmes identifies students having specified pre-requisites and provides necessary support. Students are kept informed of campus recruitment drives and are encouraged to attend the same. In order to enhance the employability, the cell has organized informative sessions. A number of workshops, lectures have been conducted covering all crucial aspects like career guidance, communication skills, interview techniques, quantitative aptitude etc.

5.1.12 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus annually for the last four years).

Students have been selected through campus recruitment by software, companies, banks, manufacturing industries in the last four years.

Student Placement through campus

Year	Sl. No.	Recruiting Agency	Recruitment Number of students
2010-11	1.	SLK Software Services Pvt. Ltd., Bangalore	39
	2.	Venturesoft, Bangalore	
	3.	CGate Global Solutions, Bangalore	
	4.	Tech Mahindra, Bangalore	
	5.	Golden Land Mark Resorts, Mysore	
	6.	HCL, Bangalore	
	7.	Infosys, Mysore	
	8.	L & T Electronics and Electrical Division, Mysore	
	9.	Wipro Infotech, Mysore	
	10.	Theorems India Ltd., Mysore	
	11.	Software Paradigm India Ltd., Mysore	
	12.	Mahindra Satyam, Bangalore	
	13.	Wipro Infotech, Bangalore	
	14.	Hotel Oberoi Sheraton, Bangalore	
	15.	ING Vysya, Bangaore	

2011-12	1.	Wipro Technologies, Bangalore	52
	2.	iGate Patni, Bangalore	
	3.	Software Padagdigm India Ltd. Mysore	
	4.	Infosys, Mysore	
	5.	Mysore Anusolar, Mysore	
	6.	Theorem India Pvt. Ltd., Mysore	
	7.	Tata Consultancy Services, Bangalore	
	8.	Tech Manhindra, Bangalore	
	9.	L & T (Infotech), Bangalore	
	10.	L & T Technologies, Bangalore	
	11.	Accenture, Bangalore	
	12.	ACC cements	
	13.	Cognizant, Chennai	
	14.	ING Vysya, Bangalore	

15.	Hinduja Global Solutions, Mysore
16.	HCL, Bangalore
18.	Mangalore Chemicals & Fertilizers Ltd., Mangalore

2012-13	1	Wipro Technologies, Bangalore	33
	2	iGate Patni, Bangalore	
	3	Infosys, Mysore	
	4	Tata Consultancy Services, Bangalore	
	5	Tech Mahindra, Bangalore	
	6	L & T Infotech, Bangalore	
	7	L & T Ltd., (Electrical Automation), B'lore	
	8	Accenture, Bangalore	
	9	ACC Cements,	
	10	Cognizant, Chennai	
	11	Mangalore Chemicals and Fertilizers Ltd., Mangalore	
	12.	Hewait and Packard, Bangalroe	
	13	Sys information Health Care, Mangalroe	
	14	South Indian Bank, Bangalore	
2013-14	1	iGate, Bangalore	48
	2	JK Tyres, Mysore	
	3	Infosys, Mysore	
	4	Wipro Technologies, Bangalore	

5.1.13 Does the College have a registered Alumni association? If yes, what are its activities and contributions to the development of the College?

The Alumni Association of Yuvaraja's College was started under the name Old Boys Association and is one of the oldest alumni associations of the city.

Alumni Association, Core Committee Members:

Secretary : Dr. M. Rudraiah
 Joint Secretary : Dr. Devanath
 Joint Secretary : Dr. M. R. Janardhan

Members : Prof. Venkataramana Shetty, Prof. S. Dwarki, Dr. R. Ganesh, Dr. S. Latha, Dr. B. M. Venkatesh, Sri. G. Krishnamurthy, Dr. H. B. Mahesh, Dr. Swarnamala Sirsi, Dr. Shaukath Ara Khanum, Dr. R. Rajesh, Sri. G. Srinivas, Smt. Sharvani K. A., Sri Nageshbabu.

The Alumni of the college comprise a glittering galaxy of eminent personalities from all walks of life. To list a few Mr. Siddaramaiah, Chief Minister of Karnataka; Mr. B. Somashekar, Former Higher Education Minister of Karnataka; Padmabhushan

Venne Doreswamy Iyengar, Carnatic Musician; Sri R. K. Lakshman, Cartoonist, Illustrator; Padmasri T. S. Satyan, Photo Journalist; Dr. S. L. Byrappa, Sahitya Academy Awardee; Padmasree Dr. V. Prakash, Former Director CFTRI, Mysore. Many doctors, scientists, environmentalists, advocates, performing artists are working with distinction all over the world. Many of the college alumni are actively associated in promotional programmes for the welfare of the college. Major activities of the Alumni association towards the development of the college are sponsoring special lectures, mid-day meals for needy students, best student awards for meritorious students, construction of Platinum Jubilee Hall etc.

5.1.14 Does the College have a student grievance redressal cell? Give details of the nature of grievances reported and how they were redressed.

For the welfare of the students and to address their grievances, Grievance Redressal Committee was constituted under the recommendation of University Grants Commission. The committee looks after grievances in all fields of academics, sports, extracurricular activities, NSS, NCC etc. The Grievances from students arising out of their active participation in the said activities are sympathetically considered to exempt them from rules or by making arrangement by providing additional opportunity to fulfill this shortcomings. To quote;

- The dates of main examination/internal assessment test are rescheduled if found inconvenient due to overlap of the schedule of other competitive exams by KPSC/SFC or entrance examinations for higher studies at National level with intimation well in advance.
- Grievance from lady students related to privacy and possible misbehavior by the men students using mobile phones is redressed by enforcement of ban on using mobile phones publicly in the college premises and imposing penalty for those who do not abide by the rules.
- Grievances of lady students who are engaged in NSS activities on the occasion of organization of camps in remote villages, is redressed by deputing lady teacher representative to accompany the team in shifts.

The constitution of the committee is as follows;

GRIEVANCE REDRESSAL COMMITTEE	
Dr. T. Raghunath	Convener
Dr. Y.C. Nanjundaiah	Member
Dr. H.C. Devarajegowda	Member
Sri. D.K. Srinivasa	Member
Dr. T. Asha Iyengar	Member
Dr. B.M. Venkatesha	Member
Dr. R. Shekara Naik	Member
Dr. S. Suresh	Member
Sri. H.P. Jayadevappa	Member
Sri. M.B. Ravikumar, FDC	OR

5.1.15 Does the College have a cell and mechanism to resolve issues of sexual harassment?

There is a Women Harassment Enquiry Cell which comes under the jurisdiction of the University of Mysore which works on preventing sexual harassment as per the guidelines issued by Honourable Supreme Court of India. Our college faculty served as member/secretary of this cell. In the past four years it has solved 22 cases. All the recommendations have been favorably accepted by the University and accordingly the punishments are meted out.

The Women empowerment cell of the college sensitizes the students to develop a healthy relationship with the opposite gender. The cell creates awareness of the socio-cultural, political and biological complexities of the other gender. The college has taken all steps and measures for the prevention of sexual harassment.

5.1.16 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

Yes. An anti-ragging committee has been constituted in line with the guidelines of Supreme Court of India.

5.1.17 How does the College elicit the cooperation from all stakeholders to ensure overall development of the students considering the curricular and co - curricular activities, research, community orientation, etc. ?

The following major efforts are taken to elicit cooperation from all stakeholders:

- Faculty serving on various committees like Jnanavahini Committee, Yuvachintana Committee, Sports Committee etc., motivate students to take active part in curricular and co-curricular activities
- Convenors of NSS & NCC committees strive hard to inculcate among students a sense of punctuality patriotism

- Parents are kept informed about their wards' progress and are called upon to meet the faculty as and when required
- The College responds to the various invitations to competitions in other institutions by sending the students to participate which helps the students to enhance their skills and self-confidence.
- Special lectures by eminent personalities are arranged to provide opportunities to the students to interact with them.
- Suggestions are sought from prospective employers and the college makes sincere efforts to give effect to plausible suggestions
- Alumni members extend their cooperation and support and provide constructive feed back for its development.

5.1.18 What special schemes/mechanisms are in place to motivate students for participation in extracurricular activities such as sports, cultural events, etc?

- Talent search programme is conducted in the beginning of the year with over 25 competitions like Dance (Classical and Western), Singing (Classical, folk, film hits, devotional), Drawing and Painting (Poster, Advertisements, Cartoon, Collage, Rangoli), Drama (Mono acting, one act play, mime, mimicry), Debate (Kannada, English), Elocution (Kannada, English), Essay writing (Kannada, English), Quiz, Clay modeling etc.
- Students are given formal training to participate in Yuvadasara University level competitions etc. Services of sports coaches, choreographers, artists from theatre institutes such as Rangayana are utilized to train students and assist them in excelling in extra curricular activities.
- Students are encouraged to conduct college science fest 'Yureka' which is entirely envisaged and conceptualized by the students.
- Shortage of attendance, is condoned as per the University norms
- Prizes are given to outstanding achievers in extra-curricular activities
- Publicity is given in local news papers

5.1.19 How does the College ensure participation of women in 'intra' and 'inter' institutional sports competitions and cultural activities? Provides details of sports and cultural activities in which such efforts were made?

The college bears the expenses of the costume, make up, coaching, refreshment and travel allowance of the students.

Special efforts are made to encourage women in particular. The Jnavahini committee trains a troupe to compete in theatre festivals at the state level. Annual sports are also conducted for the students and all the employees within the college.

5.2 Student Progression

5.2.1 Provide details of programme-wise success rate of the College for the last four years. How does the College compare itself with the performance of other autonomous Colleges / universities (if available)

Success rate of the college for the last four years (Result in percentage)

Sl. No.	Programme	2010-11	2011-12	2012-13	2013-14
1	B.Sc.	62.14	67.38	70.80	54.43
2	BCA	52.54	37.50	100.00	96.72
3	BBA	69.44	82.86	51.35	50.00
4	M.Sc. Chemistry	52.94	50.00	70.97	86.66
5	M.Sc. Molecular Biology	100.00	100.00	100.00	93.33

The results of our college cannot be compared to other colleges because the mode of admission and the background of students admitted are different. The admission in the college is open to all categories of students such as those belonging to different socio-economic conditions. Hence, not comparable.

5.2.2 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the observed trends.

5.2.3

Student Progression	% Approximately
UG to PG	40
PG to M.Phil.	05
PG to Ph.D.	02
Employed	
• Campus selection	15
• Other than campus recruitment	20

5.2.3 What is the Programme-wise completion rate/dropout rate within the time span as stipulated by the College/University?

The college is committed to bring down the dropout rate. Socio-economic, cultural and psychological issues contribute to the dropout factor.

Number of Droupouts

Year	Course	I	II	III	IV	V	No.of Dropouts
2010-11	B.SC	652	601	304			03
2011-12		547	652	601			02
2012-13		461	489	582			-
2013-14		765	432	468			-
2010-11	B.B.A	49	37	39			1
2011-12		25	49	37			-
2012-13		27	18	38			1
2013-14		39	25	18			-

2010-11	B.C.A	62	-	-			-
2011-12		58	62	-			-
2012-13		52	58	49			1
2013-14		63	53	57			-
2010-11	M.Sc. Chemist ry	25	31				-
2011-12		33	25				-
2012-13		35	33				-
2013-14		32	35				-
2010-11	M.Sc. Molecul ar Biology Integrat ed	14	09	03	03	03	-
2011-12		09	14	09	09	03	-
2012-13		18	09	14	09	03	-
2013-14		20	10	16	11	18	-

Welfare measures and numerous academic extension activities of our college contribute to minimize the dropout rate to a great extent. Below average students who are at the risk of failure are regularly counseled by the faculty.

5.2.4 What is the number and percentage of students who appeared/ qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.

The college facilitates student progression to higher level of education or employment through personality development programmes, interaction with eminent personalities, study tours, field visits etc. Eventhough exact data regarding the number and percentage of students who appeared/ qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc., is not available partial date available is explicit in the evaluative report of the department.

5.2.5 Provide details regarding the number of Ph.D/D.Sc./D.Litt. theses submitted, accepted, resubmitted and rejected in the last four years.

Sl. No	Name of the research scholar	Title	Status
Guide: Dr. H. Nanjegowda			
1	Mr.Syed Yousuff	“Impact of Liberalization on Insurance Business – A case study of Life Insurance Corporation of India”	Awarded
2	Mr. Biji P. Thomas	“C leaner production practices in small and medium industries and their Financial Implications – A study of Cochin Industrial Region in Kerala”	Awarded
3	Mr. Mohammed Hamoud Ahmed Alsambi	“Evaluation of Accounting information systems in private manufacturing companies in the Republic of Yemen”.	Awarded
4	Nabel A.A.Talib	“A study of effectiveness of institutional Finance in Agricultrual sector of the Republic of Yemen”.	Awarded
5	Babitha N. Thimmaiah	“An Empirical Evaluation of capital structure practices of Corporate Organizations in India”.	Awarded
6	Chaitra Bocheer K. S.	“Effectiveness of Covert advertising in Bollywood Movies”.	Awarded
7	Jeevan H. M.	“The control and co-ordination of Global software development projects – A study of selected software companies in Karnataka”.	Awarded
8	Keshavamurthy K. P.	“A comparative analysis of emotional intelligence level among business and other professional groups” – A study of selected professional groups in Karnataka”.	Awarded
9	Beena S. N.	“Institutional Finance for	Submitte

		Coffee Plantations in Karnataka”.	d
10	Safeq Hamoud Mohammed Al-Saidi	“Activity based costing system in manufacturing industry in Karnataka”.	Submitted
11	Mr. Abdul Haleem Quraishi	“Impact of Macroeconomic variables on Standard and poor NIFTY Index”.	Submitted
Guide: Dr. S. N. Hegde			
12	Guna P	Effect of a few antipressant drugs on the courtship and sexual behavior of <i>Drosophila melanogaster</i>	Awarded
13	Bhavani K. M.	Studies on the population structure and dynamics of a few wildlife of Bhadra Sanctuary with special reference to Indian Gaurs	Awarded
14	Lakshmi K. V.	Genetic analysis of a few courtship traits of <i>Drosophila melanogaster</i>	Awarded
15	Sowmya M. L.	The fitness benefits of repeated male mounting the same female in a few species of montium sub group of <i>Drosophila</i>	Submitted
Guide: Dr. A. C. Sharada			
16	Veena T H	Studies on the involvement of hyaluronic acid in cancer tissues.	Awarded
17	Sharath Chandra S P	Synthesis and biological evaluation of 6 fluoro-3-(piperidine-4-yl) isoxazole derivatives for their antipsychotic properties.	Submitted
18	Chandru H	Antiangiogenic effects of the synthetic aromatic dienone analogs of curcumin on In-vivo & In-vitro models	Awarded
19	Deepti Lokanath A	Biochemical and genetic markers of dyslipidemia and associated risk factors, A study on Kodavas.	Submitted
Guide: Dr. M. K. Mahesh			
20	Sapna B	Effect of BAAN Physiological studies of Rice	Awarded

21	Alakananda B.	Diatom community structure in Bangalore Urban wet lands and its relevance in Bio-monitoring	Awarded
22	Vidya Gurkar M.S	Dynamics of phytoplankton in four lakes of Mysore, Karnataka state, India	Submitted
Guide: Dr. K. Ajay Kumar			
23	Jayarooopa P.	Synthesis and characterisation and their biological studies of five membered nitrogen heterocycles	Awarded
Guide: Dr. Shaukath Ara Khanum			
24	Gurupadaswamy H D	Synthesis of oxadiazole and Pyrimidone analogues for their biological Application	Awarded
25	Lakshmi Ranganatha V	Synthesis and Characterization of Diaryl Methanone integrated to Nitrogen, oxygen and sulfur containing heterocyclic analogues and their biological activity	Awarded
26	Bushra Begum A	Preparation and application of synthetic linked Azamacrocyclic ligands and complexes	Submitted
Guide: Dr. D.G.Bhadre Gowda			
27	Praveen Kuamr S. N.	Development and validation of analytical techniques for the analysis of some bioactive molecules	Submitted
28	Mallikarjun aswamy	Synthesis and Characterization of some new pyrimidine derivatives	Submitted
Guide: Dr. K. B. Umesh			
29	Srikantamurthy N	Synthesis and Biological Studies of Pyrazole containing oxadiazole, thiadiazole and thiazole analogues	Submitted
30	Shubakara K	Synthesis and Biological Evaluation of 1,3,4-oxidiazine and 1,3,4-thiadiazine derivatives	Submitted

Guide: Dr. K. Yeshoda Nanjappa			
31	Suad Abdulaziz Alkadery	Re-placing Women in the Social Paradigm: A Comparative Study of the Novels of Alice Walker and Bessie Head	Awarded
32	Kanakamali ni M. A.	Voices of the Subaltern Women: A Feminist Study of Select Autobiographies by women	Awarded
33	Mohammed Gholampuri	Interrogating the Notion of the Self and Identity: Women in the Novels of Paule Marshall and Gloria Naylor	Awarded
Guide: Dr. P. Venkatesh			
34	Kassim Al-Malifed	Edward Said's Concept of Occident – Orient Dichtomy: An Arab Perspective.	Awarded
Guide: Dr. S. Suresh			
35	Deepa N.	“Analysis of liquid waste for Heavy Metals and their Removal through various Biosorbents”	Submitted
36	Doddamani A. B.	“Studies on impact of industrial effluents on Ground water qualities in Mysore Industrial Areas”	Submitted
37	Hema N	Isolation, Screening and Optimization of Culture conditions for decolorization of Textile Effluent by certain Microbial isolates	Submitted
38	Sandeep B. N.	Adsorption of Heavy Metals and Dyes from Industrial Waste Water using different clays as adsorbents”.	Awarded
39	Lathamani R	Evaluation of Leachate, Contaminants and Impact of Urban Environment on Ground Water quality in Mysore city.	Awarded
40	Abdella Abdella	Studies on the Impact on sewage water on agricultural crop	Awarded
41	Nichola Ramacharje	Ecotourism : Impact and Potential Contribution to	Submitted

	e	Sustainable Development in Karnataka.	
Guide: Dr. M. R. Janardhana			
42	Adel Hamood Lutf Naji	Geological ,structural and hydrocarbon studies in the Qamar Gulf, Eastern part of Yemen by potential geophysical techniques.	Awarded
43	Ali Hussien Ali Al-Sanabani	Geotechnical investigations of soils and rock mass around Dhamar city, Republic of Yemen.	Submitted
44	Houshang Khairy	Simulation of the seawater intrusion in coastal aquifers of Mazandaran province, North Iran	Submitted
Guide: Dr. D. R. Jayaprakash			
45	Shalivahan B. K.	Nirgun Bhakti Ke Paripreksh main hindi evm Kannada Ki Saint Mahilaon Ka Tulanatmak Adyayan	Awarded
46	Santhosh	Mrinal panday ke sahitya mein Navi Vimarsh	Awarded
Guide: Dr. C. Sumangala			
47	Khadeijeh Khodabads hi Parijan	Impact of Human Resource Disclosure Value: A Study of selected companies	Submitted
48	Venkatesh N.	Evaluation of Six Sigma implementation in select Manufacturing industries in Mysore	Awarded
Guide: Dr. S. Latha			
49	Shilpa N	Recent interests in complex function theory	Awarded
50	Fuad Saleh M. Alsarari	A Study of Complex function theory	Awarded
51	Kanthalaksh mi H.N.	A Study of Complex function theory	Awarded
52	Dileep L	A Study of Convolution operators in Geometric Function Theory	Submitted
53	Ravikumar N	Some contribution to Geometric Function Theory	Awarded
Guide : Dr. Ruby Salestina			
54	Prashanth	Some contributions to the study of signed graphs	Awarded
Guide: Dr. S. Mahadeva Murthy			
55	Nagalambika C.	Investigations on physico-chemical and bacteriological	Awarded

		parameters of ground water in Mysore city.	
56	Divya K. S.	Ecological Studies on Microbial Diversity of Surface Water in Coorg and Wynad Districts	Awarded
57	Nagaraju A	Elicitation of Resistance and Defense Related Enzymes by Plant Growth Promoting Fungi in Sunflower against Downy Mildew Disease Caused by <i>Plasmopara halstedii</i>	Awarded
58	Brajesh Kumar Jha	Isolation and molecular characterization of dermatophytes by PCR	Awarded
Guide: Dr. N. S. Devaki			
59	Sumana K.	Studies on Fusarium wilt of Tobacco in Karnataka	Awarded
60	Seema M.	Biology and Management of <i>Rhizoctonia solani</i> Kuhn on Tobacco in Karnataka	Awarded
Guide: Dr. H.C.Devarajegowda			
61	Waleed fadl Ali	Crystal and molecular structure studies of organic molecules & medicinal interest	Awarded
Guide: Dr. H.Somashekarappa			
62	Siddaraju G. N.	Studies an broadening of X-Ray Bragg reflection in polymer samples using mutual correlation function	Awarded
63	Prakash Y.	Characterization of HPMC Polymer and HPME Polymer blends using X-Ray setting technical	Awarded
Guide: Dr. Swarnamala Sirsi			
64	Veena Adiga	New representation of density matrix in terms of Cartesian basis matrices and their application in the study of symmetric gates	Awarded
65	Shilpashree S.P.	Photodisintegration of deuteron at astrophysical energies	Awarded
66	Sakineh Ashourisheikh	Local unitary equivalent classes of symmetric N-qubit systems based on multi-axial representation of the density	Awarded

		matrix	
Guide: Dr.Y.C. Nanjundaiah			
67	Nagalakshmi N	Sandesha Kavya in Sanskrit literature–A study	Awarded
68	Narasimhan M. K.	Varaha nihirana bruhat samhita ondu vimarshatmaka Adhyayana	Awarded
69	Suma S	Rasgangadhara ondu vimarshatmaka - Adhyayana	Awarded
70	Sandhya G	Naishadheeya charithadalli Rajaneethi	Awarded
71	Vijayalakshmi P. H.	Vedakaleena Stree Ondu Adhyayana	Awarded
Guide: Dr.H. B. Mahesha			
72	Kasmaei F.G.	Biotechnological approach to understand relationship between biomolecules and commercial traits in <i>Bombyx mori</i> L	Awarded

5.3 Student Participation and Activities

5.3.1 List the range of sports and games, cultural and extracurricular activities available to students. Provide details of participation and program calendar.

The following Sports and Games are offered by the college

Sl. No.	Activity for Men Section	Activity for women section
1	Athletics	Athletics
2	Badminton	Badminton
3	Ball Badminton	Ball Badminton
4	Basket Ball	Basket Ball
5	Chess	Chess
6	Cricket	Handball
7	Football	Hockey
8	Handball	Kabbadi
9	Hockey	Kho-Kho.
10	Kabbadi	Softball
11	Kho-Kho	Table tennis
12	Softball	Tennis
13	Table Tennis	Tennikoit
14	Tennis	Volleyball
15	Volleyball	Cross country race – 6 Kms.
16	Cross country race – 12 Kms.	Wrestling, Gymnastics, Yoga
17	Swimming & Diving	Swimming & Diving

18	Wrestling, Weight lifting, Best Physique, Gymnastics and Yoga	
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Calendar of Events: Sports

Month	Programme
July	Selection of Students to participate in inter-collegiate tournament
August	Training and Coaching for selected students to take part in different inter-collegiate tournament. Training and Coaching will be given to non-selected students also.
September	Sponsoring the students to participate in different inter-collegiate tournament and University selection trials. Continuous process of training and coaching
October and November	Sponsoring the students to participate in different inter-collegiate tournament and University selection trials. Sponsoring the students to represent University of Mysore if they have selected. Continuous process of training and coaching
December and January	Sponsoring the students to represent University of Mysore if they are selected. Interested students can attend the practice session due to end semester examinations.
February and March	Sponsoring the students to participate in different inter-collegiate and interzonal tournament Training and coaching process will continue Annual sports competitions will be organized for students and staff
April and May	Celebration of sports day <ul style="list-style-type: none"> • Felicitation to students who have represented University of Mysore in Inter-University tournament • Honouring the students who secured medal in inter-collegiate tournament • Prize distribution to the Annual sports competitions prize winners

Cultural and Literary Activities offered by the college:

Sl. No.	Event
01.	Dance (Classical and Western)
02.	Singing (Classical, Folk, Film hits, Devotional)
03.	Drawing and Painting (Poster, Advertisements, Cartoon, Collage, Rangoli)
04.	Drama (Mono-acting, One act play, Mime, Mimicry)
05.	Debate (Kannada and English)
06.	Elocution (Kannada & English)
07.	Essay Writing (Kannada & English)
08.	Quiz
09.	Clay Modelling

Cultural and Literary activities – Calendar of Events and Student's participation:

Sl. No.	Period	Event	Students Participated
1	July	Talent Search program Inauguration	300
2	September	Teacher's day Intercollegiate cultural and Literary competition	500 100
3	October	Yuva Dasara	100
4	November	Kannada Rajyotsava University level competitions	500 100
5	December	Sir Vallabhai Patel's Birthday Celebration of Kuvempu's Birthday	300 500
6	January	Celebration of Swamy Vivekananda's Birthday YUREKA	500 300
7	February	Celebration of Science day	150
8	April	Dr. Ambedkar Jayanthi	500
9	May	Valedictory function	300

5.3.2 Provide details of the previous four years regarding the achievements of students in co-curricular, extracurricular activities and cultural activities at different levels: University / State / Zonal / National / International, etc.

That the students of Yuvaraja's college, Mysore are versatile is beyond doubt, as they have won laurels at many extra-curricular activities at inter and intra college competitions held during the respective academic years as evident from the results of the achievements. Their

academic performance too is commendable.

Nanjunda Sharma won the 1st prize in Kannada debate at the inter college debate competition in the academic year 2010-11. The year 2011-12 saw many students winning prizes: Tejaswini Prakash won 2nd Prize at the Janapada Geethe, R. M. Ananya Vasudev notched the 1st place at the state level Tabala Examination for Mysore Division, Sarvajit M was placed 2nd at the District level Science quiz, Kamran Waseen was judged 2nd best at the district level poster presentation while Arjun G Deshpande won the 2nd prize in Science quiz organized by JSS College of Arts, Science and Commerce, Mysore.

The year 2012-13 started off with respect to cultural activities participation when twelve of our students presented their dancing skills at the Yuvasambhrama, Mysore Dasara festivities, under fusion dance category on the theme Karnataka Vaibhava. Further, 33 students from the college were selected to represent the college at the University level Intercollegiate competitions where the team secured 2nd position overall. One of the participants of the contingent T. N. Ashwini was selected as University representative to sing light music (solo) and classical music (solo) at Inter-University South Zone competitions. She was a recipient of many prizes in singing competitions under various categories (folk, light music, classical, film hits, western etc.,) in inter-college competitions held at various colleges/organizations during that academic year. The year also saw the other achievers: Mudassir Hussain 2nd prize, Sandeepa N 4th prize winning prizes in English and Kannada debate inter college competitions. Arjun Deshpande, Kamran waseem, Rajanikanth and Mudassir Hussain won the 1st prize in inter collegiate quiz competitions. Rajanikanth also excelled in almost all the cultural and art competitions he took part in. The year 2013-14 was no loss eventful as many students taking part in inter college competitions stood tall by winning prizes in most of them.

Yuvaraja's college students have broken all bounds when it comes to achievements in sports. The college along with the University of Mysore provide a lot of encouragement to students interested in sports. The year wise list of students who represented Yuvaraja's College and University of Mysore at various levels is given in the Appendix XVI

5.3.3 How often does the College collect feedback from students for improving the support services? How is the feedback used?

Every year the feedback is distributed to the outgoing students during the final semester. The data is analyzed for further improvements. Feedback taken from the students is listed and used to improve support services like sanitation, drinking water facilities, library facility, internet accessibility etc.

5.3.4 Does the College have a mechanism to seek and use data and feedback from its graduates and employers, to improve the growth and development of the College?

Yes, feedback is sought from both graduates and employers and the same is used for the growth and development of the college. The college seeks suggestions from its alumni during Graduation day and when they visit the college to interact with faculty. Alumni also serve as members of BOS and offer suggestions. The convenor of the Career Development and Placement Cell regularly gets feed back from the employers and take necessary action.

5.3.5 How does the College involve and encourage students to publish materials like catalogues, wall magazines, College magazine, and other material? List the major publications/ materials brought out by the students during the previous academic session.

The college publishes its annual magazine “Yuvachinthana”. To oversee its publication, Yuvachinthana committee is constituted at the beginning of each academic year. The students are motivated to express their talent through essays, short stories, paintings, poems etc. The college magazine provides them a platform to express themselves.

Publications by students

Sl. No.	Name of student	Title of the book
1	Rajendra S Mellahalli	Kadala Kranti
2	Ambegalu Krishna (Kavana Sankalana)	Krishnamurthy K
3	Sinchana (Hanigavanagalu)	Krishnamurthy K
4	Ninna Hesarallondu Mounarchane	Krishnamurthy K

Short/Documentary films by students:

Documentary film about Yuvaraja’s college and Short (Social cause) films One Second please, Sanjaya, Gannchali bidi Kannada Mathadi	Direction, Cinematography, Editing by Karthik K K., Lyrics Krishnamurthy K, Voice over Sahamatha Assistant Directors - Niveditha, Krishnamurthy, Mahesh G, Ravikumar
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5.3.6 Does the College have a Student Council or any similar body? Give details on its constitution, major activities and funding

Student’s elections were banned as it was apprehended that the law and order situation in the city might deteriorate because of the excessive political involvement. Therefore, as of now there is no student council in the college. But the following activities are under progress.

- Sharing the students ideas and opinions on various curricular, co-curricular and extra curricular issues.

- Organizing programmes such as inauguration of Talent Search, Kannada Rajyotsava, Teachers day, Yureka, Graduation day, Sports day etc, under the supervision of Jnanavahini committee and sports committee.
- Encouraging students to conduct college fest Yureka, Volleyball tournament etc.
- Constituting various students committees like the Botany Club, Management Forum, Chemical Association etc
- Funds towards the activities of the students is collected along with the admission fee. These funds are utilized to organize programmes and functions. If expenses exceed budget allocation, they are met by the college.

5.3.7 Give details of various academic and administrative bodies that have student representatives on them. Provide details of their activities.

Suggestions and creative ideas of students are elicited as follows:

- Students serve as members of IQAC, Sports Committee
- They serve as members in cultural and Yuvachintana sub committees
- They serve as members of the Botany club, Management association. Chemical association etc

Any additional information regarding Student Support and Progression, which the institution would like to include.

Criterion VI
Governance, Leadership
and Management



CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and mission of the College.

Mission:

- To provide a meaningful educational environment, opportunities and experiences that enable students to grow, and prosper in their future life and career.
- To sensitize learners towards inclusive social concerns, human rights and essential human values.

Vision:

- To prosper as a distinguished premier institution of higher education
- To thrive as a Centre of intellectual activities
- To create a sustainable environment that promotes innovative and best practices in teaching and research

6.1.2 Does the mission statement define the College's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, College's traditions and value orientations, vision for the future, etc.?

Yes. The Vision and Mission of the college reflect the distinctive characteristics of the college such as catering to the educational, social cultural and economic needs of the society. All these characteristics are reflected in its policies. Quality educational programmes and healthy practices are being implemented keeping in mind the policy of uncompromising adherence to the values and principles.

6.1.3 How is the leadership involved in

- **ensuring the organization's management system development, implementation and continuous improvement**
- **interaction with stakeholders**
- **reinforcing culture of excellence**
- **identifying needs and championing organizational development (OD)?**

Ensuring the organization's management system development, implementation and continuous improvement: The management system of the college has been developed along the following lines:

- The Governing Body, Academic Council and Finance Committee serve as decision making bodies at the highest level and provide enlightened leadership to the college.
- The Principal and the Administrative Officer exercise such powers as are necessary to implement the policies and programmes of authorities concerned including the Governing Body. They have the overall responsibility for the smooth and efficient functioning

of the college. They review the functioning of the office and departments keeping in view the goals and objectives of the college.

- The Heads of Departments serve as a link between the Principal and the faculty and they oversee the fulfillment of Departmental goals.
- The committee system which includes several committees such as Science forum, Jnanavahini, Purchase Committee, Grievance Committee, Disciplinary Committee, Web Committee Career Guidance and Placement Cell, Examination Reforms Committee, Library and Reading room Committee, Sports Committee etc. provides ample scope for participatory management.

Continuous Improvement:

The college leadership facilitates continuous improvement in academic and administrative matters through:

- Quality enhancement measures initiated
- The use of feedback
- Annual performance appraisal of staff
- Staff enrichment programmes
- Periodic review and revision of curricula
- Suggestions put forth during council meetings

Interaction with Stakeholders:

- Informal interaction with students begins right at the time of admission and the college initiates its formal interaction with the orientation programme at the beginning of the academic session.
- Students may contact the Principal, Administrative Officer, faculty/co-ordinators of various support services after class hours.
- Feedback on curriculum, teaching is taken from at the end of each semester.
- Organizing Alumni meetings.
- Grievances of parents are addressed by authorities concerned.
- Parents are invited to the graduation day to appreciate the achievements of their wards.
- Leading personalities of the society and representatives of the media are invited to college functions.

Re-inforcing culture of excellence:

- Maintenance of overall discipline
- Enrichment of college libraries and other sections
- Innovations in conducting supporting activities
- Critical appraisal of teaching and non-teaching staff.
- Recognition of students, faculty and administrative staff for their achievements
- Training, support and encouragement to staff for research.
- Emphasis on faculty development programmes

Identifying needs and championing organizational development (OD)

- Acquiring additional infrastructure
- Introduction of technology in administration control and supervision

6.1.4 Were any of the senior leadership positions of the College vacant for more than a year? If so, indicate the reasons.

No

6.1.5 Does the College ensure that all positions in its various statutory bodies are filled and conduct of meetings at the stipulated intervals?

Yes. It is ensured that all positions in various statutory bodies are filled in and are functioning regularly as per the schedules prepared by the college. In case of any positions lying vacant, the Governing Body sees to it that they are filled in.

6.1.6 Does the College promote a culture of participative management? If yes, indicate the levels of participative management.

Yes. The college promotes a culture of participative management at all levels

- The college encourages the participative management through the statutory bodies namely Governing body, Academic council, Finance Committee, IQAC and Board of Studies
- Teachers are by rotation given opportunities to serve on bodies such as Governing Body, Academic Council, Finance Committee, Internal Quality Assurance Cell, Board of Studies, Board of Examiners etc. Teachers are by rotation also given opportunities to serve on different committees such as Web committee, Purchase Committee, Grievance Redressal Committee, Disciplinary Committee, Career Guidance and Placement Cell, Examination Reforms Committee, Library and Reading Room Committee, Yuvachintana Committee, Jnanavahini Committee, Science Forum, Extension Committee, Women Empowerment Committee, Sports Committee, NSS Committee, Cooperative Society, Free Canteen Committee, Planning Development Committee and Anti Ragging Committee.
- Important decisions are made in consultation with staff members in department council, staff council and college council meetings.
- Parents may visit the college to offer suggestions or express grievances, if any
- Apart from participation in statutory bodies, the involvement of industry is sought through means such as field work, industry visit and seeking suggestions from companies visiting the college for campus recruitment.
- Members of the alumni association contribute their ideas towards the overall development of the college.

- The public is kept informed about the activities and achievements of the college through press.

6.1.7 Give details of the academic and administrative leadership provided by the University to the College?

- Yuvaraja's college being a constituent autonomous college of the University of Mysore, the Vice-chancellor is the Governing Body Chairman and under his leadership development activities are planned.
- Representatives of the University serving in the Governing Body, Finance Committee, Academic Council, Board of Studies and Board of Examinations offer constructive suggestions pertaining to academic and administrative matters.
- The college Development Council of the University acts as a liaison between the UGC and other funding agencies and the college and extends support to all the developmental endeavors of the college.

6.1.8 How does the College groom the leadership at various levels?

To facilitate grooming of leadership in the college;

- The Principal, The Administrative Officer, Faculty members and Administrative staff participate in various programmes organized by the University, UGC and other higher educational institutions in India
- The college has a rotational policy for the appointment of Head of Department, Chairperson of BOS and BOE, Coordinators of Post graduate departments and Coordinators/Convenors of various committees of the college.
- The Staff members are motivated to head the different functional committees and roles are rotated to ensure that every staff member becomes well versed with the various functions and activities of the college.

6.1.9 Has the College evolved any strategy for knowledge management? If yes, give details.

- The digital library enriches the faculty members with study and reference materials for all the subjects. These can be accessed by students also. Some of the class rooms have been installed with gadgets which enable them to access the digital repository and internet resources directly in the class rooms.
- The Board of Studies updates the curricula keeping in mind the latest developments in the field concerned.
- From time to time, the website is updated.

6.1.10 How are the following values reflected in various functions of the College?

- **Contributing to national development**
- **Fostering global competencies among students**
- **Inculcating a value system among students**
- **Promoting use of technology**
- **Quest for excellence**

Contributing to national development:

The College:

- Presents intellectual, normally upright and socially responsible youth to society
- Produces qualified human resources to drive the nation
- Strives to promote social inclusion through efforts designed to mainstream SC/ST/OBC, economically weak students.
- Undertakes meaningful extension activities
- Promotes students participation in NCC, NSS, activities to bring about orientation towards community service.
- Invites freedom fighters and social activists to infuse the spirit of nationalism among students and staff during the celebration of National festivals - Independence day, Republic day and Kannada Rajyothsava.

Fostering global competencies among students.

- Continuous updating of curricula in keeping with global standards. Autonomous status has helped the college in this respect.
- Offering programmes in areas that have global Management.
- Placing strong emphasis on English and Computer. skill enhancement.

Inculcating a value system among students:

- To inculcate values among students, at the beginning of each academic year, Orientation programme is conducted for students Eminent personalities are invited to enlighten the students and to initiate discussion. Apart from these guest lectures are arranged on various social and moral issues.

Promoting use of technology

- Computer applications is offered as a compulsory subject in graduate programme
- The college has computers with the latest configuration
- The entire college is connected with LAN with a speed of 1Gbps
- Wifi facility is available
- 250 Nodes have been provided with internet facility with 100Mbps National Knowledge Network broadband line
- The library is equipped with INFLIBET facility, with e-books and e-journals
- The computerized language lab is equipped with consoles and a master computer system.

Quest for Excellence:

- The College's digital library repository contains quest for excellence.
- The quality of teaching has been assessed and steps for improvement have been initiated
- To ensure academic excellence, teachers are encouraged to participate in various workshops, seminars, conferences orientation programme, Refresher course etc.
- To involve students in projects and presentations so as to train them to learn research methodology
- Courses are conducted for students to improve their language and analytical skills.
- The College has been recognized by UGC as a College with Potential for Excellence.
- With high impetus being accorded to research, faculty members are actively engaged in minor and major research projects with more than 600 publications.

6.1.11 Give details of the UGC autonomous review committee's recommendations and its compliance.

Recommendation 1: Introduce few more courses in innovative/emerging/job-oriented areas.

As noted the review committee's recommendations during the year 2014-15 new Postgraduate courses M.Sc. in Physics, Mathematics, Botany were started. MA in English which was suspended for a while has been started. In addition to this, MBA course was started in the same year to meet the aspirations of the public giving an opportunity for higher studies in Management for the BBA qualified students.

Recommendation 2: Establish collaborative linkages with other institutes/organizations for teaching and research

For teaching and research, collaborative linkages with the institutes such as CFTRI, DFRL etc. is sustaining due to active continuous participation and interaction of scientists in a variety of fields for mutual benefit. This arrangement has helped in a big way owing to shortage of faculty for teaching in the college.

Recommendation 3: Close linkage among language departments and establishment of a language laboratory

Under the programme of CPE of UGC an English language laboratory has been established in the college.

Recommendation 4: Enhancement of the culture of using ICT as tool for teaching-learning process

ICT for teaching-learning has been given a priority by establishing a LAN (speed of 1Gbps) connecting all the departments with the administrative system and full computerization is established. There are 7 e-class rooms which are being utilized optimally for teaching

using the teaching aids. Many more e-class rooms are planned for the current year.

Recommendation 5: Further modernization of science laboratories

The science laboratories are being modernized in structure to suit the needs of contemporary research and teaching by furnishing and upgrading the existing equipment and by purchase of the latest equipment wherever necessary. The equipment including computers are maintained by AMC to facilitate effective utilization without interruption.

Recommendation 6: Computerization of the library with availability of on-line facilities

The college library has a good number of books for reference and lending to the students and staff. The library database is computerized and can be accessed for availability from remote places through the network. Several e-journals/books are made available to the students and staff through regular subscription.

Recommendation 7: Establish close linkage with the Alumni Association

The college with several decades of service in higher education has remained in the minds of very distinguished personalities in diverse fields of research, politics and philosophy. The members of the Alumni association have been generous in their contribution to continue the social activities such as Mid-day meals to encourage the economically weaker sections of the students.

Recommendation 8: Interdepartmental linkages in teaching and research may be established and also facilitate use of equipments of different departments by all teachers

As per the recommendations of the review committee, inter departmental academic activities between departments of related subjects to promote dissemination of knowledge by conducting seminars organized by joint participation to promote multi-disciplinary research. The equipment purchased in the college are being utilized by a department and in case of necessity by all other departments.

Recommendation 9: Strengthening of placement, counseling and other support services

There is a Career Guidance and Placement Cell in the college instituted for the purpose of providing a base for establishing communication between the student data base accessible to the companies/industries for placement/counseling for higher education. The cell is functioning well under the leadership of a senior teacher as the Convenor.

Recommendation 10: The college needs to formulate a long term perspective plan

As recommended by the review committee, there is a long term plan for elevating this college to greater heights in the field of higher

education with a motto “Higher education for all” through the support of extension activities of the college. There is a lot of funding from the UGC and State Government under RUSA with a plan proposal stretching for a coming decade keeping in view of the developments in academics, sports and extra-curricular activities at the National level.

6.2 Strategy Development and Deployment

6.2.1 Does the College have a Perspective Plan for development? If so, give the aspects considered in development of policy and strategy.

- **Teaching and learning**
- **Research and development**
- **Community engagement**
- **Human resource planning and development**
- **Industry interaction**
- **Internationalization**

Yes, the college has a perspective plan for development. The aspects considered in the development of policy and strategy is as follows;

Teaching and learning:

- Adopting Choice Based Credit System in graduate programme
- Changing curriculum from unit teaching to modular teaching
- Improving infrastructural facilities for quality teaching.
- Strengthening curricula so as to make students globally competitive

Research and development

- Promotion of interdisciplinary and collaborative research
- Modernization of laboratories
- Upgradation of library facilities
- Establishing research centre

Community engagement

- Organizing awareness programmes and observing commemorative days
- Increasing NSS activities like blood donation camps, eye donation camps, awareness programme

Human resource planning and development

- Performance evaluation of the staff members
- Organizing staff enrichment programmes
- Educate the staff in computer to develop operational skills
- Rotation of headship of departments

Industry Interaction

- Strengthening career guidance and placement cell
- Arranging lectures by industrial professionals

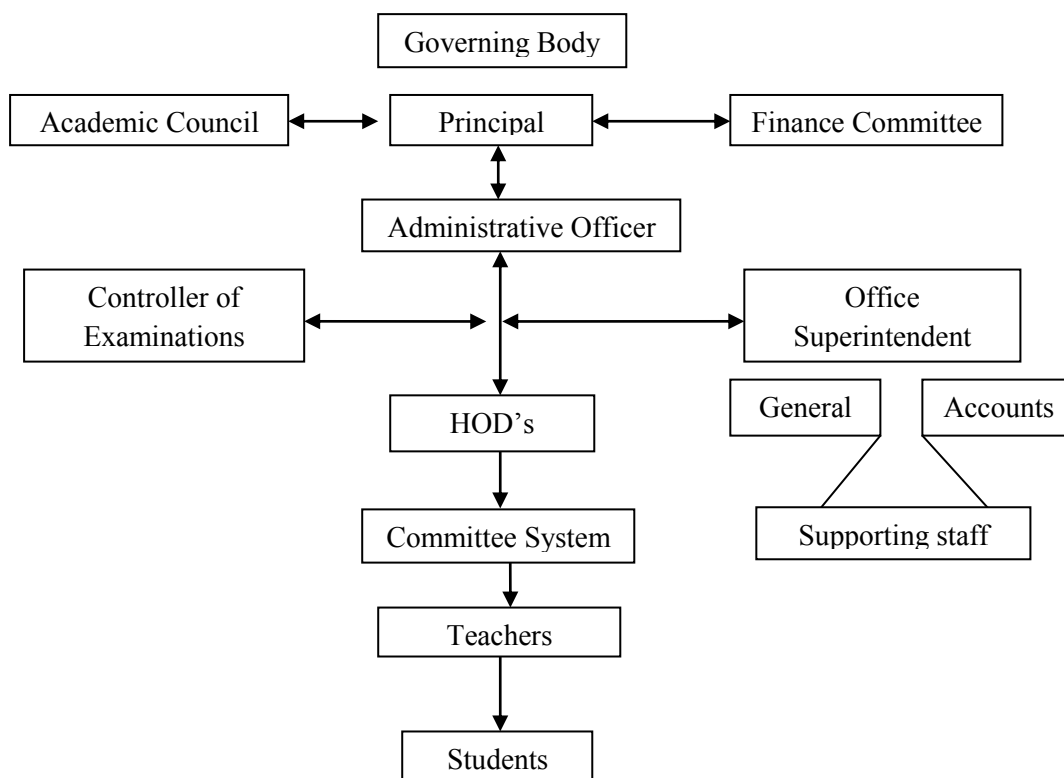
Internationalization

- Updating of curricula in keeping with global standards
- Increasing enrolment of international students

6.2.2 Enunciate the internal organizational structure of the College for decision making processes and their effectiveness.

The major decision making bodies are Governing Body, Academic Council and Finance Committee. The Following flow chart gives the college's internal organizational structure.

Internal Organizational Structure for Decision-Making



6.2.3 Specify how many planned proposals were initiated/ implemented, during the last four years. Give details.

	Planned Proposal	Status
2010-11	To be recognized as "College with Potential for Excellence" by UGC	The College has been recognized as "College with Potential for Excellence" by UGC on 18-03-2010
	To conduct national seminar/ conference	Conducted two-day national Conference in Mathematics on 25-26 March 2011.
	To create new research laboratories, installation of E-classrooms and set up Language Lab	6 Classrooms have been converted into E-Classrooms, established Language Lab in the old building and created research laboratories in the Department of Chemistry and Physics
	To revise syllabi	Syllabi of both Degree and Post-graduate courses were

2011-12	To submit proposal for financial assistance under the scheme of “Additional Assistance to covered Colleges” to UGC-SWRO, Bangalore.	revised The College has received Rs. 20,70,000/- from UGC-SWRO under the scheme of “Additional Assistance to covered colleges”
2012-13	Proforma submitted to UGC for continuation of Autonomous Status to the College	The UGC Review Committee visited the College during October 2012 and recommended for the extension of autonomous status for six years w.e.f. 2014-15 to 2019-2020 including ex-post-facto sanction for the year 2012-13 and 2013-14.
2013-14	To start new PG Courses	Started new PG courses: M.Sc. in Mathematics, M.Sc. in Physics, M.A. in English, M.Sc. in Botany, Master of Business Administration [MBA] from 2014-15.

6.2.4 Does the College have a formally stated quality policy? How is it designed, driven, deployed and reviewed?

The commitment to quality emanates from the vision and mission of the college. There are reviewed from time to time. The college evolves quality policies on Curricular aspects, Teaching-learning and Evaluation, Research, Consultancy and Extension, Infrastructure and Learning Resources, Student Support and Progression, Governance, Leadership and Management, Innovation and Best Practices and gets them approved by the Governing Body of the college. These policy statements serve as the guiding force behind all the quality initiatives of the college and its departments.

6.2.5 How does the College ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder-relationship?

A congenial atmosphere prevails in the college. There exists a cordial relationship among students and faculty. The grievances of the students are addressed by the following committees. Grievance Redressal Committee, Disciplinary Committee, Examination Reforms Committee, Library and Reading Room Committee, Women Empowerment Committee and Free Canteen Committee. The college

has a student grievance forum consisting of teacher members of the college to listen to the students aspirations and grievances in all fields of academics, sports, extracurricular activities, National service scheme, NCC. Grievances from students arising out of their active participation in the said activities are sympathetically considered to exempt them from rules or by making arrangement by providing additional opportunity to fullfil their shortcomings. To quote;

- The dates of main examination/external assessment test are rescheduled if found inconvenient due to overlap of the schedule of other competitive exams by KPSC/SFC or entrance examinations for higher studies at National level with intimation well in advance.
- Grievances from lady students related to privacy and possible misbehavior by the others boy students via the mobile phones is redressed by enforcement of ban on using mobile phones.
- Grievances of lady students who are engaged in NSS activities on the occasion of organization of camps in remote area villages, about threat to their welfare is redressed by deputing lady teacher representatives to accompany the team in shifts.

6.2.6 Does the College have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

Yes. Feedback on the aspects related to the curriculum, quality of teaching and support services is obtained from students and analyzed at the end of each semester. The results obtained are forwarded to the departments concerned for initiating action wherever necessary. Analysis of student's feed back has helped the college in initiating several improvement measures.

6.2.7 In what way the affiliating University helped the College to identify the developmental needs of the College?

Yuvaraja's College is a constituent college of the University of Mysore. Being the parent university, University of Mysore offers academic, administrative and financial support. All student support service such as hostels, library, laboratories, IOE, International Student Centre, Sport facilities are open to students of Yuvaraja's College. All the academic programmes and courses are conducted with the approval of parent university. The administrative support such as non teaching, technical and menial staff are provided by the university.

6.2.8 Does the affiliating university have a functional College Development Council (CDC) or Board of College and University Development (BCUD)? If yes, In what way College is benefitted.

Yes. The College Development Council plays a pivotal role in realizing the goals of national policy on higher education. It supports the college for the review of autonomous status, getting funds from UGC.

6.2.9 How does the College get feedback from non-teaching, teaching, parents and alumni on its functioning and how it is utilized.

Teachers express their views and opinions in departmental council meetings. Both the teaching and non-teaching staff express their views during council meetings. Feedback from parents is collected from parents when they visit the college during Graduation day. Feedback from Alumni is collected informally during their visit to college. The feedback so obtained is put to constructive use wherever possible.

6.2.10 Does the College encourage autonomy to its academic departments and how does it ensure accountability?

- Each department is given freedom to plan their academic activities as well as to revise and update their curriculum
- The teaching learning process is subjected to audit.
- Feedback on teaching performance is also obtained from students.
- Every department is given full freedom to arrange guest lectures, organize symposia, seminars, workshops etc.

6.2.11 Does the College conduct performance auditing of its various departments?

Regular departmental level, staff and college council meetings are conducted to assess the academic progress and functioning. The staff self-appraisal reports and student's feedback is taken and incorporated as and when required.

6.3 Faculty Empowerment Strategies

6.3.1 What efforts are made by the College to enhance the professional development of teaching and non teaching staff?

- The faculty are deputed for orientation/refresher courses/training programmes as per requirements.
- Faculty are also encouraged to organize and to participate in enrichment programmes like seminars, conferences, workshops etc.
- Necessary leave facilities are provided to faculty who desire to pursue doctoral/post doctoral studies.
- Financial assistance is extended to faculty who present papers in state/national and international level conferences seminars and conferences.
- Infrastructure is provided to the teachers for carrying out research work, minor and major projects.

6.3.2 What is the outcome of the review of the Performance Appraisal Reports? List the major decisions.

- Performance appraisal system of the faculty is in vogue.
- Annual self-appraisal reports of faculty are sent to the University. The appraisal reports are used to offer constructive suggestions towards the professional development of the staff performance-appraisal reports have also been useful in identifying training needs and reviewing service conditions.

6.3.3 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

Welfare schemes available for teaching and non-teaching staff:

Teaching and non-teaching staff members service conditions are governed by KCSR and hence enjoy the welfare schemes;

- Pension scheme
- Provident fund scheme
- Group Insurance scheme
- Employees Welfare fund
- Mysore University Employees Credit Cooperative society
- House Building Cooperative society
- Mysore University Employees Housing Cooperative society
- House building facility
- Vehicle/Computers loan facility
- Festival Advance
- Medical re-imburement

6.3.4 What are the measures taken by the College for attracting and retaining eminent faculty?

The college has been trying its level best to maintain and develop good academic atmosphere. The college values the efforts of the faculty and the following are the factors for which the college is attracted by the eminent faculties.

- Good relationship between teachers and students
- Good academic atmosphere
- Departmental autonomy

6.3.5 Has the College conducted a gender audit during the last four years? If yes, mention a few salient findings.

The college conducts a gender composition of audit every year.

Gender composition of students and staff 2013-14

Sl. No.	Criteria	Men	Women
1.	Students in graduate programmes	1427	487
2.	Students in Post graduate programme	20	32
3.	Teaching Staff	33	24
4.	Teacher's with Ph.D.	35	21
5.	Non-teaching staff	24	12

6.3.6 Does the College conduct any gender sensitization programs for its staff?

The college has a vibrant women's Empowerment constituted as follows;

WOMEN EMPOWERMENT COMMITTEE	
Dr. S. Latha	Convener
Dr. H.N. Kanthalakshmi	Member
Dr. N.S. Devaki	Member
Dr. A.C. Sharada	Member
Dr. K. Yeshoda Nanjappa	Member
Dr. P.K. Maheshwar	Member
Sri. M.R. Ananthanarasimha	Member
Dr. M.S. Vasantha	Member
Ms. Aiysha Firdouse	Member
Smt. Annapurna	OR

Programmes are organized to highlight social issues pertaining to challenges faced by women and stress on the need for promotion of gender equality by making men and women mutually sensitive to each other problems and needs. Eminent women, social workers, officials from the police department, health experts are invited to preside over these programmes.

6.3.7 What is the impact of the University's UGC-Academic Staff College Programmes in enhancing competencies of the College faculty?

The Faculty who have participated in University Academic staff college have been able to perform with enhanced skills and competencies. This has also helped in their career advancement.

Participation UGC-Academic Staff College Programmes is given in the **Appendix - XVII**

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of financial resources?

As per the autonomous college status, a separate Finance Committee is constituted under the Chairmanship of the Principal of the College. Finance Officer, University of Mysore, a senior most faculty and the Superintendent-Accounts of the college are the members of the Finance Committee. The Finance Committee is responsible to prepare the annual budget and monitor its implementation.

6.4.2 Does the College have a mechanism for internal and external audit? Give details.

All the Financial transaction of the college is audited by the designated auditor appointed by the Government of Karnataka at University of Mysore, Mysore.

6.4.3 Provide audited income and expenditure statement of academic and administrative activities of the previous four years.

INCOME					
S. No	Particular	2010-11	2011-12	2012-13	2013-14
1	Govt. Grant in Aid (Salary)	5,41,21,999	6,48,69,927	7,41,80,040	8,39,25,210
2	Scholarships (Govt./FC)	48,68,635	49,01,100	51,85,744	52,92,084
3	Grants (UGC, Central & State, Spl. Project)	4,07,000	10,00,000	2,06,250	27,93,750
4	Fees	14333056	15428855	1,46,32,068	1,66,16,921
5	Income from Alumni	--	--	--	--
6	Income from other sources	23,69,506	37,46,353	33,79,290	34,65,910
Total Income		7,61,00,196	8,99,46,235	9,75,83,392	11,20,93,875

EXPENDITURE					
S. No	Particular	2010-11	2011-12	2012-13	2013-14
1	Grant Expenses (UGC, CG & Project)	43,01,720	10,00,000	57,343	23,25,640
2	Salary/Wages	5,44,33,010	6,57,35,152	7,50,43,688	8,52,70,417
3	Administration expenses	4,41,309	4,44,882	4,41,001	3,07,714
4	Maintenance expenses	8,39,093	8,38,245	6,65,118	8,22,449
5	Guest Lecture/Seminars/Workshop	50,18,261	1,14,95,187	1,04,48,113	96,96,107
6	Books & Journals	--	--	30,000	1,81,026
7	Scholarships (Govt./FC/Mgmt)	47,13,325	47,88,840	51,23,362	51,46,143
8	Electricity/Gen.set running cost	1,11,50,112	13,36,803	15,82,467	19,69,840
9	Fixed Assets (land, building, Equip)	40,04,901	3,85,180	4,24,077	2,15,390
10	Alumni Expenses	--	--	--	--
11	Consumables	4,91,588	14,39,400	13,14,740	16,85,562
12	Fee expenses	21,93,837	41,77,420	45,66,053	65,55,973
13	Other expenses	14,29,745	23,26,905	15,34,830	0
Total		8,90,16,901	9,39,68,014	10,12,30,792	114176261

6.4.4 Have the accounts been audited regularly? What are the major audit objections and how are they complied with?

Yes, no major objections were raised by the Auditor.

6.4.5 Narrate the efforts taken by the College for resource mobilization.

The college enjoys academic autonomy thereby certain percentage of seats over and above the normal intake have been given away to the students at a higher fee decided by the Governing Body.

The amount collected by the students under different heads over a period of time, which has been accumulated in different accounts has been deposited in banks for varying period, which fetch as substantial interest annually. Further the college receives grants from University Grants Commission (UGC), Department of Science & Technology (DST) and other funding agencies towards various research projects (minor/major) handled by faculty members and overhead charges will be collected from their projects. Our college faculty members offers guidance and supervision services to part-time research scholars who are required to pay annual lab maintenance charges every year.

Resources Mobilized (2010-11, 2011-12, 2012-13, 2013-14)		
Sl. No.	Particulars	2010-11
1	UGC and Central Government	
2	State Government agencies (ITBT)	
3	Fees from students	6,10,10,900=00
4	Salary Grants from State Government	
5	Management Grants for Salary and Infrastructure	
6	Other Sources	1,29,61,059=00
TOTAL: Rs.		7,39,71,959=00

Resources Mobilized (2014-15)		
Sl. No.	Particulars	2010-11
1	Salary Grants from State Government	
2	Fees from Students	1,43,08,315=00
3	UGC grants	
4	Other Funding from Central/State agencies *STAR College DBT *DST *ICMR	
5	Scholarships	
6	Endowments	35,000=00
7	Contribution by Management	
8	Miscellaneous *Auctioning of parking space *Canteen *Sale of Vermi compost *Computer Training	

6.4.6 Is there any provision for the College to maintain the ‘corpus fund’? If yes, give details.

No

6.5 Internal Quality Assurance System

6.5.1 Does the College conduct an academic audit of its departments? If yes, give details.

External Academic audit was conducted during 2009. Academic audit committee visited each and every department and interacted with faculty and students and submitted the report. (Appendix XVIII)

6.5.2 Based on the recommendations of academic audit what specific measures have been taken by the College to improve teaching, learning and evaluation?

The academic report was given to each department. The academic and infrastructural gaps are communicated to the Staff. Teaching, learning and evaluation gaps are discussed with the faculty. The faculty members are advised to take necessary action to follow the suggestions.

6.5.3 Is there a central body within the College to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

Yes. The IQAC of the college continuously reviews the teaching learning process. The structure of IQAC is as follows:

Structure of IQAC

Sl. No.	Category	Name & Designation
1	Chairperson (Head of the Institution)	Prof. H. Nanjegowda, Principal
2	A few senior teacher/administrative officer	Dr. R. Ganesha, Administrative Officer Dr. S. N. Hegde, Controller of Examination
3	Three to eight teachers	1. Dr. T. Raghunath 2. Dr. S. Latha 3. Dr. R. Vidya 4. Dr. S. Mahadevamurthy 5. Dr. H. B. Mahesha 6. Dr. Swarnamala Sirsi 7. Dr. Yeshoda Nanjappa 8. Dr. Shaukath Ara Khanum
4	Office Staff	Mr. H. R. Prakash

5	Technical staff	Mr. V. Sridharan
6.	One or two members from the Management	1. Prof. Aiysha M Sheriff, BIMS, UOM 2. Prof. A. Balasubramanian, Director, EMRC, University of Mysore, Manasagangotri
7	One/two nominees from local society	Sri R. Guru, Industrialist, Aravinda Parimala Works, Mysore
8	Student representative	Chandrashekhar, I M.Sc.,
9	One of the teachers as the Co-ordinator of the IQAC	Dr. S. Latha, Associate Professor, Department of Mathematics, Yuvaraja's College, Mysore.

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

The IQAC's contribution in institutionalizing the quality assurance process;

- Compiling the proforma submitted to the UGC Expert Committee for extension of autonomous status.
- Coordinating the visit of UGC expert committee for extension of autonomous status. The college was given extension by UGC upto 2020. (**Appendix XIX**)
- Creating awareness about Choice Based Credit System
- Obtaining feedback related to teaching learning process
- Guiding in organizing seminars in the college.
- Document all information by way of preparing AQAR for future reference

6.5.5 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

The IQAC does have external members on its committee. They are respectable personalities in the society and have wide experience in various fields. The IQAC gets valuable guidance from these members.

6.5.6 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

Overall performance of the students is monitored and the IQAC keeps track of the academic progress of students from disadvantaged sections. Mentoring system is adopted to needy students. As a result of the efforts made by the college to improve their academic performance, their progress has been found good.

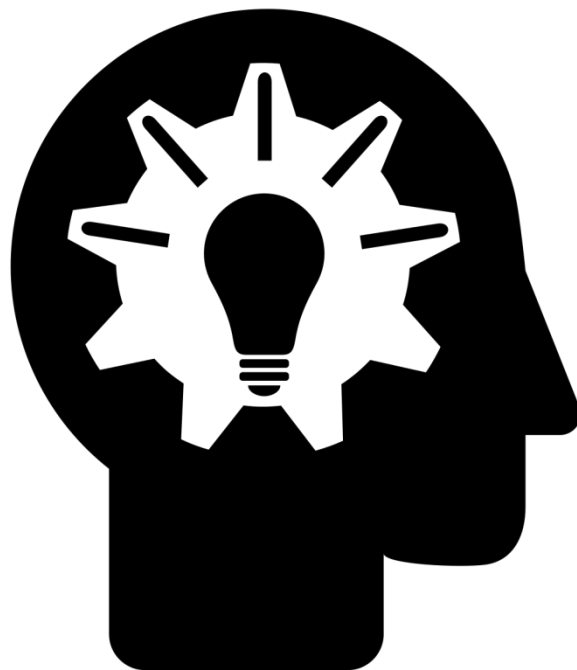
6.5.7 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?

To sustain quality in the overall functioning of the college periodic review meetings of both academic and administrative bodies are conducted. The staff meetings, both departmental and general take stock of the achievements of the college at the end of each semester and discuss the plan of action for the next semester. The IQAC with the faculty members evaluates the overall performance of the college and discuss the difficulties, short comings faced and remedial steps to be followed for the further improvement.

Any additional information regarding Governance, Leadership and Management, which the institution would like to include.

Celebrating Graduation day is being celebrated since the last two years. The students who excel in diverse fields of science are rewarded by giving away the prizes certificates on the occasion. Since the college became autonomous in 2005, students passing out of the college are being given an opportunity to participate in the Graduation day and take an oath for servicing the society and use their knowledge for the betterment of society. On the occasion of the second graduation day in 2014, gold medals were given to the eligible candidates.

Criterion VII
Innovation and Best
Practices



CRITERIA VII: INNOVATION AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the College conduct a Green Audit of its campus?

Yes. To conduct this college has a Green Audit Committee which is as follows;

GREEN AUDIT COMMITTEE		
1.	Dr. N. S. Devaki	Convener
2.	Smt. K. A. Sharvani	Member
3.	Dr. M. Prathibha	Member
4.	Dr. R. Sowmya	Member
5.	Smt. Usha	Member
6.	Smt. Mamatha	Member
7.	Smt. Brunda H. M.	OR

The above committee is responsible for maintaining an eco-friendly environment in the campus. It is trying to bring awareness in this regard among the different stake holders through various activities. One such activities is the celebration of Earth Day (April 22), Vanamahotsava (first week of July) and Environment Day (June 5).

The College initiated 'Paperless' administration practices. In this direction all the Departments are provided with computers, internet connections and intercom telephone facilities.

Proper recycling of electronic waste is done through buy back policy. Students are instructed to follow appropriate recycling of their personal electronic gadgets.

One of the responsibilities of green audit team is to plan for the efficient management of water and maintaining greenery in the campus. All these years, the college was using large quantity of tap water for maintaining plants in the campus which resulted in water problem. Water from nearby Kukkarahalli lake is used to overcome this problem.

Class rooms, laboratories, staff room, office and parks are provided with closed waste containers. Segregation of garbage is done at the collecting point. Non-degradable waste is collected regularly by the City Corporation. Bio degradable waste is collected and transported to the Composting unit of the University of Mysore.

The College is declared as plastic free zone. In the College's nine decades long history, the college has made constant efforts to maintain greenery of the campus and to preserve the old trees.

Plants of the campus

The Flora of the campus includes many trees, shrubs, herbs and a few climbers. There are well-maintained lawns in the open places. We have a Botanical garden with a green house. There are more than 350 species of plants in our campus which increases the aesthetic value of our heritage building and are the source of fresh air.

The arboretum of our campus forms the main frame work of the landscape. It includes large and religious trees like Neem (*Azadirachta indica*), Banyan tree (*Ficus benghalensis*), Peepal (*Ficus religiosa*), Amla (*Phyllanthus emblica*), Bel (*Aegle marmelos*), Kalpavriksha (*Cocos nucifera*), Kevada (*Pandanus odoratissimus*) etc.

Landscape and ornamental trees like Silver Oak (*Grevillea robusta*), Copper pod (*Peltophorum pterocarpum*), Royal Poinciana (*Delonix regia*), Silver trumpet and Pink trumpet (*Tabebuia aurea* and *T. heterophylla*), Coral tree (*Erythrina indica*), Pagoda tree (*Plumeria rubra*) African tulip tree (*Spathodea campanulata*), champaka (*Magnolia champaca*) etc., keep the campus vibrant and colourful by their abundant flowers.

Shade giving trees such as Honge (*Pongamia pinnata*), Siris tree (*Albizia lebbek* and *A. amara*), Rain tree (*Albizia saman*), Devil tree (*Alstonia macrophylla*) planted along the road are the favorite relaxing place of our students in their leisure time.

There are valuable trees like Rose wood (*Dalbergia sissoo*), Teak (*Tectona grandis*), Sandal wood (*Santalum album*), Eucalyptus (*Eucalyptus globules*), Bigleaf mahogany (*Swietenia macrophylla*) etc.

Fruit yielding plants of our campus include Mango (*Mangifera indica*), Tamarind (*Tamarindus indica*), Sapota (*Manilkara zapota*), Banana (*Musa paradisiaca*), Butter fruit (*Persea americana*), Custard apple (*Annona squamosa*), Bullock heart (*Annona reticulata*) etc.

Beautiful climbers of our campus include *Thunbergia alata*, *T. fragrans*, *Clitoria turnatea*, *Heptage madablata*, *Allamanda*, *Tecomaria*, *Aristolochia littoralis*, *A. tagala*, *Hoya carnos* etc.

In the Botanical garden plants of academic interest are grown which includes Angiosperms, Gymnosperms (*Cycas*, *Pinus*, *Zamia*, *Gnetum*, *Ephedra*, *Thuja* etc), Ferns etc. We have a good collection of Orchids, Aquatic plants, Medicinal plants and some endemic as well as endangered plants of Western ghats.

The activities of the Green Audit committee is given in the Appendix - XX

7.1.2 What are the initiatives taken by the College to make the campus eco-friendly?

- Energy conservation
- Use of renewable energy
- Water harvesting

- **Check dam construction**
- **Efforts for Carbon neutrality**
- **Plantation**
- **Hazardous waste management**
- **e-waste management**
- **any other**

Energy conservation:

- Most of the class rooms have natural light and ventilation. Hence electricity is used only during extreme conditions
- The college is in the process of replacing traditional lighting with CFL/LED lamps in all the class rooms and corridors.
- Monitoring of lights and fans in the college campus
- Awareness on energy conservation is given to Staff and students of the college by the Principal and Resource persons during staff meeting and student orientation program.
- Public transport, Shared transport and use of bicycles is encouraged in the college.

Use of Renewable Energy:

- A part of the college campus has solar street lights
- Initiative is taken by the college to install a solar panel to generate hot water which can be used in the laboratories.

Water Harvesting:

- The college has initiated rain water harvesting in the new building
- Scarcity of water is one of the problems our college is facing. As an effort to keep the campus green Kukkarally lake water is drawn and used for the plants grown in the campus. This lake receives back washed water from Vani Vilas Water works for replenishment.

Check dam construction:

Not applicable

Efforts for Carbon neutrality:

- Plants of the campus including large trees such as Neem tree, Rain tree, Peepal tree, Banyan tree, Devil tree, Indian elm, Nandi flame etc. help in neutralizing carbon emissions.
- Cutting down trees in the college campus has been strictly prohibited so as to prevent carbon emission which can be regarded as a first step towards the achievement of carbon neutrality

Plantation:

- The college is maintaining greenery throughout the year.
- There is a Botanical garden with a green house facility where rare and academic important plants are added and maintained.
- Earth day, Vanamahotsava and Environment day are celebrated through planting saplings inside the campus as well as outside.
- Every year NSS camp is held in some remote village and one day is dedicated for planting saplings.
- There are slogans posted to reinforce importance of trees

Hazardous Waste Management:

- Hazardous effluents from the laboratory are disposed in the pits dug in the ground and covered safely so as to prevent the environment from any harm.
- Biological wastes in the form of micro-organisms are destroyed by autoclaving and using disinfectants and disposed safely.
- Chemistry, Biochemistry and Molecular Biology labs are equipped with lab fume hoods-local ventilation that is designed to limit hazardous by products of the lab activities.

E-Waste Management:

- E-wastes are stored and they are disposed off through buyback system .

7.2 Innovations

7.2.1 Provide details of innovations introduced during the last four years which have created a positive impact on the functioning of the College.

- Orientation programmes are conducted to incorporate the latest technology and innovative methods in teaching and learning
- Continuous and comprehensive evaluation
- Remedial classes and student peer teaching for slow learners
- Seminars and challenging assignments for fast learners
- Industrial visits, field trips, educational tours for students
- Personality development programmes for students organized by the placement cell
- Computerized language lab to facilitate communication skills
- Encouragement to students to take up funded projects on special topics
- Talent Search programme in the college with more than 25 competitions
- College fest YUREKA which is entirely envisaged and conceptualized by the students and brought into effect with the support and guidance of faculty
- Free Mid-day meals for economically backward students
- Encouragement (Release of books, Preparation of short/documentary films by students.
- Updates website regularly.
- Plagiarism check for doctoral thesis
- Celebration of International year of Mathematics and International year of statistics in a unique way
- Organizing inter-collegiate Science model exhibition and Inter-University quiz competition
- Department of Chemistry recognized by VGST for Under CISEE scheme
- Involvement of students in community development programmes
- Celebrating Graduation day
- Green initiatives
- Venturing upon new initiatives (CPE, CBCS, etc.)

- Faculty members providing financial assistance to needy staff, free canteen services, Yureka etc.

7.3 Best Practices

7.3.1 Give details of any two best practices which have contributed to better academic and administrative functioning of the College.

I. Pet Bharo, Khoob Pado: Mid-day meal program

Objectives of the Practice:

The program of mid-day meal to the economically poor students coming from far off places was identified as a priority program since several decades to keep the students free from starving during the entire working day of the college there by facilitating their effective study. The objective of the program is to provide an environment in which the economically poor students will be mentally prepared on par with other economically sound students to study in a common good ambience.

Context:

The college is a centre of higher studies providing education to the students at affordable cost to the students coming from villages and taluks of neighbouring districts of Chamarajanagar, Mandya, Hassan. Majority of the students admitted to the college belong to the socially and economically weaker sections of the society. Although the college provides hostel facilities to the students, the limited hostel facility available is not adequate to accommodate all the students seeking hostel facility. To meet the needs of such students in satisfying their hunger during the middle of the working day the program was launched. And even the students who do not reside in the hostels but come from their residential places in and around the city from far off places who do not have sufficient time to go home for their mid-day meal and come back on time during the limited break-time but belong to economically weaker sections are covered under this programme. The programme is being successfully implemented since several decades. The financial source for the programme is the generous funding by donors from outside the college, teachers within the college and alumni of the college.

Practice:

In continuation of the context described in 3, the college is one of the very few colleges launching this programme and therefore is a unique practice at the centres of higher education. The difficulty/limitation in the implementation of the mid-day meal programme has been very limited source of funds, inadequate to meet the needs of all those who are eligible for coverage under this programme. Besides, it is difficult for the college to implement the programme on all working days throughout the year and constrained to a few months in the year limited to the available fund.

Evidence of Success:

The very fact that the students who passed out from the college and settled in various capacities are coming forward to generously contribute to the said programme of the students of the college is the outcome of their realization of the importance of the program that has supported them during their student career. Some of the students have donated to the tune of **Rupees One lakh** towards the program that speaks of the success of the donor.

Problems encountered and Resources Required

In the light of the problems narrated in Sl. No. 3&4, there is an urgent need for financial source from funding agencies promoting standard of higher education to make a budgetary provision and create a corpus fund sufficient to generate the money in the form of interest out of the deposits to launch the programme more effectively. The college has announced in the website through a portal of alumni members and opening a gate for interested alumni to donate generously for the cause of students under the programme.

II Foundations to Frontiers

Objectives of the Practice:

The college has a large pool of researchers who are also teachers, in all the science subjects. It is but natural that all the faculty members who are into research, try to motivate the talented students to take up research careers in science subjects of their choice. One such program is Foundations to Frontiers run under the aegis of the Placement Cell of the college. The objective of the program is to inspire the talented students to opt for research career in any subject of their choice in general and Physics in particular. This program aims to motivate students to engage in deeper learning and succeed in their endeavor by reinforcing their self-confidence. Even a small shift in students' attitude could spark a chain reaction of enhanced academic performance and heightened confidence that builds upon itself and endures over time. However, the reality is that conventional learning is often neither interesting nor meaningful immediately. It's hard for students to understand why doing mathematics for example, really matters. One of the aims of the programme is to convince the students that such work is the key in building basic skills and knowledge they'll need for a successful future.

Context:

A majority of our students come from rural areas where most often they had not been trained in well-equipped laboratories and taught by qualified teachers. Even though they are talented, they lack the technical skills and are extremely ignorant about the research opportunities in the institutes, central universities, IITs and other premier institutions of higher learning. They are not aware of the summer fellowship programmes offered by Indian Academy of Sciences and other premier research institutes. They need to be trained to appear for the various entrance tests like IIT JAM, JEST, CFTRI etc. Also, formation of a group of like-minded students helps them in sharing their knowledge and establishing a strong bond.

Practice:

At the beginning of each semester a notice is put up inviting students interested in pursuing higher education to register for the programme. Wide publicity is given by announcing in the classrooms also. Thus a group of dedicated students is formed whose aim is to help each other in realizing their dreams. They are assisted in finding and contacting mentors. In case of students who are interested in Physics, the group meets every Saturday to discuss topics of interest. Depending on the requirements, the Saturday sessions may turn out to be problem solving sessions or discussion about some interesting area of research like the discovery of Higgs bosons. Many a time, the participants come forward to give seminars on topics of their choice.

The Physics group also gets opportunity to interact with many academicians from places outside Mysore when they visit during their

annual vacation. Some of the eminent physicists who interact with our students regularly are:

1. Prof. Ravi Prakash Rau,
Dept of Physics and Astronomy, Louisiana State University,
Baton Rouge, USA
2. Prof. V Ravishankar
Dept of Physics, IIT, Delhi
3. Dr. Rajagopal A K
Retired Scientist, Naval Research Laboratory, Washington D.C.
USA
4. Dr. Rathna Naik
Department of Physics, Wayne State University, Detroit, USA
5. Prof. Vaman Naik
Department of Physics, University of Michigan, USA
6. Prof. Gautham Menon
Dept of Physics, Institute of Mathematical Sciences, Chennai

These sessions are held in collaboration with the DOS in Physics, Manasagangothri, Mysore.

Students are encouraged to apply for summer research fellowships offered by Indian Academy of Sciences, Bengaluru and other Institutes of higher learning. Guidance to write the required project proposal is also given.

Towards the end of the semester, students of final year B Sc are given information to apply for the various entrance exams conducted by Research Institutes, Central Universities and other institutions of higher learning. An exhaustive list of institutions, dates of the entrance exams and other details already exists – thanks to one of the old students who was benefited by this programme.

Students are also encouraged to attend seminars, conferences, workshops frequently conducted by DOS in Physics, University of Mysore and other colleges. Many of our students have also taken part in the refresher courses conducted by Indian Academy of Sciences. List of those programmes are:

- State Level Astronomy Program, Karnataka State Council for Science and Technology, University of Mysore, Mysore, 29-30 Jan 2010.
- Three-day workshop on Diffraction and Scattering, IAS, INSA, NAS, DOS in Physics, University of Mysore, Mysore, 26-28 Feb 2010.
- Statistical Mechanics in Biological Systems, DRS SAP Programme, DOS in Physics, University of Mysore, Mysore, 31st March 2010.
- Lecture programme on Astrophysics, conducted by Indian Academy of Sciences, 2-4th Sept, 2011.
- Three day Seminar on some aspects of Physics and Astrophysics sponsored by Karnataka Science and Technology Academy (KSTA) November 3-5, 2011, DoS in Physics, University of Mysore.
- Lecture on “An invitation to Quantum Computation” Lecture given by Dr. V. Ravishankar, Indian Institute of Technology, Kanpur April 26, 2011 DOS in Physics, MGM
- Lecture on “Generalized Duetsch Algorithms” Lecture given by Dr. V. Ravishankar, Indian Institute of Technology, Kanpur April 29, 2011

DOS in Physics, MGM

- Lecture on “Quantum Information” Lecture given by Prof Dr. A. Ravi. P. Rau, Louisiana State University, Baton, USA Dec 2011 DOS in Physics, MGM
- “Theoretical Physics Lectures” sponsored by The Indian Academy Of Sciences (Bangalore), Indian National Science Academy (New Delhi) and The National Academy Of Sciences, India (Allahabad) on 8th, 9th and 10th of November 2012, DOS in Physics, MGM.

Exceptionally bright students are encouraged to take up project work in collaboration with the scientists from other institutes and publish the results in the form of research papers.

In the **Natural Science and Applied Sciences departments** students are encouraged to apply for summer fellowship programme, refresher courses conducted by Indian Academy of Sciences and conferences and workshops conducted by other Institutes. They are also encouraged to do projects in topics of their choice.

Details of national level entrance exams for admission to post graduation and Integrated PhDs are put on the notice board at the appropriate time by the Placement cell of the college. A list of important notifications compiled by our students helps them to apply for admissions in time.

Batches of students are made and practical training is given to them. Experiments such as identification of medicinal plants and their uses are taught by taking the students to field trips and also medicinal plant garden.

Batches of students of Microbiology, Biotechnology and Environmental Sciences are taught skills of microbial analysis of water. Students of Microbiology are provided with spoiled food materials from market and they will be isolating the microbes responsible for spoilage. This hands on training helps them in their profession. Students of Microbiology, Molecular Biology, Biotechnology are given hands on training in serial dilution and plating of soil samples to know the microbial load of soil which enables them to understand the fertility level of soil. Blood group testing training is given to students of Microbiology, Molecular Biology, Biochemistry and Biotechnology. Professional skills are imparted to students of Earth Science (Geology) through training of surveying and remote sensing methods. Students of Food and Nutrition are taught how to prepare nutritious food and to calculate food nutrient value which is directly applicable in their research career and profession.

Postgraduate students of Molecular Biology students are encouraged to apply themselves to various institutes and contact different Professors of eminence for their with semester project work.

Chemistry students are trained in different experiments which trains them for both research and for their profession e.g., experiments involved in extraction of biomolecules from various plant sources are taught to batches

of students which is directly useful in research and also in their career in industries employing them.

It is a matter of great pride to us that all the students who have secured admission to some of the prestigious institutions continue to guide the new members of the group in both academic matters and other issues.

Evidence of success : Many of our students have attended the summer research programs by IAS, and every year many of our students get admitted to MSc programme in various universities. A few of our students have been selected by IISER (Pune), IISER (Trivandrum), NIITK (Suratkal), University of Mysore etc.

95% of M.Sc. Molecular Biology students are pursuing their career in research. Many have qualified in the competitive examinations conducted by reputed research institutes of our country, interviews, UGC-CSIR entrance examinations, ICMR examinations, GATE etc. and joined Ph.D programmes. Some students have entered Indian Institute of Technology (IIT) for their research programme. Few are doing Ph.D in foreign countries such as Japan, Finland, Spain and South Korea. Some of them are employed both in industries in India and abroad (Metagenomics, USA).

Some of the students who are pursuing career in Physics are :

Nimish Dwarakanath

Secured 11 rank in the all India entrance test for IITs, JAM, and admitted to MSc (Physics) in IIT (Kanpur) in 2013

Subramanya Hegde – Research Scholar in IISER (Trivendrum)

- Qualified in *JEST 2012* – Rank 518
- Qualified in *JEST 2013* – Rank 70(Integrated PhD)
- Qualified in *CSIR UGC NET for Junior Research Fellowship*, June 2013 – Rank 70(CSIR JRF)
- *JNCASR Summer Research Fellow* under Prof.G.U.Kulkarni, CPMU, Jawaharlal Nehru Center for Advanced Scientific Research, Jakkur, June-August 2011
- Participant and presented a poster on “Discrete Hilbert space and The quantum measurement problem” at *International School and Conference on Quantum Information Processing and Applications*, HRI, Allahabad(QIPA-11)
- *Visiting Student at Raman Research Institute*, Bangalore(RRI) under R Srikanth (LAMP group) August 2011- February 2012
- Presented a paper(talk) on “Symmetric 2 Qubit gates” in *Karnataka Science Congress(2011)* , held by SVAK, DST at Gubarga University, Gubarga
- Participant at *International Workshop on Quantum Information (IWQI-2012)* at HRI, Allahabad from Feb 20th -26th 2012
- *Science Academies’ Summer Research Fellow* under Prof Indrani Bose, Bose Institute, Kolkata from June-August 2012

- Participant at *International Conference on Quantum Information and Quantum Computation* held at Indian Institute of Science, Bangalore, January 2012

Projects:

1. “*Efficiency of Deutsch-Jozsa algorithm on approximation of Gates*” with Dr R Srikanth, PPISR and RRI in 2009-10
2. “*Symmetric two qubit gates*” with Dr Swarnamala Sirsi and Veena Adiga (Published as a research paper in PRAMANA Vol. 83, No. 2 August 2014, pp. 279–28)
3. “*Au islands on PET sheets*” under Prof. G. U. Kularni, at JNCASR June-August 2011
4. “*Role of complexity in Quantum computational speed-up*” with Dr R Srikanth at Raman Research Institute
5. “*Gene expression: Deterministic, stochastic and information theory aspects*” under Prof Indrani Bose, Bose Institute, Kolkata June-August 2012

Sanjay A

Selected for Integrated PhD program in Physics at IISER (Pune) in 2012

Rajeev N – Project Assistant in Centre for High Energy Physics, Indian Institute of Science, Bengaluru

Passed All India entrance exam and was admitted to MSc (Physics) in NIIT(K), Suratkal in 2012.

Sandeepa N

Passed All India entrance exam and admitted to MSc (Physics) in NIIT(K), Suratkal in 2013

Mahesh Kumar M

Admitted to M Sc (Physics) program at DOS in Physics, UOM, in 2012

Problems encountered: The greatest problem is absenteeism. It is difficult to convince the students to be regular to reap full benefits of the programme.



**University of Mysore
Yuvaraja's College**



**(Constituent Autonomous College with Potential for Excellence)
Mysore, Karnataka**

Self-Study Report

(3rd Cycle)

Submitted to

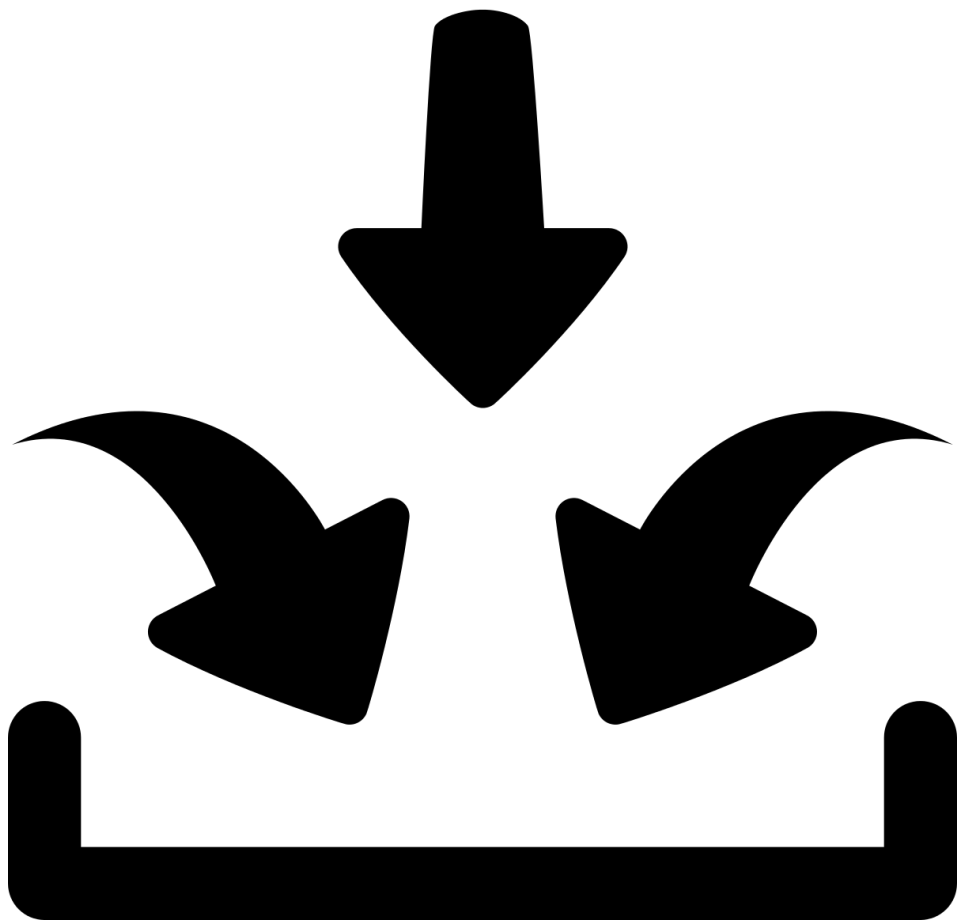
**National Assessment and
Accreditation Council (NAAC)**

Bangalore- 560072 Karnataka, India

Volume 2 of 2

March 2015

Departmental Inputs



DEPARTMENTAL INPUT

1.	Name of the Department and its year of establishment	Department of Biochemistry 1980 Independent department-2000
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	UG programme PhD programme
3.	Interdisciplinary courses and departments involved	
	Courses 1. Biomolecules, enzymology, metabolism, molecular biology } 2. Biomolecules, enzymology, metabolism, molecular biology and biochemical techniques } 3. Lipids and health	Departments Biotechnology 5 year Integrated Molecular biology M.Sc Chemistry Open elective
4.	Annual / Semester / Choice based credit system	Semester
5.	Participation of the department in the courses offered by other departments	Teaching, Participation in BOS and BOE Five year integrated M Sc Molecular biology
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)	
		Sanctioned
		Filled
	Professors	--
	Associate Professors	01
	Assistant Professors	02
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)	

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr. A C Sharada	M.Sc., Ph.D	Associate Professor & Head	Evaluation of medicinal plant extracts, active components and synthetic molecules for anticancer, anti angiogenesis and other biological activities	26	Awarded:02 Submitted:02

Self Study Report (3rd Cycle)

Smt Aiysha Firdouse	M.Sc.,M. Phil	Assistant Professor	Enzymology	Temporary-18 Permanent-07	
Dr.J Rajesha	M.Sc., Ph.D	Assistant Professor	Lipid - biochemistry	15	Awarded: 01

8.	Percentage of classes taken by temporary faculty- programme-wise information	50%															
9.	Programme-wise Student Teacher Ratio	40:1															
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	Nil															
11.	Number of faculty with ongoing projects from a) national, b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.	No. of faculties with national projects=02 UGC Rs 13,78,800 8,99,800/-(Ongoing) 4,79,000/- (Yet to be released). UGC Rs 2,00,000 (Yet to be released).															
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	DST Rs 17,25,200 Rs. 9,28,800/-(Ongoing) Rs. 4,10,800/- Rs. 3,85,600/- (Yet to be released).															
13.	Research facility / centre with																
	• State recognition																
	• National recognition																
	• International recognition																
14.	Publications:																
	• Number of papers published in peer reviewed journals (national/international)	<table border="1"> <thead> <tr> <th></th> <th>2010-11</th> <th>2011-12</th> <th>2012-13</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>Nat</td> <td>02</td> <td>03</td> <td>-</td> <td>01</td> </tr> <tr> <td>Int</td> <td>02</td> <td>01</td> <td>03</td> <td>-</td> </tr> </tbody> </table>		2010-11	2011-12	2012-13	2013-14	Nat	02	03	-	01	Int	02	01	03	-
	2010-11	2011-12	2012-13	2013-14													
Nat	02	03	-	01													
Int	02	01	03	-													
	• Monographs	---															
	• Chapter(s) in Books	---															
	• Editing Books	----															
	• Books with ISBN numbers with details of publishers	----															

Self Study Report (3rd Cycle)

	<ul style="list-style-type: none"> Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.) 	10
	<ul style="list-style-type: none"> Citation Index – range / average 	4 to 111/ average 4
	<ul style="list-style-type: none"> SNIP 	
	<ul style="list-style-type: none"> SJR 	
	<ul style="list-style-type: none"> Impact factor – range / average 	0.5 to 5.1
	<ul style="list-style-type: none"> h-index 	Dr. Sharada A C 11, Dr. J Rajesh 06 Mrs Aiysha firdouse 01
15.	Details of patents and income generated	-----
16.	Areas of consultancy and income generated	-----
17.	Faculty recharging strategies	Participating in Refresher Courses, Seminars and Workshops organised by the Academic Staff College and other Colleges in the State. Interacting with DoS in Biotechnology, JCE
18.	Student projects:	
	<ul style="list-style-type: none"> Percentage of students who have done in-house projects including inter-departmental 	-
	<ul style="list-style-type: none"> Percentage of students doing projects in collaboration with industries/institutes 	-
19.	Awards/recognitions received at the national and international level by	
	<ul style="list-style-type: none"> Faculty 	
	<ul style="list-style-type: none"> Doctoral / post-doctoral fellows 	Doctoral students of Dr. Sharada AC 1. Dr.Chandru, PDF (Canada)2010 2. Dr. Veena T H, PDF (Sweden)2012 3. Deepti Lokanath SRF 2014
	<ul style="list-style-type: none"> Students 	-
20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	-
21.	Student profile course-wise:	

Self Study Report (3rd Cycle)

Name of the Course (refer question no. 2)	Applica tionrece ived	Selected		Pass percentage*		
		Male	Female	Semester/Year		Total
B.Sc				I, Odd	Nov 2012	56.79
I B.Sc 2013-14				III	Nov 2012	85.48
BBM	40	12	21	V	Nov 2012	93.41
BMBt	30	11	07	II	May 2013	83.33
BBZ	30	12	07	IV	May 2013	93.22
BZF	12	06	05	VI	May 2013	96.39
II B.Sc 2013-14				I, Odd	Nov 2013	62.5
BBM	40	20	10	III	Nov 2013	78.08
BMBt	30	10	17	V	Nov 2013	79.37
BBZ	30	22	06	II Even	May 2014	76.84
BZF	12	03	08	IV	May 2014	83.87
III B.Sc 2013-14				VI	May 2014	98.25
BBM	40	16	09			
BMBt	30	08	09			
BBZ	30	14	03			
BZF	12	03	03			
2. Ph.D		04	02			

22. Diversity of Students:

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
B.Sc Biochemistry	Nil	96	4	Nil
Ph.D	49.3	33.33	Nil	16.66

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	NET= 15 SLET=20 GATE=5 KAS=01
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	75%
PG to M.Phil.	10%
PG to Ph.D.	30%
Ph.D. to Post-Doctoral	70%
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	75%

Self Study Report (3rd Cycle)

• Entrepreneurs	-
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25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	100%l
From other Universities within the State	Nil
From other Universities from other States	Nil

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	-
27.	Present details about infrastructural facilities	
	a) Library	No departmental library-
	b) Internet facilities for staff and students	Available for staff
	c) Total number of classrooms	01
	d) Classrooms with ICT facility	01
	e) Students' laboratories	02
	f) Research laboratories	-

28.	Number of students of the Department getting financial assistance from College	
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	Nil

30.	Does the department obtain feedback from	
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	The issues will be discussed in staff Council meetings of the department and necessary modifications will be implemented.
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	Yes. The evaluation is done by the IQAC The department takes steps to resolve if any issues arise for the benefit of the students
c)	Alumni and employers on the programmes and what is the response of the department to the same?	Yes. Alumni visit the department and interact with students and faculty.

31.	<p>List the distinguished alumni of the department (maximum 10)</p> <p>Name and Position</p> <ol style="list-style-type: none"> 1. Dr.Yogisha, Director & Founder, Skanda Lifesciences Private limited, Bangalore. 2. Dr. Shivaprasad H V, PDF, USA. 3. Dr. Sajida Niketha, Assistant Professor, Department of Biochemistry GSC, Bangalore. 4. Dr.Nagaraj, Assistant Professor, Department of Biochemistry, PG centre, Tumkur 5. Sharath Chandra S P, Assistant Professor, Department of Biochemistry, GSC, Hassan.University. 6. Dr. Nanda B L, Assistant Professor, Department of Biochemistry, GSW, Mysore 7. Dr. Naveen Scientist, DFRL, Mysore. 8. Dr. Yariswamy, PDF, USA 9. Dr. Pramod, Assistant Professor, Department of Biochemistry, PG centre, Kuvempu University. 10. Dr. Nanjundaswamy, Associate professor, Department of Biotechnology, JCE, Mysore
32.	<p>Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts.</p> <p>Nil</p>
33.	<p>List the teaching methods adopted by the faculty for different programmes.</p> <ol style="list-style-type: none"> i. E- class-rooms are used for teaching. ii. The department has well equipped laboratories which are used regularly to conduct practical classes along with demonstrations of experiments using charts and models to enhance practical skills and the students. iii. An educational tour will be arranged and students are allowed to visit various scientific and research institutes. The visits will be highly informative and gives knowldege related to research and development in the area of Biochemistry and other related subjects and tour report must be submitted for evaluation. iv. Student’s seminars are conducted to increase their subject knowledge and communication skills
34.	<p>How does the department ensure that programme objectives are constantly met and learning outcomes monitored?</p> <p>Monitored by</p> <ol style="list-style-type: none"> 1. Staff committee meeting 2. University of Mysore review committee and accreditation committee
35.	<p>Highlight the participation of students and faculty in extension activities.</p> <p>Participate in activities conducted by DOS in Biochemistry, Manasagangotri, UOM and visit to other scientific</p>

Self Study Report (3rd Cycle)

		Institutes
36.	Give details of “beyond syllabus scholarly activities” of the department.	Research programmes
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	Nil
38.	Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department	

	<u>Strengths:</u>	
S ₁	Active research by faculty	
S ₂	Encouragement for students to participate in Science Exhibitions, Quiz and Debate etc	
S ₃	Good Cooperation of DOS in Biochemistry, Manasagangotri, Mysore	
S ₄	Good Interpersonal relationship	
	<u>Challenges:</u>	
C ₁	It is a challenge for the teachers to increase learning outcomes of the students as most of the students are from rural background.	
C ₂	Improving employability of graduates.	
C ₃	Up gradation of the department.	
C ₄	The Department requires the full complement of permanent and guest faculty.	

39.	Future plans of the department	
	<ul style="list-style-type: none"> • To take up minor/major projects in future. • To conduct seminars and workshops. • To start PG course in Biochemistry. 	

Self Study Report (3rd Cycle)

1.	Name of the Department and its year of establishment	Department of Biotechnology Established in 2005
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	UG & Ph.D.,
3.	Interdisciplinary courses and departments involved	Botany, Biochemistry, Chemistry, Microbiology, Food & Nutrition, Geology, Sericulture and Zoology
4.	Annual / Semester / Choice based credit system	Semester
5.	Participation of the department in the courses offered by other departments	Full participation
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)---Office file----	
		Sanctioned
		Filled
	Professors	
	Associate Professors	01
	Assistant Professors	
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)	

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr. Chandavar. Vidya. R	M. Sc., Ph.D	Associate Professor & HOD Dept of Biotechnology	Endocrinology	19 years	03 pursuing research

8.	Percentage of classes taken by temporary faculty- programme-wise information	80%
9.	Programme-wise Student Teacher Ratio	
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	No technical & administrative staff
11.	Number of faculty with ongoing projects from a) national, b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.	01 National 92.31 L

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12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	DBT (SERB); DST (EMEQ)
13.	Research facility / centre with	---
	• State recognition	----
	• National recognition	----
	• International recognition	-----
14.	Publications:	15
	• Number of papers published in peer reviewed journals (national/international)	06
	• Monographs	---
	• Chapter(s) in Books	01
	• Editing Books	----
	• Books with ISBN numbers with details of publishers	----
	• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)	---
	• Citation Index – range / average	--
	• SNIP	----
	• SJR	----
	• Impact factor – range / average	6
	• h-index	
15.	Details of patents and income generated	Nil
16.	Areas of consultancy and income generated	Nil
17.	Faculty recharging strategies	Nil
18.	Student projects:	
	• Percentage of students who have done in-house projects including inter-departmental	No
	• Percentage of students doing projects in collaboration with industries/institutes	It is included in the curriculum of V semester of B.Sc.
19.	Awards/recognitions received at the national and international level by	Nil
	• Faculty	
	• Doctoral / post-doctoral fellows	Nil
	• Students	Nil

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20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	Nil
21.	Student profile course-wise:	

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage*	
		Male	Female	Male	Female

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	Many have qualified in the Civil Services/NET/SLET/Competitive exam. Data has not been maintained in the department.
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	60-70%
PG to M.Phil.	--data is not available-
PG to Ph.D.	-- data is not available-
Ph.D. to Post-Doctoral	-- data is not available-
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	-- data is not available-
Entrepreneurs	-- data is not available-

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	100%
From other Universities within the State	University of Mysore
From other Universities from other States	Bangalore University
	Nil

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	01
27.	Present details about infrastructural facilities	
	a) Library	No
	b) Internet facilities for staff and students	Yes
	c) Total number of classrooms	01
	d) Classrooms with ICT facility	01 in the same class room of mentioned above

Self Study Report (3rd Cycle)

	e) Students' laboratories	02
	f) Research laboratories	Not encouraged
28.	Number of students of the Department getting financial assistance from College	Nil
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	Syllabus review by BOS committee
30.	Does the department obtain feedback from	Yes. Overall feedback is taken by IQAC.
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	----
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	-----
c)	Alumni and employers on the programmes and what is the response of the department to the same?	-----
31.	List the distinguished alumni of the department (maximum 10)	-----
32.	Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts. Students visit different industries as part of the curriculum. Workshops, Seminars held at College level	
33.	List the teaching methods adopted by the faculty for different programmes.	Use LCD in E-class room
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	Internal assessment Teacher- student interaction
35.	Highlight the participation of students and faculty in extension activities.	Extension activities conducted at College level
36.	Give details of "beyond syllabus scholarly activities" of the department.	Students take up research work during vacation in institutions like IISc, Mysore Zoo
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	NO- it is not possible in the present set-up of the college.
38.	Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department	
	<u>Strengths:</u>	
S ₁	Highly competent faculty with two ongoing projects worth Rs. 84 lakhs from DST	
S ₂	Good interaction between Student & teacher.	
S ₃	Harmony in the department.	
	<u>Weaknesses:</u>	
W ₁	No permanent faculty in the department	
W ₂	Appointment of HOD is from sister departments.	

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W₃	80% of teaching by guest faculty	
	<u>Opportunities:</u>	
O₁	Opportunities are wide open for research	
O₂	Willing to start new PG course related to Animal Biotechnology	
39.	Future plans of the department	To start PG course in “Animal Biotechnology”.

Self Study Report (3rd Cycle)

1.	Name of the Department and its year of establishment	Department of Botany 1928	
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	UG, PG and Ph.D.	
3.	Interdisciplinary courses and departments involved	Molecular Biology and Biotechnology	
4.	Annual / Semester / Choice based credit system	Semester Choice based credit system	
5.	Participation of the department in the courses offered by other departments	Molecular Biology and Biotechnology	
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)		
	Sanctioned		Filled
	Professors		
	Associate Professors	09	02
	Assistant Professors		03
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)		

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr.M.K. Mahesh	M.Sc., Ph.D	Associate Professor	Plant Physiology and Ecology	21 years	Awarded - 2
G.krishna Murthy	M.Sc. M.Phil	Associate Professor	Angiosperm morphology, morphogenesis tissue culture and seed technology	19 years	Nil
Dr. K. Krishna	M.Sc., Ph.D	Assistant Professor	Microbiology , Aerobiology and Plant pathology	23 years	Nil

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Smt. K.A Sharvani	M.Sc. M.Phil	Assistant Professor	Microbiology, Aerobiology, Biodiversity and Conservation	25years	Nil
Dr.Sowmya.R	M.Sc. M.Phil Ph.D	Assistant Professor	Plant pathology and plant tissue culture	17 years	Nil

8.	Percentage of classes taken by temporary faculty- programme-wise information	B.Sc.: 80% M.Sc., 30%
9.	Programme-wise Student Teacher Ratio	B.Sc. 50% and M.Sc.,: 76.5%
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	Nil
11.	<p>Number of faculty with ongoing projects from a) national, b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. –National: Rs.12, 14,000 UGC, New Delhi. UGC major research Project Sanctioned to Dr.M.K.Mahesh, Associate Professor, Department of Botany, Yuvaraja’s college. Mysore. Title: “Biodiversity of Major Fresh Water Wet lands of Mysore and Its Conservation for Sustainable Economic Development”</p>	
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	Not applicable
13.	Research facility / centre with	Nil
	• State recognition	
	• National recognition	
	• International recognition	
14.	Publications:	
	• Number of papers published in peer reviewed journals (national/ international)	03 +13 International
	• Monographs	
	• Chapter(s) in Books	
	• Editing Books	
	• Books with ISBN numbers with details of publishers	
	• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social	

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	Sciences Directory, EBSCO host, etc.)	
	• Citation Index – range / average	
	• SNIP	
	• SJR	
	• Impact factor – range / average	
	• h-index	04

15.	Details of patents and income generated	-----
16.	Areas of consultancy and income generated	-----
17.	Faculty recharging strategies Faculty have attended UGC sponsored refresher course conducted by UGC Academic staff college, University of Mysore, Mysore. Dr. K.Krishna (Refresher course) From 03-09-2010 to 23-09-2010-RC; From 25-01-2014 to 14-02-2014 From 02-12-2014 to 22-12-2014-RC Dr. R. Sowmya From 03-09-2010 to 23-09-2010-RC; From 25-01-2014 to 14-02-2014	
18.	Student projects:	-----
	• Percentage of students who have done in-house projects including inter-departmental	-----
	• Percentage of students doing projects in collaboration with industries/institutes	-----

19.	Awards/recognitions received at the national and international level by	Nil
	• Faculty	
	• Doctoral / post-doctoral fellows	
	• Students	

20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	Nil
21.	Student profile course-wise:	

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage*	
		Male	Female	Male	Female
B.Sc.,					
2010-2011	1055	481	171	Details given below	
2011-2012	855	430	117		
2012-2013	725	353	108		
2013-2014	1105	548	217		
M.Sc., 2014-2015	141	Nil	15		

Botany Department – Semester /year wise results- Pass percentage

Year	I Sem	II Sem	III Sem	IV Sem	V Sem	VI Sem
2007-Nov /Dec	71.21		86.52		94.57	
2008-Apr / May		86.44		89.87		97.6
2008-Nov /Dec	75.56		83.02		93.98	
2009-May / Jun		89.74		100		97.53
2009-Nov / Dec	86.76		87.5		90.57	
2010-May / Jun		87.22		88		85.42
2010-Nov /Dec	88.95		88.72		92	
2011-May / Jun		86.96		87.97		91.03
2011-Nov /Dec	77.1		86.08		90.55	
2012-May / Jun		77.86		94.23		92.06
2012-Nov /Dec	77.52		72.27		90.85	
2013-May / Jun		88.98		88.79		94.04
2013-Nov /Dec	74.02		80.99		85.22	
2014-Apr / May		76.88		86.78		87.96
2014-Nov /Dec	80.56		76.1		88.24	

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
B.Sc., 2011-2012	Nil	*	*	*
2012-2013	Nil	*	*	*
2013-2014	Nil	*	*	*
2014-2015	Nil	*	1.5% (11Students)	*
P.G. M.Sc., 2014-2015	Nil	*	*	*

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	No systematic record has been maintained but many of the students have qualified in the said competitive exams.
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	2010-2011- 62% (approximate) 2011-2012- 75% (approximate) 2012-2013- 64% (approximate) 2013-2014- 72% (approximate)
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	90%
From other Universities within the State	10%
From other Universities from other States	Nil

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	Nil
27.	Present details about infrastructural facilities	
	a) Library	942 books available for reference to Teachers and students (own departmental library)
	b) Internet facilities for staff and students	Yes
	c) Total number of classrooms	One
	d) Classrooms with ICT facility	Yes - 04
	e) Students' laboratories	02
	f) Research laboratories	02
28.	Number of students of the Department getting financial assistance from College	No
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	-----

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30.	Does the department obtain feedback from	Yes
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Yes. Uses the information while formulating the syllabus for the UG and PG Programmes every 3 years. Uses the information to reach out better to the students.
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	The evaluation is done by the IQAC and their suggestion are suitably implemented.
c)	Alumni and employers on the programmes and what is the response of the department to the same?	Feasible suggestions are implemented.

31.	List the distinguished alumni of the department	
	Name	Current Position
	Sri Siddaramaiah	The Chief Minister of Karnataka
	Sri. S.M. Krishna	The former Chief Minister of Karnataka
	Lokesh M.K. IFS	Ambassador of India In Switzerland
	Sri. Ashokananda IAS	Director Advocacy, Karnataka Health Promotion Trust, Bengaluru
	Sri. B. Somashekar	MLA, Mysore
	Prof. Nagaraju,	Former Vice Chancellor, Gulburga University, Gulburga, Karnataka.
	Sri. P. Shankar, IFS,	Conservator of Forest, Karnataka.
	Sri. Vinaya Kumar IFS, Dr. Govindgowda HOD,	Conservator of Forest, Karnataka. ENT, KR Hospital, Mysore, Karnataka

32.	Give details of student enrichment programmes(special lectures / workshops / seminar) with external experts. Special lecture on Biodiversity by Prof. Sadananda and Prof. Sudheer Shetty on Jatropa
33.	List the teaching methods adopted by the faculty for different programmes 1. E- class-rooms are used for teaching 2. Traditional methods

34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	<ol style="list-style-type: none"> 1. Internal Assessment 2. Classroom discussion sessions 3. Feedback from faculty 4. Feedback from students 5. Department council meeting to take stock of the classes taken, syllabus completed and any problems faced by
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		the faculty.
35.	Highlight the participation of students and faculty in extension activities.	
	<ol style="list-style-type: none"> 1. Extension activities are conducted at the college level 2. NSS 3. Faculty and Students are engaged in Botanical Society activities 4. Sapling planting 5. Students participated in various science exhibitions and competitions 	

36.	Give details of “ beyond syllabus scholarly activities ” of the department.	<ol style="list-style-type: none"> 1. Classroom discussions on current topics. 2. Debates conducted in the classroom on general topics. 3. Student participation in intercollegiate extra-curricular activities, seminars, workshops etc. 3. Faculty participation in seminars/workshops/conferences etc.
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	No

38.	Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department	
	Strengths	
S ₁	Well-qualified and dedicated teaching faculty.	
S ₂	Three permanent faculty and one Guest faculty have doctorate degrees and are research guides.	
S ₃	Of 11 guest lecturers, 5 have M.Phil. Degrees, 6 are currently working for Ph.D. degrees and 4 have qualified in SLET.	
S ₄	Good Interpersonal relationship among faculty members in the department. Skilled faculty	
S ₅	Informal teacher- students relationship	
S ₆	A large number of papers published in various national and international	
S ₇	journals. Self motivated and determined.	
S ₈	Good co-ordination and co-operation/team work.	
S ₉	Good students faculty interaction and Faculty have also involved in	
S ₁₀	counseling.	
	Weaknesses:-	
W ₁	In the department there are 8 approved permanent posts. Due to the retirement of senior teachers, presently there are only 5 permanent teachers, remaining three have to be appointed.	
W ₂	Shortage of theory and practical classrooms is a major problem. The maximum strength in some classes is nearly 130. It severely jeopardizes	
W ₃	effective teaching.	

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W₄	Shortages of attenders and technical staff / clerical staff in the department.	
W₅	Lack of proper wash rooms.	
	<u>Opportunities:-</u>	
O₁	Improving quality productivity	
O₂	Creating workforce	
O₃	Improving ethical behaviour	
	<u>Challenges:-</u>	
	C1: Starting of Short term courses in Horticulture, Floriculture	
	C2: Guiding some students towards research oriented programmes.	
39	Future plans of the department	The department plans <ol style="list-style-type: none"> 1. To take up minor/major projects in future. 2. to conduct seminars and workshops 3. Giving short term projects to the students.

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1.	Name of the Department and its year of establishment	Department of Chemistry, 1928
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	UG, PG and Ph.D.,
3.	Interdisciplinary courses and departments involved	PG – Biochemistry, Food Science and Sericulture
4.	Annual / Semester / Choice based credit system	Semester / Choice based credit system
5.	Participation of the department in the courses offered by other departments	Molecular Biology

6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)	
	Sanctioned	Filled
	Professors	-
	Associate Professors	06
	Assistant Professors	06

7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)	
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Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr.Ajay Kumar K	M.Sc., Ph.D	Associate Professor	Organic Chemistry	21	04
Dr.Asha Iyengar T	M.Sc., Ph.D	Associate Professor	Physical Chemistry	22	03
Dr.B.M. Venkatesh	M.Sc., Ph.D	Associate Professor	Physical Chemistry	22	02
Dr.K.B. Umesha	M.Sc., Ph.D	Associate Professor	Organic Chemistry	21	02
Dr.Shaukath Ara Khanum	M.Sc., Ph.D	Assistant Professor	Organic Chemistry	24	03
Dr.B.S. Sudha	M.Sc., Ph.D	Assistant Professor	Organic Chemistry	24	-
Dr.D.G. Bhadregowda	M.Sc., Ph.D	Associate Professor	Inorganic Chemistry	15	02
Dr. Bibi Ahmadi Khatoon	M.Sc., M.Ed., Ph.D.	Associate Professor	Analytical Chemistry	20	03
Dr.P.G. Chandrashekar	M.Sc., Ph.D	Assistant Professor	Inorganic Chemistry	21	03

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Sri.H.P. Jayadevappa	M.Sc.	Assistant Professor	Physical Chemistry	20	-
Dr.M.N. Kumar	M.Sc., Ph.D	Assistant Professor	Physical Chemistry	08	05
Dr.Devaraju	M.Sc., Ph.D	Assistant Professor	Organic Chemistry	08	04

8.	Percentage of classes taken by temporary faculty- programme-wise information	PG-25% 35%	UG-
9.	Programme-wise Student Teacher Ratio	PG-6:1 5:1	UG-
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	02 Lab Assistants 01 Clerk	

11. Number of faculty with ongoing projects from

Sl. No.	Title of the Project	Name of Principal Investigator	Funding Agency	Amount sanctioned
1	Synthesis, characterization of coumarin based heterocycles and their efficacy as anti- microbial and antioxidant agents	Dr.Ajay Kumar K	UGC	9,44,300=00
2	Design synthesis and evaluation of benzoxazole and triazole analogues as xanthine oxidase inhibitors	Dr. Shaukath Ara Khanum	Vision Group Of Science And Technology, Bangalore	30,000,00=00
3	Synthesis and biological evaluation of some novel thiophene, oxazoline and quinoline derivatives	Dr. B.S. Sudha	UGC	2,00,000=00
4	Efficient and convenient synthesis of pyrazole and benzimidazole derivatives : biological studies.	Dr.D.G.Bhadregowda	UGC	11,25,800=00

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5	Synthesis and Biological Studies of Some Amino Acids containing new Imidazole Derivatives	Dr.P.G.Chandrashekar	UGC	1,95,000=00
6	Synthesis and Mechanistic Investigation of Benzimidazole and Benzothiozole derivatives	Dr.M.N.Kumara	UGC	7,15,000=00
7	Synthetic study of aryl tetraline analogs and their biological evaluation	Dr.Devaraju	UGC	2,00,000=00

12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	UGC and VGST
13.	Research facility / centre with	-
	• State recognition	
	• National recognition	
	• International recognition	

14.	Publications:					
	• Number of papers published in peer reviewed journals (national/international)		2010-11	2011-12	2012-13	2013-14
		Nat	03	18	22	20
		Int	21	14	31	33
	• Monographs	-				
	• Chapter(s) in Books	-				
	• Editing Books	-				
	• Books with ISBN numbers with details of publishers	-				
	• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International	-				

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	Social Sciences Directory, EBSCO host, etc.)													
	• Citation Index – range / average	434												
	• SNIP	-												
	• SJR	-												
	• Impact factor – range / average	2-3.5												
	• h-index	02 -13												
15.	Details of patents and income generated	-												
16.	Areas of consultancy and income generated	-												
17.	Faculty recharging strategies	Refresher Course / Workshops / Seminar / Conferences												
18.	Student projects:													
	<table border="1" style="width: 100%;"> <thead> <tr> <th>Sl. No.</th> <th>Name of the Student</th> <th>Title</th> <th>Sponsor</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Kamran Wasim and Bharath</td> <td>Synthesis of Coumarin Analogues as Neuroprotectants in <i>Drosophila melanogaster</i></td> <td>VGST:SPiCE</td> </tr> <tr> <td>2</td> <td>Kumar C N</td> <td>Magnetic nanoparticles as biosensors for health and environmental study</td> <td>VGST</td> </tr> </tbody> </table>	Sl. No.	Name of the Student	Title	Sponsor	1	Kamran Wasim and Bharath	Synthesis of Coumarin Analogues as Neuroprotectants in <i>Drosophila melanogaster</i>	VGST:SPiCE	2	Kumar C N	Magnetic nanoparticles as biosensors for health and environmental study	VGST	
Sl. No.	Name of the Student	Title	Sponsor											
1	Kamran Wasim and Bharath	Synthesis of Coumarin Analogues as Neuroprotectants in <i>Drosophila melanogaster</i>	VGST:SPiCE											
2	Kumar C N	Magnetic nanoparticles as biosensors for health and environmental study	VGST											

	• Percentage of students who have done in-house projects including inter-departmental	33%
	• Percentage of students doing projects in collaboration with industries/institutes	66%
19.	Awards/recognitions received at the national and international level by	Vision Groups of Science and Technology
	• Faculty	
	• Doctoral/post-doctoral fellows	-
	• Students	-
20.	Seminars/Conferences/Workshops organized and the source of	-

Self Study Report (3rd Cycle)

	funding (national/international) with details of outstanding participants, if any.	
21.	Student profile course-wise:	

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage*	
		Male	Female	Male	Female
B.Sc.,	12,000				
M.Sc.,	1,200	7,050	4,950	46%	50%

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
B.Sc	-	98	2	-
M.Sc	38.5	60	1	0.5
Ph.D	-	96	-	4

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	01
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	60%
PG to M.Phil.	5%
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	3%
• Other than campus recruitment	50%
Entrepreneurs	2%

25. Diversity of staff

Percentage of faculty who are graduates of the same University	100%
From other Universities within the State	-
From other Universities from other States	-

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	-
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Self Study Report (3rd Cycle)

27.	Present details about infrastructural facilities	
	a) Library	Department has a well-equipped library with about 250-300 books
	b) Internet facilities for staff and students	Yes
	c) Total number of classrooms	02
	d) Classrooms with ICT facility	01
	e) Students' laboratories	07
	f) Research laboratories	06
28.	Number of students of the Department getting financial assistance from College	-
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	-

30.	Does the department obtain feedback from	
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Yes – The department uses the information vide revising the syllabus for UG and PG Programmes from time to time.
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	Yes – Evaluation done by IQAC
c)	Alumni and employers on the programmes and what is the response of the department to the same?	-

31.	List the distinguished alumni of the department (maximum 10)		
	Sl. No.	Name	Current Position
	1	Dr.V.Prakash	Director, Centre of Management
	2	Sri Siddaramaiah	CM, Karnataka
	3	S.M.Krishna	Administrator, Congress Party
	4	Prof.J.Shashidhara Prasad	Ex VC, UOM
	5	Prof.N.M.Madegowda	Scientist, USA
	6	Prof.H.A.Ranganath	Ex NAAC Director
	7	Prof.J.Laxman Rao	Vignana Lekhakaru
	8	Dr.Ulavadi H Ramesh	Judge, High Court

Self Study Report (3rd Cycle)

	9	Prof.Thimmegowda	VC, Bangalore University
	10	Prof.Srikantan	Ex HOD, BARC

32.	Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts.	Special Lectures are conducted at regular intervals Science Exhibition organized
33.	List the teaching methods adopted by the faculty for different programmes.	Models and e-class rooms are used for teaching
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	Monthly faculty meeting and discussions Weekly Tutorials
35.	Highlight the participation of students and faculty in extension activities.	Extension activities conducted at the college level
36.	Give details of “beyond syllabus scholarly activities” of the department. 1. Class room discussions on current topics . 2. Seminars conducted in the class rooms on general topics pertaining to Chemistry subject.	
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	-

38	Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department Strength: S ₁ : Well qualified and dedicated faculty, teaching and non-teaching S ₂ : Progressive improvement in the number and infrastructure of research labs. S ₃ : Faculty collaboration with other universities and industries. S ₄ : Our Department has a remarkable collection of talents and almost all of our department faculty are doctorates. The Department provides intellectual climate to the students. S ₅ : The skills which gain in this programme will set apart in the employment.
	Weaknesses: W ₁ : Lack of number of permanent faculty W ₂ : Lack of number of laboratories. W ₃ : Lack of good number of equipment. W ₄ : Lack of Lab Assistants. W ₅ : Students from rural and economically weak ground have difficulty in coping with the subject due to lack of language.
	Opportunities: O ₁ : The Department has excellent opportunities to impart Chemistry skills to the students O ₂ : Theoretical learning through practical workshops as we examine a wide range of academic need. O ₃ : Postgraduate education in Chemistry, especially at the Master’s level, is undergoing significant changes in the developed world. O ₄ : Students need the assistance to carry out research to learn more about the

O₅:	subject so that there are many funding agencies to provide scholarships to pursue as one of the opportunities. The college has strong reputation in creating outstanding students for National/ International campus interviews for career.
C₁:	Challenges: It is a challenge for the Chemistry teachers to teach B.Sc students where the strength is between 80 and 110 It is a challenge for the Chemistry teachers to handle classes in which majority of students or from rural background The Department handling both PG and UG programme simultaneously is certainly a challenge for the faculty members. B.Sc., and M.Sc. courses are designed to produce a balanced programme in which students are encouraged to consider the wider professional skills and issues associated with the application of scientific ideas. Research has increased dramatically in the past decade, an increase in focus that has inspired innovative programme.
C₂:	
C₃:	
C₄:	
C₅:	

39.	Future plans of the department: <ol style="list-style-type: none">1) Conducting workshops and seminars.2) Collaboration with industries.3) To conduct coaching classes for UGC/CSIR/ SLET/NET.4) To have invited talks.5) To acquire research projects from different Funding Agencies.6) Should increase the number of student scholarships and honors.7) Courses and programs in order to attract large numbers of well-prepared entering students.8) Should focus more attention on opening the door of higher education in integrated courses.
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Self Study Report (3rd Cycle)

1.	Name of the Department and its year of establishment	Department of Computer Science - 1989	
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	U.G: B.Sc (Computer Science) U.G: BCA (Bachelor of Computer Applications)	
3.	Interdisciplinary courses and departments involved	-	
4.	Annual / Semester / Choice based credit system	Semester system for B.Sc. and B.C.A.	
5.	Participation of the department in the courses offered by other departments	Computer Application in M.Sc. Molecular Biology , Physical and Life Science , BBA	
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)		
		Sanctioned	Filled
	Professors		
	Associate Professors		
	Assistant Professors	3	2
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)		

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Smt. H. Annapurna	M.C.A	Assistant Professor	Computer Networks	12	-
Sri T. Chandraiah	M.Tech	Assistant Professor	Data Structures	10	-

8.	Percentage of classes taken by temporary faculty- programme-wise information	B.Sc.- 88.09% B.C.A.- 83.58%
9.	Programme-wise Student Teacher Ratio	B.Sc.- 1:6 B.C.A.- 1:8
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	Nil

11.	Number of faculty with ongoing projects from	Nil
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Self Study Report (3rd Cycle)

	a) national, b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.	
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12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	Nil
13.	Research facility / centre with	-
	• State recognition	-
	• National recognition	-
	• International recognition	-
14.	Publications:	
	• Number of papers published in peer reviewed journals (national/international)	-
	• Monographs	-
	• Chapter(s) in Books	-
	• Editing Books	-
	• Books with ISBN numbers with details of publishers	-
	• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)	-
	• Citation Index – range / average	-
	• SNIP	-
	• SJR	-
	• Impact factor – range / average	-
	• h-index	-
15.	Details of patents and income generated	-
16.	Areas of consultancy and income generated	-
17.	Faculty recharging strategies	The faculty of the department participate in Refresher Courses, Seminars and Workshops organised by the Academic Staff College and other Colleges in the State.
18.	Student projects:	
	• Percentage of students who have done in-house projects including inter-departmental	
	• Percentage of students doing	

Self Study Report (3rd Cycle)

	projects in collaboration with industries/institutes	
19.	Awards/recognitions received at the national and international level by <ul style="list-style-type: none"> • Faculty 	-
	<ul style="list-style-type: none"> • Doctoral / post-doctoral fellows 	-
	<ul style="list-style-type: none"> • Students 	-
20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	One
21.	Student profile course-wise:	-

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage*	
		Male	Female	Year	Percentage
B.Sc. Computer Science				May-June 2010	79.96%
				Nov-Dec 2019	61.55%
				May-June 2011	96.00%
				Nov/Dec 2011	73.08%
				May/June 2012	62.75%
				Nov/Dec 2012	75.01%
				May/June 2013	87.48%
				Nov/Dec 2013	74.81%
B.C.A.				April 2014	74.17%
				April 2010	30%
				May 2011	41.27%
				Nov 2011	51.78
				May 2012	37.3%
				Nov 2012	61.96%
				May 2013	72.63%
				Nov 2013	73.29%
			April 2014	71.83%	

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
B.Sc. Computer Science				
BCA				
MCA				

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	Some have cleared these competitive exams. Data is not available in the department.
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24. Student progression

Self Study Report (3rd Cycle)

Student Progression	Percentage against enrolled
UG to PG	80%
PG to M. Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	1
From other Universities within the State	1
From other Universities from other States	

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	-
27.	Present details about infrastructural facilities	
	a) Library	A small departmental library
	b) Internet facilities for staff and students	Yes
	c) Total number of classrooms	2
	d) Classrooms with ICT facility	2
	e) Students' laboratories	4
	f) Research laboratories	-
28.	Number of students of the Department getting financial assistance from College	-
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	-
30.	Does the department obtain feedback from	-
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Yes. Use the information while formulating the syllabus for the UG and PG programmes every 3 years. Use the information to reach out better to the students.
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	-
c)	Alumni and employers on the programmes and what is the response	

Self Study Report (3rd Cycle)

	of the department to the same?	
31.	List the distinguished alumni of the department (maximum 10)	

	Name	Current Position	Place
	Dr. D.S Guru	Professor	DOS in computer Science,UOM, Mysore
	Dr. Doreswamy	Professor	DOS in computer Science,Mangalore university,mangalore
	Karthik	Co-founder	Rere Pixel Technology,Bangalore
	Miss. Ashwini	Manager	Apollo Munich Insurance ,Mysore
	Chandan, Chaitanya	Sr. Software Engineer	Informatica,Bangalore
	Naveen Kumar	Business Analyst	Vmware india Pvt LTd, Bangalore.
	Lohith Kumar CK	Senior Business Analyst	Xerox India Pvt LTD, bangalore
32.	Give details of student enrichment programmes (special lectures/workshops/ seminar) with external experts.	Special lectures are conducted regularly at the college level. External experts were invited.	
33.	List the teaching methods adopted by the faculty for different programmes.	E- class-rooms are used for teaching	
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored? 1. Internal Assessment 2. Classroom discussion sessions 3. Feedback from faculty 4. Feedback from students 5. Department council meeting to take stock of the classes taken, syllabus completed and any problems faced by the faculty.		
35.	Highlight the participation of students and faculty in extension activities.	Fest, Seminar, Conference, workshops, etc Extension activities are conducted at the college level	

36.	Give details of “beyond syllabus scholarly activities” of the	1.Classroom discussions on current topics.
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	department.	2.Faculty participation in seminars/workshops/conferences etc.
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	
38.	<p>Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department</p> <p><u>Strengths:</u></p> <p>S₁. The strength of the department lies in its well-qualified and dedicated teaching faculty.</p> <p>S₂. Good Interpersonal relationship in the department.</p> <p>S₃. Well-equipped laboratory with Internet facility</p> <p><u>Weaknesses:</u></p> <p>W₁. The department is grossly understaffed. There are just two permanent faculty members in the department. The rest of the teachers in the department are guest faculty with 8 to 12 teaching hours per week.</p> <p>W₂. No technical staff / clerical staff are allocated to the department.</p> <p><u>Opportunities</u></p> <p>O₁. Internet Technology</p> <p>O₂. Web technology</p> <p>O₃. Digital Technology</p> <p><u>Challenges</u></p> <p>C₁. Mismatch between industry and quality of students produced.</p> <p>C₂ Strong disconnect between industry, human resource requirement and quality of students</p>	
39.	<p>Future plans of the department</p> <ul style="list-style-type: none"> • To take up minor/major projects in future. • to conduct seminars and workshops • to restart the certificate course To evolve into an Advanced Centre for Research & Training <p>To evolve as a Consultancy Centre</p>	

1.	Name of the Department and its year of establishment	Department of Eletronics 1982
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	B.Sc., (PEM)
3.	Interdisciplinary courses and departments involved	Nil
4.	Annual / Semester / Choice based credit system	Semester
5.	Participation of the department in the courses offered by other departments	Nil
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)	
		Sanctioned
		Filed
	Professors	-
	Associate Professors	-
	Assistant Professors	-
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)	

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr. S.Chandramma	M.Sc., Ph.D	Associate Professor	Theoretical Physics	34 years	01

8.	Percentage of classes taken by temporary faculty- programme-wise information	60%
9.	Programme-wise Student Teacher Ratio	40:1
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	Nil
11.	Number of faculty with ongoing projects from a) national, b) international funding agencies and c) Total grants received. Mention	Nil

Self Study Report (3rd Cycle)

	names of funding agencies and grants received project-wise.	
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	Nil

13.	Research facility / centre with	
	• State recognition	Nil
	• National recognition	Nil
	• International recognition	Nil
14.	Publications:	
	• Number of papers published in peer reviewed journals (national/international)	03
	• Monographs	-
	• Chapter(s) in Books	-
	• Editing Books	01
	• Books with ISBN numbers with details of publishers	Nil
	• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)	Nil
	• Citation Index – range / average	Nil
	• SNIP	Nil
	• SJR	Nil
	• Impact factor – range / average	Nil
	• h-index	Nil
15.	Details of patents and income generated	Nil
16.	Areas of consultancy and income generated	Nil
17.	Faculty recharging strategies	Nil
18.	Student projects:	
	• Percentage of students who have done in-house projects including inter-departmental	Nil
	• Percentage of students doing projects in collaboration with industries/institutes	Nil
19.	Awards/recognitions received at the national and international level by	Nil
	• Faculty	
	• Doctoral / post-doctoral fellows	Nil

Self Study Report (3rd Cycle)

	• Students	Nil
20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	Nil
21.	Student profile course-wise:	

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage*	
		Male	Female	Male	Female
Nil	Nil	Nil	Nil	Nil	Nil

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	Nil
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	Nil
• Other than campus recruitment	Nil
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	100%
From other Universities within the State	
From other Universities from other States	

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	Nil
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27.	Present details about infrastructural facilities	Provided for staff
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Self Study Report (3rd Cycle)

	a) Library	37 Books
	b) Internet facilities for staff and students	-
	c) Total number of classrooms	-
	d) Classrooms with ICT facility	-
	e) Students' laboratories	01
	f) Research laboratories	-
28.	Number of students of the Department getting financial assistance from College	-
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	No
30.	Does the department obtain feedback from	-
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Yes, Feasible suggestions are discussed in department meetings and appropriate actions are taken
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	Yes, Feedback was obtained and necessary follow up action was taken
c)	Alumni and employers on the programmes and what is the response of the department to the same?	Yes. Feedback was obtained and used constructively
31.	List the distinguished alumni of the department (maximum 10)	-
32.	Give details of student enrichment programmes (special lectures/workshops/ seminar) with external experts.	-
33.	List the teaching methods adopted by the faculty for different programmes.	Traditional methods and, Interactive teaching methods involving the whole class, ICT enabled teaching
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	Learning outcomes are monitored by conducting Internal assessment Tests and end semester exams.
35.	Highlight the participation of students and faculty in extension activities.	Students work as NSS volunteers, NCC cadets
36.	Give details of "beyond syllabus	Nil

Self Study Report (3rd Cycle)

	scholarly activities” of the department.	
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	-
38.	<p>Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department</p> <p><u>Strength:</u></p> <p>S₁. Dedicated faculty S₂. Better student teacher rapport S₃. A permanent faculty from Physics is the HOD</p> <p><u>Weakness:</u></p> <p>W₁. Low research activity W₂. No permanent Electronics teacher W₃ Input of rural students W₄ Only one laboratory</p> <p><u>Opportunities:</u></p> <p>O₁. Interdisciplinary research work O₂. Current trends can be incorporated in the syllabus.</p> <p><u>Challenges:</u></p> <p>C₁. To make students entrepreneurs and employable C₂ To increase collaboration with research institutions. C₃ Involving students in project work C₄ Modernizing the teaching learning methods</p>	
39.	Future plans of the department	<p>To start E.M.Cs course for B.Sc. students To set up hardware and networking laboratory.</p>

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1.	Name of the Department and its year of establishment	Department of English 1928	
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	UG, PG and Ph.D.	
3.	Interdisciplinary courses and departments involved	Nil	
4.	Annual / Semester / Choice based credit system	Semester Choice based credit system	
5.	Participation of the department in the courses offered by other departments	Communication Skills taught in M.Sc. Molecular Biology Department	
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)		
		Sanctioned	Filled
	Professors	----	
	Associate Professors	----	
	Assistant Professors	4	2
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)		

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr. K. Yeshoda Nanjappa	M.A. Ph.D.	Head of the Department and Coordinator, M.A. English Programme	Feminist studies and Women writing	25 years	03 (Ph.D. awarded)
Dr. P. Venkatesh	M.A. Ph.D.	Assistant Professor		15 years	01 (Ph.D. awarded)

8.	Percentage of classes taken by temporary faculty- programme-wise information	B.Sc.: 80% B.B.A.: 80% B.C.A: 80%
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Self Study Report (3rd Cycle)

9.	Programme-wise Student Teacher Ratio	B.Sc.: 80:1 approximately B.B.A.: 25:1 B.C.A: 60: 1
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	Nil
11.	Number of faculty with ongoing projects from a) national, b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.	Nil
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	Not applicable
13.	Research facility / centre with	Nil
	• State recognition	
	• National recognition	
	• International recognition	
14.	Publications:	
	• Number of papers published in peer reviewed journals (national/international)	08 + 3 + 1 = 12
	• Monographs	
	• Chapter(s) in Books	01 + 1
	• Editing Books	01
	• Books with ISBN numbers with details of publishers	
	• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)	
	• Citation Index– range / average	
	• SNIP	
	• SJR	
	• Impact factor – range / average	
	• h-index	
15.	Details of patents and income generated	-----
16.	Areas of consultancy and income generated	-----
17.	Faculty recharging strategies The faculty of the department participates in Refresher Courses, Seminars (National and International) and Workshops organised by the Academic Staff	

Self Study Report (3rd Cycle)

	College and other Colleges in the State.	
18.	Student projects:	-----
	<ul style="list-style-type: none"> Percentage of students who have done in-house projects including inter-departmental 	-----
	<ul style="list-style-type: none"> Percentage of students doing projects in collaboration with industries/institutes 	-----
19.	Awards/recognitions received at the national and international level by	Nil
	<ul style="list-style-type: none"> Faculty 	
	<ul style="list-style-type: none"> Doctoral / post-doctoral fellows 	Nil
	<ul style="list-style-type: none"> Students 	
20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	Three Workshops on Communicative English was organized. Funded by the College.
21.	Student profile course-wise:	

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage*	
		Male	Female	Male	Female
2010 – 11	1055	573	189		
2011 – 12	855	487	211		
2012 – 13	725	410	130		
2013 – 14	1105	625	242		

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
		98	2	

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	M.A. in English: NET 2 qualified
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
<ul style="list-style-type: none"> Campus selection Other than campus recruitment 	

Self Study Report (3rd Cycle)

Entrepreneurs	
25. Diversity of staff	
Percentage of faculty who are graduates of the same Parent University	90%
From other Universities within the State	Nil
From other Universities from other States	10%

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	Nil
27.	Present details about infrastructural facilities	
	a) Library	A small departmental library
	b) Internet facilities for staff and students	Yes
	c) Total number of classrooms	About 16 general rooms of the college are used.
	d) Classrooms with ICT facility	04
	e) Students' laboratories	One Language Lab
	f) Research laboratories	
28.	Number of students of the Department getting financial assistance from College	
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	-----
30.	Does the department obtain feedback from	
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Yes. Uses the information while formulating the syllabus for the UG and PG Programmes every 3 years. Uses the information to reach out better to the students.
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	The evaluation is done by the IQAC.
c)	Alumni and employers on the programmes and what is the response of the department to the same?	-----
31.	List the distinguished alumni of the department	1. Dr. M. Gopalakrishna Adiga – Litterateur 2. Dr. Anupama Niranjana – Litterateur 3. Sri. A. K. Monnappa, IAS 4. Padmashri Sri. T. S. Satyan –

		<p>Padmashri Awardee.</p> <p>5. Dr. S. L. Byrappa, Novelist, Kendra Sahithya Academy Awardee.</p> <p>6. Sri. R. K. Lakshman Cartoonist of International Fame</p> <p>7. Padmashri Dr. V. Prakash Director, CFTRI Mysore.</p> <p>8. Prof. B. Sheik Ali Former Vice-Chancellor of Mangalore University & Goa University. Rajyothsava Awardee.</p>
32.	Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts.	Special lectures are conducted regularly at the college level. Four workshops on Communication Skills were conducted. External experts were invited.

33.	<p>List the teaching methods adopted by the faculty for different programmes.</p> <ol style="list-style-type: none"> 1. E- class-rooms are used for teaching 2. Prescribed plays like <i>Macbeth</i> and <i>Julius Caesar</i> are screened to help the students understand the plays better. 3. Language learning Videos are screened for the students in some of the classes. <p>The department has a language lab which is used regularly to teach grammar, pronunciation, letter-writing and communication skills to the students.</p>	
34.	<p>How does the department ensure that programme objectives are constantly met and learning outcomes monitored?</p> <ol style="list-style-type: none"> 1. By conducting Internal Assessment Tests 2. Seminars are conducted when possible and 3. Classroom discussion sessions 3. Constant Feedback from faculty is obtained 4. Feedback from students 5. Department council meetings are regularly held to take stock of the classes taken, syllabus completed and problems if any faced by the faculty. 	
35.	Highlight the participation of students and faculty in extension activities.	Extension activities are conducted at the college level
36.	<p>Give details of “beyond syllabus scholarly activities” of the department.</p> <ol style="list-style-type: none"> 1. Debates conducted in the classroom on general topics. 2. Screening of language learning videos. 3. Use of the Language Lab to teach communicative skills. 4. Classroom discussions on current topics of interest which help the students to hone their communicative skills. 5. Student participation in intercollegiate extra-curricular activities, seminars, workshops etc. 	

	6. Faculty participation in seminars/workshops/conferences organized by other institutions	
37.	State whether the programme /department is accredited/graded by other agencies. Give details.	No
38.	<p>Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department</p> <p><u>Strengths:</u></p> <p>S₁ The department comprises a team of well-qualified teaching faculty. Five of the Guest faculty are NET/SLET qualified.</p> <p>S₂ The two permanent faculty have doctorate degrees and are research guides. Further, of the 7 guest lecturers, 2 have M.Phil. degrees, and 2 are currently working for Ph.D. degrees.</p> <p>S₃ The Language Lab is an asset to the Department and encouraging to the new/young faculty members.</p> <p>S₄ Harmony and good interpersonal relationship is the strength of the department. The department has a strong support system which is supportive</p> <p>S₅ Overall good performance by students in NET/SLET exams in the PG departments.</p> <p><u>Weaknesses:</u></p> <p>W₁ The department is grossly understaffed. There are just two permanent faculty in the department. The rest of the teachers in the department are guest faculty with 8 to 12 teaching hours per week.</p> <p>W₂ Non-availability of classrooms dedicated to the department is a major problem. Holding seminars, special lectures and workshops is difficult as non-availability of vacant rooms for the purpose is a major set-back.</p> <p>W₃ The student–teacher ratio in the UG classes has always been a matter of great concern. The maximum strength in some classes is more than 130. It severely jeopardizes effective teaching. It is a herculean task to give attention to individual students.</p> <p>W₄ No technical staff / clerical staff is allocated to the department though the department caters to the maximum number of students and also has both UG and PG courses. .</p> <p>W₅ Lack of proper wash rooms, a basic necessity, is another disadvantage in the college.</p> <p><u>Opportunities:</u></p> <p>O₁ The department has an excellent opportunity to impart language skills and communication skills to students as about 90% of the students are from rural background.</p> <p>O₂ The Language Lab attached to the Department accords the department an opportunity to impart speaking, writing and listening skills to the students.</p> <p>O₃ Since the teachers of the department are members of the editorial board of the college magazine, <i>Yuvachintana</i>, the department has the opportunity to guide the students in writing articles for the magazine and also encourage their creativity.</p> <p>O₄ The dept. also helps the students in organizing programmes at the college level, and in preparing speeches for programmes and in compeering programmes.</p> <p>O₅ The department guides students in participating in intercollegiate Essay-Writing competitions, Debates and Elocution competitions.</p>	

<p>C₁</p> <p>C₂</p> <p>C₃</p> <p>C₄</p> <p>C₅</p>	<p><u>Challenges:</u></p> <p>Teaching English to a mixed group is a challenge as the rural students come with bare minimum knowledge of the English language.</p> <p>It is a challenge for the English teachers to teach as the strength of most classes, except for a few is between 80 – 132 and as such unwieldy.</p> <p>A single department with both PG and UG programmes is certainly a challenge as the total number of UG students is approximately about 1600.</p> <p>Currently there are only two permanent teachers in the department. The Department requires the full complement of permanent faculty.</p> <p>Since the strength of most classes is between 80-132, most class rooms are grossly inadequate to accommodate the students. Grammar classes where the students are required to do written work is almost always very difficult for both the students as well as the teachers.</p>
<p>39.</p>	<p>Future plans of the department</p> <ul style="list-style-type: none">• to offer English as a major subject at the graduate level• to take up minor/major projects in future.• to conduct seminars and workshops• to restart the certificate course

Self Study Report (3rd Cycle)

1.	Name of the Department and its year of establishment	Department of Environmental Sciences 1994	
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	B.Sc.	
3.	Interdisciplinary courses and departments involved	Environmental Chemistry, Environmental Biology, Environmental Biotechnology, Environmental Microbiology, Environmental Engineering	
4.	Annual / Semester / Choice based credit system	Semester	
5.	Participation of the department in the courses offered by other departments	Teaching and demonstration	
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)		
		Sanctioned	Filled
	Professors	--	Nil
	Associate Professors	--	Nil
	Assistant Professors	--	01
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)		

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
S. Suresha	Ph.D.	Assistant Professor	Environmental Chemistry and Bioremediation	12 Years	01 – Awarded 6 – Under progress

8.	Percentage of classes taken by temporary faculty- programme-wise information	60 %
9.	Programme-wise Student Teacher Ratio	15:1
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	Nil

11.	Number of faculty with ongoing	(1) UGC Major research project-
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Self Study Report (3rd Cycle)

	projects from a) national, b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.	on -going (2) VGST Minor research project
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	Nil
13.	Research facility / centre with	Nil
	• State recognition	
	• National recognition	
	• International recognition	
14.	Publications:	
	• Number of papers published in peer reviewed journals (national/international)	34
	• Monographs	----
	• Chapter(s) in Books	---
	• Editing Books	---
	• Books with ISBN numbers with details of publishers	--
	• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)	---
	• Citation Index – range / average	58
	• SNIP	
	• SJR	
	• Impact factor – range / average	2.5
	• h-index	03
15.	Details of patents and income generated	Nil
16.	Areas of consultancy and income generated	Nil
17.	Faculty recharging strategies	Nil
	•	
18.	Student projects:	
	• Percentage of students who have done in-house projects including inter-departmental	Mandatory for final B.Sc., students VGST- 2011-12 - Completed
	• Percentage of students doing projects in collaboration with industries/institutes	Nil

Self Study Report (3rd Cycle)

19.	Awards/recognitions received at the national and international level by <ul style="list-style-type: none"> • Faculty 	Bharath Shikshak Ratna Award from New Delhi
	<ul style="list-style-type: none"> • Doctoral / post-doctoral fellows 	
	<ul style="list-style-type: none"> • Students 	
20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	Nil
21.	Student profile course-wise:	

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage*	
		Male	Female	Male	Female
B.Sc	45	25	17	96	100

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
UG		70	30	----

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	Not applicable
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	80%
PG to M.Phil.	10%
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	05%
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	05 20
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	100 %
From other Universities within the State	----
From other Universities from other States	----

26.	Number of faculty who were	-----
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Self Study Report (3rd Cycle)

	awarded Ph.D., D.Sc., and D.Litt. during the assessment period	
27.	Present details about infrastructural facilities	
	a) Library	Around 500 books in College library
	b) Internet facilities for staff and students	Provided for staff
	c) Total number of classrooms	01
	d) Classrooms with ICT facility	Nil
	e) Students' laboratories	01
	f) Research laboratories	Nil
28.	Number of students of the Department getting financial assistance from College	No information
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	No
30.	Does the department obtain feedback from	
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Yes. Curriculum/syllabi will be discussed thoroughly at the time of BOS meeting
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	Yes
c)	Alumni and employers on the programmes and what is the response of the department to the same?	-----
31.	List the distinguished alumni of the department (maximum 10)	-
	1. Mr. G Madhsudhan 2. Mr. Chetan Kashyap 3. Sri A.B Doddamani 4. Dr. Sandeepa 5. Sri Nandeasha	Geologist Geologist Environmental Consultant Environmental Officer Project Assistant in Natural disaster Management office, Bangalore
32.	Give details of student enrichment programmes (special lectures/workshops/ seminar) with	Educational tour, seminars, dissertation in the final semester. Field visit

Self Study Report (3rd Cycle)

	external experts.	
33.	List the teaching methods adopted by the faculty for different programmes.	Audio-visual sessions, lecture cum discussions Interactive sessions, Field studies
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	Internal Assessment Test Continuous Evaluation in the lab.
35.	Highlight the participation of students and faculty in extension activities.	Nil
36.	Give details of “beyond syllabus scholarly activities” of the department <ul style="list-style-type: none"> • Field visit, • Participation in the environmental awareness program, • Tiger census with KFD • Industrial visits 	
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	-----
38.	<p>Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department</p> <p><u>Strengths:</u></p> <p>S₁. Committed teaching faculty , self motivated and determined S₂. Students are allowed take dissertation work , S₃. Field visit will help the student understand the practical problem S₄. Good student- faculty interaction S₅. Group discussions</p> <p><u>Challenges:</u></p> <p>C₁. Collaboration with industries and research institution C₂. Creating jobs for the environmental science graduates C₃ Environmental consultancy C₄. Research projects</p>	
39.	<p>Future plans of the department</p> <ol style="list-style-type: none"> 1. The department plans to start diploma course in Environmental Management, 2. Certificate course in EIA, 3. M.Sc. in environmental Science and Technology 4. Certificate course in Environmental Planning 	

Self Study Report (3rd Cycle)

1.	Name of the Department and its year of establishment	Department of Food Science and Nutrition1994
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	1. B. Sc., Food Science and Nutrition – optional subject along with two other optional subjects (BZF, CBF, and CZF). 2. M. Sc., open elective subject in Food Science and Nutrition (CBCS).
3.	Interdisciplinary courses and departments involved	Botany, Biochemistry, Chemistry and Zoology.
4.	Annual / Semester / Choice based credit system	Semester and semester with CBCS for M. Sc
5.	Participation of the department in the courses offered by other departments	Offering open elective subject to M.Sc students of different departments in the college.
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)	
		Sanctioned
		Filled
	Professors	
	Associate Professors	
	Assistant Professors	01
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)	

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr. R. Shekhara Naik	M. Sc (Agri), Ph, D	Assistant Professor (Sr. scale)	Food Science and Nutrition	11 years, 10months	Nil

8.	Percentage of classes taken by temporary faculty- programme-wise information	50%
9.	Programme-wise Student Teacher Ratio	46:1
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	Nil
11.	Number of faculty with ongoing projects from a) national, b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants	Nil

Self Study Report (3rd Cycle)

	received project-wise.	
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	Nil
13.	Research facility / centre with	Nil
	• State recognition	Nil
	• National recognition	Nil
	• International recognition	Nil
14.	Publications:	
	• Number of papers published in peer reviewed journals (national/international)	National - 01
	• Monographs	
	• Chapter(s) in Books	National - 01
	• Editing Books	
	• Books with ISBN numbers with details of publishers	
	• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)	
	• Citation Index – range / average	
	• SNIP	
	• SJR	
	• Impact factor – range / average	
	• h-index	
15.	Details of patents and income generated	Nil
16.	Areas of consultancy and income generated	Nil
17	Faculty recharging strategies	

Name of the faculty attended	Name of the course/ workshops	Conducted/ organized by	Date and duration
Dr. R Shekhara Naik	Refresher course	UGC ASC, Calicut University, Calicut	30.11.2012 to 20.12.2012.
	Refresher course	UGC ASC, University of Rajasthan, Jaipur	11.11.2013 to 30.11.2013.
	Two week appreciation course	QCI and IGNOU, NewDelhi	14.06.2010 to 25.06.2010
	Six day workshop on	DOS in Economics, UOM, Mysore	21 st to 27 th March 2014

Self Study Report (3rd Cycle)

	research methodology		Six days
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18	Student projects:	
	<ul style="list-style-type: none"> Percentage of students who have done in-house projects including inter-departmental 	100%
	<ul style="list-style-type: none"> Percentage of students doing projects in collaboration with industries/institutes 	Nil
	Awards/recognitions received at the national and international level by	
	<ul style="list-style-type: none"> Faculty 	01
	<ul style="list-style-type: none"> Doctoral / post-doctoral fellows 	01 - Ph. D
	<ul style="list-style-type: none"> Students 	Nil
20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	
21.	Student profile course-wise:	

Year	Name of the Course (refer question no. 2)	Applications received (1 year)	Selected to (1 year)		Pass percentage*	
			Male	Female	Male	Female
2010-11	B.Sc Food Sci. and Nutrition	85	21	10	93.3	100.0
2011-12	B.Sc Food Sci. and Nutrition	42	7	10	96.8	100.0

22. Diversity of Students

Year	Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
2010-11	B.Sc Food Sci. and Nutrition	Nil	87	6	6
2011-12	B.Sc Food Sci. and Nutrition	Nil	94	6	Nil
2012-13	B.Sc Food Sci. and Nutrition	Nil	100	Nil	Nil
2012-13	M.Sc Chemistry open elective	30	100	Nil	Nil
2013-14	B.Sc Food Sci. and Nutrition	Nil	100	Nil	Nil

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	10
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	45 to 50%
PG to M.Phil.	Nil
PG to Ph.D.	5%
Ph.D. to Post-Doctoral	1%
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	25%
Entrepreneurs	Nil

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	-
From other Universities within the State	100%
From other Universities from other States	-

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	01
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27.	Present details about infrastructural facilities	
	a) Library	Yes small with 20books
	b) Internet facilities for staff and students	Yes for staffs
	c) Total number of classrooms	Shared class rooms
	d) Classrooms with ICT facility	No, but utilized other dept rooms
	e) Students' laboratories	01 (23feetX13 feet) for small batch
	f) Research laboratories	Nil

28.	Number of students of the Department getting financial assistance from College	
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	
30.	Does the department obtain feedback from	
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Yes
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	Yes
c)	Alumni and employers on the	Positive response

	programmes and what is the response of the department to the same?	
31	List the distinguished alumni of the department (maximum 10)	
	Name of Alumni	Position held
	M S Mahesh	Post doctoral fellow and working as Faculty in JSS College, Mysore
	Faiaz Ahamad	Post doctoral fellow and working in Malaysia
	Ramesh KL	Faculty in Home Science college, Holenarasipura
	Pramod	Faculty at Alva's College, Moodabidre, DK
	Geetha Shree	Faculty at University of Mysore, Yuvaraja's College, Mysore
	Devaki	Faculty at University of Mysore, MGM, Manasagangothri
	Yashawant B R	Working in Nestle Industries, Nanjangodu
	Lokesh BR	Working as Dietitian in Hassan Medical college Hospital. Hassan.
	Kirthiraj	Working as program officer in NGO, Bangalore
	Chandan vinay,	Perusing Ph. D at DOS in FS&N, MGM, UOM,
	Siddaraju,	Working as Dietitian, at Narayana Multi specialty Hospital, Mysore
	Indresh kumar	Working as Dietitian in KR Hospital
	Lakshmi Sarkar	Dietitian at Vikram Hospital, Mysore
	Arundhathi,	Perusing Ph. D at DOS in HD, MGM, UOM
	Divya rupini	Perusing Ph. D at DOS in FS&N, MGM, UOM,
	Vishwanath S,	Perusing Ph. D at DOS in FS&N, MGM, UOM,
	Krishna raj,	Perusing Ph. D at DOS in FS&N, VHD, Bangalore,
	Darshan babu	Working in MTR food in production, Bangalore
32.	Give details of student enrichment programmes (special lectures/workshops/ seminar) with external experts.	Semester wise special lecture organized from the experts
33.	List the teaching methods adopted by the faculty for different programmes.	Black board with chalk, White board with markers and ICT

34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	-
35.	Highlight the participation of students and faculty in extension activities.	Faculty and students were involved in extension, NSS and NCC activities
36.	Give details of “beyond syllabus scholarly activities” of the department.	Students seminar arranged for each semester, field studies/ trips, industrial exposures, NCC, NSS, Sports , cultural activities etc..
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	
	<p><u>Strengths:</u></p> <p>S₁. Faculty is highly qualified, dynamic and motivational. S₂. Faculty has zeal to conduct research activity. S₃. Students opt / join the course with greater interest. S₄. Globally tons of opportunities are open to these students in the area of Food technology, Health and nutrition, Research and executive etc.</p>	
	<p><u>Weaknesses:</u></p> <p>W₁. Lack of laboratory/infrastructural facility to craft additional practical knowledge and effective skill development activities. W₂. Inadequate supports staff. W₃. No separate class rooms and separate class room with ICT facility. W₄. Inadequate laboratory instruments.</p>	
	<p><u>Opportunities:</u></p> <p>O₁. Students with food science and nutrition background have several openings nationally and internationally. O₂. Internationally as nutrition programme officer in UNICEF and WHO/ FAO programmes. O₃. Nationally in central government health firms ICMR and research laboratory such as CFTRI, DFRL, NDRI etc., O₄. Privately serve as Food technologist and quality control officers in multinational food company, NGOs, Hospitals as dietitian etc. O₅. Self employment as dietitian consultant, free lancers, village cottage industrialist etc. Civil/ public servants as CDPO, ACDPO etc. O₆. Food chine marketing and multinational biotech and pharma company marketing etc.</p>	
	<p><u>Challenges:</u></p> <p>C₁. Need to build infrastructure for laboratory (minimum 3nos), class rooms (4nos). C₂. Strengthening of human resource/man power for faculty, technical and other supporting works. C₃. Need to establish laboratory with sophisticated instruments for nutrients analysis, biochemical assay, quality control and food analysis. C₄. To introduce master and diploma degree programs</p>	

39	Future plans of the department
P₁	Establishment and development of highly sophisticated laboratory facility for each specialized existing and newly proposed courses - minimum three laboratories.
P₂	Introducing the PG Diplomas, M. Sc course in Food Science and Nutrition / food technology/ food-nanotechnology courses.
P₃	Starting different vocational certificate courses to homemakers, students and others.
P₄	Organizing seminars, workshops for benefit of students and faculty members.
P₅	Carrying out research work with the help of different funding agencies. The research proposals have been submitted for financial assistance to UGC and DST under major research project.
P₆	Guiding the research scholar for Ph. D degree.

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1.	Name of the Department and its year of establishment	Department of Geology 1927	
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	B.Sc.	
3.	Interdisciplinary courses and departments involved	Nil	
4.	Annual / Semester / Choice based credit system	Semester	
5.	Participation of the department in the courses offered by other departments	Nil	
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)		
		Sanctioned	Filled
	Professors	7	4
	Associate Professors		
	Assistant Professors		
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)		

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr. T.Raghunath	Ph.D.	Associate Professor	Palaeontology	28 Years	Nil
Dr. M Rudraiah	Ph.D.	Associate Professor	Hydrogeology	28 Years	Nil
Dr. M R Janardhana	Ph.D.	Assistant Professor	Ore Geology Hydrogeology Env. Geology	14 Years	3 – Awarded

8.	Percentage of classes taken by temporary faculty- programme-wise information	60 %
9.	Programme-wise Student Teacher Ratio	40:1
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	Nil
11.	Number of faculty with ongoing projects from a) national, b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.	Nil
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	Nil

Self Study Report (3rd Cycle)

13.	Research facility / centre with	Nil
	• State recognition	
	• National recognition	
	• International recognition	
14.	Publications:	
	• Number of papers published in peer reviewed journals (national/international)	24
	• Monographs	Nil
	• Chapter(s) in Books	Nil
	• Editing Books	Nil
	• Books with ISBN numbers with details of publishers	Nil
	• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)	Nil
	• Citation Index – range / average	
	• SNIP	
	• SJR	
	• Impact factor – range / average	1.5
	• h-index	3
15.	Details of patents and income generated	Nil
16.	Areas of consultancy and income generated	Nil
17.	Faculty recharging strategies	Nil
18.	Student projects:	
	• Percentage of students who have done in-house projects including inter-departmental	Mandatory for final B.Sc., students
	• Percentage of students doing projects in collaboration with industries/institutes	8%
19.	Awards/recognitions received at the national and international level by	Nil
	• Faculty	
	• Doctoral / post-doctoral fellows	
	• Students	
20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	Nil
21.	Student profile course-wise:	

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage*	
		Male	Female	Male	Female
B.Sc - 2014	212	160	33	62.31	
2013	202	155	24	69.04	
2012	157	128	16	66.72	
2011	129	101	19	74.34	

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
B.Sc III Year	100%	100%	-	-
B.Sc II Year	100%	92%	8%	-
B.Sc I Year	-	90%	10%	-

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	Records not maintained
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	18%
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	-
• Campus selection	
• Other than campus recruitment	
Entrepreneurs	-

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	100 %
From other Universities within the State	
From other Universities from other States	

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	Nil
27.	Present details about infrastructural facilities	
	a) Library	Around 2000 books
	b) Internet facilities for staff and students	Wi-fi available for staff, students & Research scholars
	c) Total number of classrooms	Nil
	d) Classrooms with ICT facility	Nil
	e) Students' laboratories	3
	f) Research laboratories	Nil

Self Study Report (3rd Cycle)

28.	Number of students of the Department getting financial assistance from College	Nil
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	The matter was discussed in detail in the Board of Studies
30.	Does the department obtain feedback from	
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Feasible suggestions are implemented
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	The IQAC does the evaluation
c)	Alumni and employers on the programmes and what is the response of the department to the same?	No
31.	List the distinguished alumni of the department	
a.	Prof. JAK Tareen, Former VC, Jammu & Kashmir University and Pondichery	
b.	Prof. K. Byrappa, Vic-chancellor, Mangalore University	
c.	Shri Sundar Moorthy, Former GSI Director	
d.	Dr. Dharmaraju, Geologist	
e.	Dr. Ramachandra, GSI Asst. Director, Bangalore	
f.	Dr. B. J. Prakash, Scientist, F, AMD Bangalore	
g.	Prof. R. Nagendra, Chairman, DOS in Geology, Annamalai University	
h.	Prof. Madesh, Manasagangotri, Mysore	
i.	Sri B. Puttaraju, Geologist, ONGC, Pondichery	
j.	Sri Keshava Prasad, Consultant, Gec, Tata co., Africa	
32.	Give details of student enrichment programmes (special lectures/workshops/ seminar) with external experts.	Annual field work
33.	List the teaching methods adopted by the faculty for different programmes.	Audio-visual, Interactive, Field studies
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	Internal Assessment Test Continuous Evaluation in the lab.
35.	Highlight the participation of students and faculty in extension activities.	Staff involved in 1. Popular lectures by Dr. M.R. Janardhana 2. College extension activities
36.	Give details of “beyond syllabus scholarly activities” of the department.	Students are taken on field tour every year
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	-

38.	<p>Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department</p> <p><u>Strengths</u></p> <p>S₁ Occurrence of geosites with world-wide relevance</p> <p>S₂ Excellent geology landscapes, many pockets of geological heritage sites,</p> <p>S₃ museums, parks, monuments close to campus</p> <p>S₄ Easy access to a lot of information sources</p> <p>S₅ “Secure environment” to ask questions, to make mistakes, so to learn</p> <p>Multidisciplinary subject, appeals to both physical and natural science students</p> <p><u>Weaknesses</u></p> <p>W₁ Attendance not free - not only motivated students participate; free attendance - drop-out of students</p> <p>W₂ Lack of faculty</p> <p>W₃ GIS cartography needs to be available</p> <p>W₄ Do we reach the students that need the extra practice the most?</p> <p>W₅ Insufficient Earth Science education in high schools and +2 colleges. The term geology is not immediately understandable by the average student</p> <p><u>Opportunities:</u></p> <p>O₁ To include new types of partners (like mining companies)</p> <p>O₂ Meetings/conferences/awards – national/regional/state/local</p> <p>O₃ Increase people’s awareness of the origins and dynamic past and future of the place they live</p> <p>O₄ Consider highlighting Geopoints of interest, not only natural disasters but human geoproblems. (eg. water pollution) and what not to do.</p> <p>O₅ Have capability to take advantage of geoevents and expand upon them as a teachable geomoment like the stone exhibition</p> <p><u>Challenges:</u></p> <p>C₁ Absence of academic training programs for guest faculty</p> <p>C₂ Finding funding</p> <p>C₃ Overcharged time schedule of students</p> <p>C₄ Low attendance</p> <p>C₅ Limited contribution of students</p> <p>Unfamiliarity of the subject</p>
39.	<p>Future plans of the department</p> <p>To approach the funding agencies to upgrade the facilities</p> <p>To start a diploma in water management</p> <p>To start M.Sc., course in Applied Geology</p> <p>To give more weightage to interaction with the industry</p>

Self Study Report (3rd Cycle)

1.	Name of the Department and its year of establishment	Department of Hindi 1936
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	UG
3.	Interdisciplinary courses and departments involved	B.Sc., BBA and BCA
4.	Annual / Semester / Choice based credit system	Semester
5.	Participation of the department in the courses offered by other departments	Nil
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors) 1	
		Sanctioned
		Filled
	Professors	
	Associate Professors	1
	Assistant Professors	
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)	

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr. D.R. Jayaprakash	M.A., M.Phil. Ph.D.	Associate Professor	Comparative Study	24 years	Guided 2 Ph.D. scholars

8.	Percentage of classes taken by temporary faculty- programme-wise information	Nil
9.	Programme-wise Student Teacher Ratio	50:1
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	Nil
11.	Number of faculty with ongoing projects from a) national, b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.	Nil
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	Nil
13.	Research facility / centre with	
	• State recognition	√
	• National recognition	-
	• International recognition	-
14.	Publications:	
	• Number of papers published in peer reviewed journals (national/international)	10

Self Study Report (3rd Cycle)

	• Monographs	-
	• Chapter(s) in Books	05
	• Editing Books	-
	• Books with ISBN numbers with details of publishers	978-81-89482-46-6
	• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)	Nil
	• Citation Index – range / average	-
	• SNIP	-
	• SJR	-
	• Impact factor – range / average	-
	• h-index	-
15.	Details of patents and income generated	-
16.	Areas of consultancy and income generated	-
17.	Faculty recharging strategies	-
18.	Student projects:	-
	• Percentage of students who have done in-house projects including inter-departmental	Nil
	• Percentage of students doing projects in collaboration with industries/institutes	Nil
19.	Awards/recognitions received at the national and international level by	Nil
	• Faculty	
	• Doctoral / post-doctoral fellows	Nil
	• Students	Nil
20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	Nil
21.	Student profile course-wise:	

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage*	
		Male	Female	Male	Female
B.Sc., 2010-11	100	40	10	100	100
2011-12	50	35	15	100	100
2012-13	90	30	40	100	100
2013-14	80	40	40	100	100

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
B.Sc. BBA, BCA	5%	-	-	-

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	Records not maintained
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	50
PG to M.Phil.	05
PG to Ph.D.	10
Ph.D. to Post-Doctoral	01
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	10
Entrepreneurs	-

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	100%
From other Universities within the State	-
From other Universities from other States	-
26. Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	-
27. Present details about infrastructural facilities	
a) Library	Nil
b) Internet facilities for staff and students	Nil
c) Total number of classrooms	01
d) Classrooms with ICT facility	-
e) Students' laboratories	-
f) Research laboratories	-
28. Number of students of the Department getting financial assistance from College	-
29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	-
30. Does the department obtain feedback from	-
a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Yes, suggestions are suitably considered.

Self Study Report (3rd Cycle)

b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	Yes, their suggestions are suitably implemented
c)	Alumni and employers on the programmes and what is the response of the department to the same?	Yes, Feasible suggestions are implemented
31.	List the distinguished alumni of the department (maximum 10)	--
32.	Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts.	Special lectures
33.	List the teaching methods adopted by the faculty for different programmes.	Chalk and black board Marker pen and white board
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	--

35.	Highlight the participation of students and faculty in extension activities.	Students are participating in NSS, NCC activities
36.	Give details of “beyond syllabus scholarly activities” of the department.	--
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	--

38.	<p>Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department</p> <p><u>Strengths:</u></p> <p>S₁ Informal teacher-student relationship S₂ Small class allowing more personal interaction with students</p> <p><u>Weaknesses:</u></p> <p>W₁ Non-availability of classrooms dedicated to the use of the department W₂ Moderate profile of students</p> <p><u>Opportunities:</u></p> <p>O₁ Enriching Hindi language</p> <p><u>Challenges:</u></p> <p>C₁ Motivating them to speak Hindi C₂ Encouraging them to write articles</p>	
39.	Future plans of the department	To conduct workshop, Seminars

Self Study Report (3rd Cycle)

1.	Name of the Department and its year of establishment	Department of Kannada 1928	
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	UG Ph.D etc.	
3.	Interdisciplinary courses and departments involved	B.Sc., BBA , BCA	
4.	Annual / Semester / Choice based credit system	Semester	
5.	Participation of the department in the courses offered by other departments	Nil	
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)		
		Sanctioned	Filled
	Professors	-	-
	Associate Professors	-	-
	Assistant Professors	04	04
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)		

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr.G. Sreenivasa	M.A., Ph.d.	Associate Professor	Study on culture, heritage and critics	15 years	Nil
Dr. M.S.Vasantha	M.A., Ph.d.	Associate Professor	Study on Dravidan language	24 years	Nil
Dr. C.D.Parashurama	M.A., Ph.d.	Associate Professor	Study on culture, heritage and critics	18 years	08
Dr. T.K.Kempegowda	M.A., Ph.d.	Associate Professor	Linguistics	14 years	09

8.	Percentage of classes taken by temporary faculty- programme-wise information	Permanent 65% Guest faculty 35%
9.	Programme-wise Student Teacher Ratio	215 : 1

10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	4+3
11.	Number of faculty with ongoing projects from a) national, b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.	Nil
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	Nil
13.	Research facility / centre with	
	• State recognition	Nil
	• National recognition	Nil
	• International recognition	Nil
14.	Publications:	
	• Number of papers published in peer reviewed journals (national/international)	Enclosed Bio-data
	• Monographs	
	• Chapter(s) in Books	
	• Editing Books	
	• Books with ISBN numbers with details of publishers	
	• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)	
	• Citation Index – range / average	
	• SNIP	
	• SJR	
	• Impact factor – range / average	
	• h-index	
15.	Details of patents and income generated	Nil
16.	Areas of consultancy and income generated	Nil
17.	Faculty recharging strategies	The teacher has accessibility to go through more than one lakh books and numerous research articles, the teacher immensely recharge themselves

Self Study Report (3rd Cycle)

18.	Student projects:	
	<ul style="list-style-type: none"> Percentage of students who have done in-house projects including inter-departmental 	Nil
	<ul style="list-style-type: none"> Percentage of students doing projects in collaboration with industries/institutes 	Nil
19.	Awards/recognitions received at the national and international level by	
	<ul style="list-style-type: none"> Faculty 	Nil
	<ul style="list-style-type: none"> Doctoral / post-doctoral fellows 	Nil
	<ul style="list-style-type: none"> Students 	Nil

20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	Copy enclosed
21.	Student profile course-wise:	Nil

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage*	
		Male	Female	Male	Female
I yr B.Sc		410	221		
1 yr BBA		13	07		
1 yr BCA		37	10		

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	Nil
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
<ul style="list-style-type: none"> Campus selection Other than campus recruitment 	Nil Nil
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	100%
From other Universities within the State	
From other Universities from other States	

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	07
27.	Present details about infrastructural facilities	Provided for staff
	a) Library	5000ks
	b) Internet facilities for staff and students	Staff only
	c) Total number of classrooms	18 classrooms
	d) Classrooms with ICT facility	-
	e) Students' laboratories	-
	f) Research laboratories	-
28.	Number of students of the Department getting financial assistance from College	-
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	No
30.	Does the department obtain feedback from	
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Yes – Periodically we revise the syllabus by incorporating and the contemporary developments in Kannada
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	Yes – General discussion about the various aspects of syllabus, the curriculum its impacts and the response by way of periodical, oral and written test.
c)	Alumni and employers on the programmes and what is the response of the department to the same?	-
31.	List the distinguished alumni of the department (maximum 10)	
32.	Give details of student enrichment programmes (special lectures/workshops/ seminar) with external experts.	National Level Seminar

Self Study Report (3rd Cycle)

33.	List the teaching methods adopted by the faculty for different programmes.	Enactment of dramas, monologues as well as group discussion of dialogues
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	Audio Visual Interactive
35.	Highlight the participation of students and faculty in extension activities.	I.A. Test continuous evaluation in the lab
36.	Give details of “beyond syllabus scholarly activities” of the department.	Magazine Editor
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	-

38.	Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department	
	Strengths:-	
S ₁	Presently the Kannada language has got classical status. We are all proud of this, and are giving special counseling on the importance of our language to our students. This has encouraged many students to perform better in the examinations and also some of them are inspired to write the articles, poems etc.	
S ₂	We promote and culture of our state through language teaching	
S ₃	We promote communication in Kannada both written and oral	
	Weakness:-	
W ₁	Non-availability of adequate number of class rooms for catering the needs of large number of students who opt for Kannada as their language.	
	Opportunities:-	
O ₁	Students of Kannada language are given preference in some of the government jobs. Due to the classical status of the language many students are opting for Postgraduation in Kannada which is giving them lot of job opportunities in teaching, research, extension activities, cultural activities and many more.	

39.	Future plans of the department	To start EMCs course for B.Sc. students
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Self Study Report (3rd Cycle)

1.	Name of the Department and its year of establishment	Department of Management Sciences 2007	
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	UG/PG	
3.	Interdisciplinary courses and departments involved		
4.	Annual / Semester / Choice based credit system	Semester	
5.	Participation of the department in the courses offered by other departments	Nil	
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors) 1		
		Sanctioned	Filled
	Professors	Nil	Nil
	Associate Professors	Nil	Nil
	Assistant Professors	1	1
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)		

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr. C.Sumangala	M.B.A., Ph.D.	Assistant Professor	Human Resource Management	23 years	Guided 2 Ph.D. students

8.	Percentage of classes taken by temporary faculty- programme-wise information	BBA-80% MBA- 75%
9.	Programme-wise Student Teacher Ratio	BBA - 1:13 MBA-1:10
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	Nil
11.	Number of faculty with ongoing projects from a) national, b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.	Nil
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	Nil
13.	Research facility / centre with	
	• State recognition	-

Self Study Report (3rd Cycle)

	<ul style="list-style-type: none"> National recognition 	-
	<ul style="list-style-type: none"> International recognition 	-
14.	Publications:	
	<ul style="list-style-type: none"> Number of papers published in peer reviewed journals (national/international) 	International - 05 National - 14
	<ul style="list-style-type: none"> Monographs 	-
	<ul style="list-style-type: none"> Chapter(s) in Books 	-
	<ul style="list-style-type: none"> Editing Books 	-
	<ul style="list-style-type: none"> Books with ISBN numbers with details of publishers 	Dr. C. Sumangala and Dr. K. Nagendra Babu ISBN : 978-3-639-70009-1 Title : Stress Management Publication-Date: 2013-10-30 Publisher : Scholars' Press VDM Verlagsservicegesellschaft mbH, Heinrich- Boecking- Strasse 6-8, D - 66121 Saarbruecken
	<ul style="list-style-type: none"> Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.) 	Nil
	<ul style="list-style-type: none"> Citation Index – range / average 	-
	<ul style="list-style-type: none"> SNIP 	-
	<ul style="list-style-type: none"> SJR 	-
	<ul style="list-style-type: none"> Impact factor – range / average 	-
	<ul style="list-style-type: none"> h-index 	-
15.	Details of patents and income generated	-
16.	Areas of consultancy and income generated	-
17.	Faculty recharging strategies	-
18.	Student projects:	-
	<ul style="list-style-type: none"> Percentage of students who have done in-house projects including inter-departmental 	Nil
	<ul style="list-style-type: none"> Percentage of students doing projects in collaboration with industries/institutes 	2010-11 - 28% 2011-12 - Nil 2012-13 - 26% 2013-14 - 26%
19.	Awards/recognitions received at the national and international level by	
	<ul style="list-style-type: none"> Faculty 	-
	<ul style="list-style-type: none"> Doctoral / post-doctoral fellows 	-
	<ul style="list-style-type: none"> Students 	-

Self Study Report (3rd Cycle)

20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	Nil
21.	Student profile course-wise:	

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage*	
		Male	Female	Male	Female
BBA 2010-11	60	45	4	49.95	51.9
BBA 2011-12	60	18	7	43.85	66.65
BBA 2012-13	65	18	9	37.4	70.75
BBA 2013-14	70	30	9	34.35	92.25

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
BBA 2010-11	Nil	98	02	Nil
BBA 2011-12	Nil	99	01	Nil
BBA 2012-13	Nil	97	03	Nil
BBA 2013-14	Nil	98	02	Nil

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	10
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	75%
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	10%
• Other than campus recruitment	40%
Entrepreneurs	10%

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	100%
From other Universities within the State	-
From other Universities from other States	-

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	-
27.	Present details about infrastructural facilities	

Self Study Report (3rd Cycle)

	a) Library	√
	b) Internet facilities for staff and students	√
	c) Total number of classrooms	03
	d) Classrooms with ICT facility	-
	e) Students' laboratories	-
	f) Research laboratories	-
28.	Number of students of the Department getting financial assistance from College	-

29.	<p>Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.</p> <p>YES</p> <p>Yuvaraja's college is an autonomous institution, offering multidisciplinary courses. There was no course for Business administration. Hence it was thought necessary that Bachelor of Business Administration course the most appropriate one.</p> <p>Before introducing this course a survey was undertaken to assess the colleges under Mysore University offering this course. It was found that only two colleges were offering this course, and later were closed down. Actually this course is very much essential as it is a feeder course for MBA. It was also found that except Kuvempu University and some private colleges in Bangalore no other University was offering this course.</p> <p>This course is specially designed as a direct feeder course for MBA. Great care was exercised to include all inter related subjects to give in-depth knowledge to the students. The curriculum is designed to fit the industry needs. The special impetus has been given on the current trends in the market, and hence subjects like; Indian Capital Market, quantitative techniques, Security analysis and portfolio management, Entrepreneurship development has been included.</p>	
30.	Does the department obtain feedback from	-
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Yes Feedback on curriculum is obtained by faculty in the Department council meetings and modified by the BOS in Business Administration
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	Yes Feedback obtained is informal and we have tried to incorporate relevant suggestions
c)	Alumni and employers on the programmes and what is the response of the department to the same?	Yes Suggestions from alumni are considered.
31.	List the distinguished alumni of the department (maximum 10)	Chaitra MBA-Vidya Vikas Divya-MBA-GSSS Megha-MBA- MIT

		Pallavi MBA-Maharanis Nandini MBA-ISBR Pannaga-Rank holder working in Alcot Tanvi –Working in FMCG company Gautam MBA Belgaum Hussain working in Dubai Arvind working Vinay-working
32.	Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts. 1. Special Lecture: By Geetha Shah of VISTA MIND on Communication skills and how to face interviews, and introduction to various add on courses. 2. Special lecture: By.Mr.Subramnaya from BOSCH Bangalore on soft skills requirements for Management Students	
33.	List the teaching methods adopted by the faculty for different programmes.	Traditional and technology oriented teaching methods
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	Conducting surprise tests, and Seminar presentations by students
35.	Highlight the participation of students and faculty in extension activities. Faculty: Dr.C.Sumangala , member of ECA Maharaja’s college, Mysore for 4 consecutive years from 2009-2013, co-coordinator for the year 2012-13, and coordinator for the year 2013-14 Faculty and students: Management association is formed under the president ship of Dr.C.Sumangala to conduct various programs like special lectures, workshops and extension activities like cleanliness drive. Students: NCC, NSS, ECA	
36.	Give details of “beyond syllabus scholarly activities” of the department.	Industrial visit to Biocon Company, Bengaluru, 11 th Feb, 2014
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	No
38.	Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department Strengths: S₁ Committed faculty willing to work for the growth of the department through facilitating and supporting dialogue and debates among students. S₂ The faculty apply their strengths to each aspect of the teaching/learning process in preparation and course design, interaction with students in class, mentoring and advising students. S₃ A good library is being maintained by the department for the benefit of the students. S₄ The department is producing quality graduates who are able meet the demands of	

<p>S₅ Helping students to acquire better aptitude and helping them to improve application skills</p> <p>S₆ Efforts are being made for the uplift the socio-economically weaker students.</p> <p>Weakness:</p> <p>W₁ It is a new department with more number of guest faculty and one permanent faculty.</p> <p>W₂ Lack of enough class rooms.</p> <p>W₃ Lack of latest teaching aids.</p> <p>W₄ Lack of office assistance.</p> <p>W₅ Weaknesses and concerns among students is in the area of the internship experience</p>	<p>today's industry.</p>
<p>Opportunities:</p> <p>O₁ MBA program has been started in the current year 2014-15 which itself is an opportunity we are creating for our students.</p> <p>O₂ Our faculty has wide scope for pursuing research activities</p> <p>O₃ Students are encouraged to take IAS, KAS, ICWA, CA, CS etc right from the beginning of the course</p> <p>O₄ Encouraging students from rural background to be successful entrepreneurs</p> <p>O₅ Students can utilize department library for developing their academic skills.</p> <p>O₆ Opportunity for the students to be placed in companies through well established placement cell.</p> <p>O₇ Opportunities to utilize alumni who have made themselves to the top and successful in their own fields.</p>	<p>Challenges:</p> <p>C₁ Taking the department to new heights through continuous improvement of teaching faculty.</p> <p>C₂ Holding the interest of the students in the present day context of information explosion.</p> <p>C₃ As majority of students are from rural stream, preparing them for the current needs of the industry.</p> <p>C₄ Motivating students for having high ambition.</p> <p>C₅ Building superior values among students to make them good citizens of society.</p> <p>C₆ Behaving ourselves in the right spirit for students to emulate us as role models.</p> <p>C₇ Building research collaborations with industry.</p> <p>C₈ To interact with managers of business corporations to extend the knowledge of our students for challenges in meeting social and environmental responsibilities and to explore jointly effective approaches to meeting these challenges.</p>
<p>39. Future plans of the department</p> <ul style="list-style-type: none"> • To organise industry interaction programmes. • To conduct frequent seminars, group discussions, soft skill trainings, summer internship programs for students. • Organize seminars, workshops inviting faculty from academia and industry 	

Self Study Report (3rd Cycle)

1.	Name of the Department and its year of establishment	Department of Mathematics 1928	
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	UNDER GRADUATE (UG)	
3.	Interdisciplinary courses and departments involved	Integrated Molecular Biology	
4.	Annual / Semester / Choice based credit system	SEMESTER	
5.	Participation of the department in the courses offered by other departments	The stream involved in teaching courses for management students and also for Applied science	
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)		
		Sanctioned	Filled
	Professors		
	Associate Professors		2
	Assistant Professors		2
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc..)		

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr.H.N.Kanthalakshmi	M.Sc., Ph.D	Associate Professor	Geometric function theory	28	-
Dr.S.Latha	M.Sc., Ph.D	Associate Professor	Geometric function theory and fuzzy topology	36	07
Dr.Pushpalatha L Retired on 31 st October 2013	M.Sc., Ph.D	Associate Professor	Graph theory	14	04
Dr.Ruby Salestina	M.Sc., Ph.D	Assistant Professor	Number theory and Graph theory	07	01
Dr.Shivashankar. K	M.Sc., Ph.D	Assistant Professors	Graph theory and Number theory	22	

8.	Percentage of classes taken by temporary faculty- programme-wise information	28.57%
9.	Programme-wise Student Teacher Ratio	180 : 1
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	Nil
11.	Number of faculty with ongoing projects from a) National, b) International funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.	01 a) National Dr.H.N.Kanthalakshmi, Principal Investigator for the UGC Minor Research Project in Mathematics entitled “ New ideas in geometric function theory ” Grants sanctioned - Rs1,80,000
12.	Departmental projects funded by DST-FIST; DBT, UGC, ICSSR, etc., total grants received Dr.S.Latha , Principal Investigator for the UGC Major Research Project entitled “ A study of linear operators in geometric function theory ”. Completed. 2010-2013, Amount sanctioned: Rs. 7,61,012/-	
13.	Research facility / centre with	
	• State recognition	—
	• National recognition	—
	• International recognition	—
14.	Publications:	
	• Number of papers published in peer reviewed journals (national/international)	77
	• Monographs	
	• Chapter(s) in Books	
	• Editing Books	
	• Books with ISBN numbers with details of publishers	Complex function theory by Ghorban Rajabi and S. Latha. Publisher Lap Lambert Academic Publishing (March 2012) ISBN 3845476222 No of pages 160
	• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)	69
	• Citation Index – range / average	
	• SNIP	
	• SJR	
	• Impact factor – range / average	
	• h-index	04

15.	Details of patents and income generated	-
16.	Areas of consultancy and income generated	-
17.	Faculty recharging strategies Dr. K. Shivashankara and Dr. M. Ruby Salestina Attended UGC sponsored Refresher courses in Mathematical sciences held at Academic staff college from June 10-30, 2010 and from March 01-21, 2013, University of Mysore, Mysore.	
18.	Student projects:	
	<ul style="list-style-type: none"> Percentage of students who have done in-house projects including inter-departmental 	Roshan Sawhil VGST Spice Project entitled Investigation in Fibonacci Sequences 2012 Amount sanctioned : Rs. 30,000/-
	<ul style="list-style-type: none"> Percentage of students doing projects in collaboration with industries/institutes 	Nil
19.	Awards/recognitions received at the national and international level by <ul style="list-style-type: none"> Faculty 	Dr.S.Latha Awarded for BEST research publication for the year 2012-13 from Vision Group of Science and Technology, Government of Karnataka, India for the work on “Bernardi integral operators of Janowski class of functions”
	<ul style="list-style-type: none"> Doctoral / post-doctoral fellows 	-
	<ul style="list-style-type: none"> Students 	-

20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any. Dr. S. Latha organized National Conference on “On Applications of Mathematics and Statistics” from 25 March, 2011 to 26 March, 2011 Celebrated International Mathematics year by conducting essay, pick and speak and Intercollegiate competitions held on 2013
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21.	Student profile course-wise:	-
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Name of the Course (refer question no. 2)	Applications received	Selected		Total Pass percentage*
		Male	Female	
B.sc 2010-2011	1800	600	300	46.30%
B.sc 2011-2012	1750	650	350	49%
B.sc 2012-2013	1900	550	250	60.155%
B.sc 2013-2014	2000	600	400	56.462%

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	10
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	80 %
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	100%
From other Universities within the State	
From other Universities from other States	

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	01
27.	Present details about infrastructural facilities	Yes
	a) Library	Yes
	b) Internet facilities for staff and students	Yes
	c) Total number of classrooms	10
	d) Classrooms with ICT facility	01
	e) Students' laboratories	
	f) Research laboratories	
28.	Number of students of the Department getting financial assistance from College	
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	

30.	Does the department obtain feedback from	
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	

Self Study Report (3rd Cycle)

	Yes. Valid suggestions are discussed in the department meeting and implemented	
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same? Yes. The suggestions are placed in the department meeting and the required changes are made after the deliberation in the BOS meeting. The syllabus is upgraded every two years based on the feedback from the staff, students and BOS members	
c)	Alumni and employers on the programmes and what is the response of the department to the same? The Alumni visit the department quite often and their suggestions and feedbacks are discussed in the department meetings for further improvement of the curriculum	
31	List the distinguished alumni of the Department (maximum)	
	Name	Current Position
1	Prof. R. Rangarajan	Chairman, DOS in Mathematics, MGM, Mysore.
2	Prof. R. Ganesh	Administrative officer, YCM, Mysore.
3	Prof. M. S. Mahadeva Naika	Department of Mathematics, Central College, Bangalore.
4	Prof. Mayi Gowda	Department of Mathematics, Bharathi College, Bharathinagara.
5	Dr.chaluvaraju	Department of Mathematics, Central College, Bangalore.
6	Prof. Lokanath	DOS in Physics, MGM, Mysore
7	Sri Ramachandraiah	District Judge ,Tumkur. Ph:9448600880
8	Sri Chandrashekar	Taluk panchayath president, Maddur. Ph:9916090724

32.	Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts. Special Lectures by 1. Dr. Padmavathamma, Retired Professor DOS in Mathematics MGM, Mysore. 2. Dr. Yogananda, HOD, Department of Mathematics, SJCE, Mysore. 3. Dr. Sampathkumar , Retired Professor DOS in Mathematics MGM, Mysore. 4. Dr. R.Y.Dennis , Retired Professor, Gorakhpur.
33.	List the teaching methods adopted by the faculty for different programmes. Lecture method, Interactive method, Independent learning, collaborative learning, seminar, Workshops. The combinatory tools of above all are adopted
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored? Continuous assessment such as class tests, home assignment, class seminars, quiz, viva. Each student's performance is evaluated and the remedial classes are taken for slow learners. Students feedback.
35.	Highlight the participation of students and faculty in extension activities. NSS students under the leadership of faculty participate in annual camps where they inculcate good habits among the public. Many students donate blood for the needy.

Self Study Report (3rd Cycle)

36.	Give details of “beyond syllabus scholarly activities” of the department.	Deputing the students to attend technical workshops, seminars, quiz, debate competitions to promote skill development.
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	Not applicable
38	<p>Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department</p> <p>Strengths:</p> <p>S₁ Committed faculty members who are willing to learn and adapt themselves to the required challenges.</p> <p>S₂ Informal teacher–student relationship.</p> <p>S₃ Good interpersonal relationship among faculty members.</p> <p>S₄ Highest number of Ph.D students output.</p> <p>S₅ A large number of research paper published in various National and International journals.</p>	
	<p>Weaknesses</p> <p>W₁ Input of low caliber students.</p> <p>W₂ Department is over burdened so for as student teacher ratio is concerned.</p> <p>W₃ Shortage of full time faculties.</p> <p>W₄ Unavailability of class rooms dedicated to use by the department and lack of microphone in class rooms.</p> <p>W₅ No permanent nonteaching staff / technical assistant to the department.</p>	
	<p>Opportunities</p> <p>O₁ To use the scope provided by academic autonomy to develop.</p> <p>O₂ A good number of students are placed in different organizations</p> <p>O₃ Encourage students to form groups and take interdisciplinary projects.</p> <p>O₄ Can conduct inter- collegiate seminar on topics within the syllabus and out side the syllabus.</p> <p>O₅ Once the student faculty ratio improved each faculty member can adopt few students get projects done by them.</p>	
	<p>Challenges</p> <p>C₁ To attract more students towards basic sciences</p> <p>C₂ keeping pace with the international standards.</p> <p>C₃ To evolve as a centre of excellence with academic flexibility, so that faculty members can recharge themselves and students gain recognition and reward.</p> <p>C₄ To bridge the gap between the fast learning and slow learning students department may issue its own journal.</p> <p>C₅ Encourage student exchange on inter university basis.</p>	
39.	Future plans of the department	Practical oriented syllabus, Learning Latex, Mat lab and promote students to publish papers in National and International Journals.

Self Study Report (3rd Cycle)

1.	Name of the Department and its year of establishment	Department of Microbiology 1989 ; Separated from the Department of Botany in 2006
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	Graduate Programme Ph.D. Programme
3.	Interdisciplinary courses and departments involved	NA
4.	Annual / Semester / Choice based credit system	Semester
5.	Participation of the department in the courses offered by other departments	NA
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)	
		Sanctioned
		Filled
	Professors	-
	Associate Professors	-
	Assistant Professors	3
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)	

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr. S. Mahadeva Murthy	M.Sc, M.Phil, Ph.D	Associate Professor	Agricultural Microbiology, Environmental Microbiology, Seed Technology	21 years	2
Dr. H.S. Jayanth	M.Sc, M.Phil, Ph.D	Associate Professor	Bacterial Diversity, Physiology, Food & Industrial Microbiology, Water & Waste water Microbiology	25 years	-
Dr. P.K. Maheshwar	M.Sc, M.Phil, Ph.D	Assistant Professor	Mycotoxicology, Molecular Biology	11 years	-

8.	Percentage of classes taken by temporary faculty- programme-wise information	50
9.	Programme-wise Student Teacher Ratio	1:56

Self Study Report (3rd Cycle)

10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	Nil
11.	Number of faculty with ongoing projects from a) National, b) International funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.	01 1. UGC Major Project entitled “Sources of domestic pollution of drinking water” during 2011-14 (Rs. 7,35,000.00) (Ongoing). 2. MHRD, UGC-IOE Project “Biodiversity, Bioprospecting and Sustainable development” during 2010-13 (Rs. 6,50,000.00) (Completed).
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	NA
13.	Research facility / centre with	
	<ul style="list-style-type: none"> State recognition 	State recognition (University of Mysore)
	<ul style="list-style-type: none"> National recognition 	
	<ul style="list-style-type: none"> International recognition 	
14.	Publications:	
	<ul style="list-style-type: none"> Number of papers published in peer reviewed journals (national/international) 	36
	<ul style="list-style-type: none"> Monographs 	-
	<ul style="list-style-type: none"> Chapter(s) in Books 	-
	<ul style="list-style-type: none"> Editing Books 	-
	<ul style="list-style-type: none"> Books with ISBN numbers with details of publishers 	-
	<ul style="list-style-type: none"> Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.) 	-
	<ul style="list-style-type: none"> Citation Index – range / average 	105 + 24/65
	<ul style="list-style-type: none"> SNIP 	-
	<ul style="list-style-type: none"> SJR 	-
	<ul style="list-style-type: none"> Impact factor – range / average 	0.5
	<ul style="list-style-type: none"> h-index 	3+3 = 6
15.	Details of patents and income generated	-
16.	Areas of consultancy and income generated	-
17.	Faculty recharging strategies	-
18.	Student projects:	-
	<ul style="list-style-type: none"> Percentage of students who have done in-house projects including inter-departmental 	
	<ul style="list-style-type: none"> Percentage of students doing projects in 	

Self Study Report (3rd Cycle)

	collaboration with industries/institutes	
19.	Awards/recognitions received at the national and international level by <ul style="list-style-type: none"> Faculty 	1.Bharath Shiksha Ratan Award, New Delhi (2013) 2.Indira Gandhi Sadbhavana Award, New Delhi (2014) (Dr. S. Mahadeva Murthy)
	<ul style="list-style-type: none"> Doctoral / post-doctoral fellows Students 	
20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	-
21.	Student profile course-wise:	

Name of the course	Year	Applications received	Selected	Pass percentage
B.Sc.	2010-11	300	255	89
	2011-12	295	258	89
	2012-13	210	249	75
	2-13-14	203	249	86

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
B.Sc.	-	98	2	0
	-	99	1	0
	-	100	0	0
	-	99	1	0

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	IRS (ICS): 1 SLET: 6 Sub Inspector: 2 (KPSC Exam)
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	25%
PG to M.Phil.	-
PG to Ph.D.	10
Ph.D. to Post-Doctoral	-
Employed <ul style="list-style-type: none"> Campus selection Other than campus recruitment 	- -
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	33%
From other Universities within the State	67%
From other Universities from other States	-

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	Ph.D. = 02
27.	Present details about infrastructural facilities	
	a) Library	Department library with good number of books
	b) Internet facilities for staff and students	Yes
	c) Total number of classrooms	01
	d) Classrooms with ICT facility	01
	e) Students' laboratories	02
	f) Research laboratories	Nil
28.	Number of students of the Department getting financial assistance from College	Nil
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	Nil
30.	Does the department obtain feedback from	Yes
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Yes. The feedback is discussed in the department council and positive aspects are considered for inclusion in curriculum
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	Teaching –learning-evaluation is done by students at the end of each semester and the response is discussed in the department council for further improvement
c)	Alumni and employers on the programmes and what is the response of the department to the same?	Yet to be done
31.	List the distinguished alumni of the department (maximum 10)	1. Raghu Dixit, Singer-song writer, producer, and film score composer based in Bangalore 2. Dr. Harish Prashanth Scientist Meat, Fish and Poultry technology CFTRI, Mysore 3. Dr. Suresh Scientist, Lipid Science &

		<p>Technology CFTRI, Mysore 4. B.M. Sandesh IRS Trainee at Dehradun 5. Dr. S. Satish, Assistant Professor, DOS in Microbiology, University of Mysore, Mysore 6. Dr. M.Y. Sreenivasa, Assistant Professor, DOS in Microbiology, University of Mysore, Mysore 7. Dr. M.P. Raghavendera Assistant Professor Dept. of Microbiology Maharani's Science College, Mysore 8. Dr. S. Bharathi Vice Principal and Head, Dept. of PG Studies in Microbiology, Oxford Science College, Bangalore 9. Harish Srivatsava, Scientist, Dept. of Agriculture, Govt. of India, Bangalore 10. Bhaskar, Pollution Control Board, Bangalore</p>
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32.	Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts.	Special lectures are conducted by external experts from the CFTRI, DFRL, NDRI
33.	List the teaching methods adopted by the faculty for different programmes.	Power point presentation and Chalk and talk.
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	Constant interaction with students and taking feedback from students making our programmes more interesting
35.	Highlight the participation of students and faculty in extension activities.	-
36.	Give details of "beyond syllabus scholarly activities" of the department.	-
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	-

38.	Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department	
	Strengths	
S₁	The average result of B.Sc. students is 94%	
S₂	In addition to teaching, interdisciplinary research work is being undertaken	
S₃	The department has major research projects funded by various government organizations	
S₄	Good number of publications has been produced in national and international journals	
	Weaknesses:	
W₁	Lack of separate research laboratory	
W₂	Lack of Biosafety level 2 and 3 for laboratory	
39.	Future plans of the department	To have a Microbial culture bank to cater the needs of the microbiologists

Self Study Report (3rd Cycle)

1.	Name of the Department and its year of establishment	Department of Molecular Biology 2005 – 06	
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	M.Sc Molecular Biology (Integrated)	
3.	Interdisciplinary courses and departments involved	Course is interdisciplinary involving Chemistry, Physics, Maths, Computer Science, Statistics, Botany and Zoology	
4.	Annual / Semester / Choice based credit system	Semester, CBCS	
5.	Participation of the department in the courses offered by other departments	No	
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)	Sanctioned	
	Professors		Filed
	Associate Professors		1
	Assistant Professors		
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)		

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
1	M.Sc. Ph.d	Associate Professor and Course Co - ordinator	Mycology and Plant Pathology	18 Years Teaching and Research	02

8.	Percentage of classes taken by temporary faculty- programme-wise information	80%
9.	Programme-wise Student Teacher Ratio	10 : 1
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	Ad Staff – Contract basis 1
11.	Number of faculty with ongoing projects from a) national, b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.	National – 1, UGC Rs. 10,35,600/-
12.	Departmental projects funded by	Nil

	DST-FIST; DBT, ICSSR, etc., total grants received	
13.	Research facility / centre with	Nil
	<ul style="list-style-type: none"> • State recognition 	
	<ul style="list-style-type: none"> • National recognition 	
	<ul style="list-style-type: none"> • International recognition 	
14.	Publications:	
	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national/international) 	12National / 8 International
	<ul style="list-style-type: none"> • Monographs 	Nil
	<ul style="list-style-type: none"> • Chapter(s) in Books 	Wrote three chapters (blocks) on Physiopathology book which is a self instruction material of KSOU
	<ul style="list-style-type: none"> • Editing Books 	Nil
	<ul style="list-style-type: none"> • Books with ISBN numbers with details of publishers 	Nil
	<ul style="list-style-type: none"> • Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.) 	Web of Science – 1 Index Copernicus – 2 Global Online <i>Research</i> in Agriculture (AGORA) – 1 www.cabdirect.org/abstracts -2
	<ul style="list-style-type: none"> • Citation Index – range / average 	-
	<ul style="list-style-type: none"> • SNIP 	-
	<ul style="list-style-type: none"> • SJR 	-
	<ul style="list-style-type: none"> • Impact factor – range / average 	-
	<ul style="list-style-type: none"> • h-index 	4
15.	Details of patents and income generated	Nil
16.	Areas of consultancy and income generated	Nil
17.	Faculty recharging strategies	By encouraging to participate in seminars and conference and workshops.
18.	Student projects:	
	<ul style="list-style-type: none"> • Percentage of students who have done in-house projects including inter-departmental 	Nil
	<ul style="list-style-type: none"> • Percentage of students doing projects in 	All students of X sem – 100%

Self Study Report (3rd Cycle)

	collaboration with industries/institutes	
19.	Awards/recognitions received at the national and international level by <ul style="list-style-type: none"> • Faculty 	N.S. Devaki is recognized as Inspire mentor by DST, New Delhi.
	<ul style="list-style-type: none"> • Doctoral / post-doctoral fellows 	Nil
	<ul style="list-style-type: none"> • Students 	Indian Academy of Sciences Summer fellowships – Six Students
20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	Nil
21.	Student profile course-wise:	

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage*	
		Male	Female	Male	Female
M.Sc. (Integrated)					
2010 – 11	61	02	08	100	100 (2006 -07 Batch)
2011 – 12	70	05	09	100	100 (2007 – 08 Batch)
2012 – 13	35	05	04	100	100 (2008 – 09 Batch)
2013 – 14	56	05	13	66.66	100 (2009 -10 Batch)

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
2010 – 11	10	10	00	-
2011 – 12	14	10	4	-
2012 – 13	09	9	00	-
2013 - 14	18	15	03	-

23.	<p>How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?</p> <p>Out of thirty forty two students passed -05 have qualified NET (One student got 9th Rank at all India Level UGC CSIR Exam), 05 students cleared SLET (KSET) 05 students cleared GATE, one student cleared TIFR entrance exam.</p>
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	80% (four students in four different countries viz., South Korea, Spain, Finland and Japan. Another student is in USA as Project assistant)
Ph.D. to Post-Doctoral	Not Yet
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	100%
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University		100% . One permanent faculty, fifteen invited faculty including accomplished scientists and Renowned Professors from different institutions . All four Guest faculty are from the same university
From other Universities within the State		Nil
From other Universities from other States		Nil
26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	Nil
27.	Present details about infrastructural facilities	
	a) Library	A library with 160 Books which are latest in the area of study.
	b) Internet facilities for staff and students	18 points (10 for students, three for projection in the Lecture hall and labs, 05 points for office and staff)
	c) Total number of classrooms	One
	d) Classrooms with ICT facility	One theory room
	e) Students' laboratories	and two labs
	f) Research laboratories	After 5 PM and before 8 AM both the student labs are used for research purpose.
28.	Number of students of the Department getting financial assistance from College	Nil (Nine coming under self financial scheme)
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	-No-

30.	Does the department obtain feedback from	
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	-Regular departmental meetings are conducted and a proceeding book is maintained in the Department and teachers are asked to give feed back on the curriculum. These suggestions are placed in the board of studies meeting for discussion and incorporation.
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	Yes, We have evolved a format which is based on that of UGC and at the end of every semester feed back from the students are collected and teachers are informed about the outcome of this .
c)	Alumni and employers on the programmes and what is the response of the department to the same?	Some of these people often visit the department and feel happy to give suggestions for the improvement which is taken positively and adopted for the improvement of the department.

31.	List the distinguished alumni of the department (maximum 10)	
	All students are placed in different research institutions and in companies	
	Name	Current Position
	1. Chinmayi R. Kaundinya	Senior Research Scholar, in Indian Institute of Technology, Bombay.
	2. Syed Dawood Ahmed Mujiaba,	Business Development Executive, Meta Genomics, USA
	3. Sudhanva M.S.	Senior Research Scholar, South Korea
	4. Shobith Rangappa	Senior Research Scholar, Hokaidu University Japan.
	5. Koneti Anusha	Senior Research Scholar, Institute of Nero Pathology IDIBELL-Spain.
	6. Monica Shirley mani	Research Scholar, Manipal Institute of Technology Manipal University
	7. Chetan V Kurthakoti	Research Assistant, String Bio Private Limited, Bangalore.
	8. Abhinandan V murthy	Research Scholar, Biophysics Lab Oulu University Finland
9. Monica Shirley mani	Research Scholar, Manipal Institute of Technology Manipal University	
10. Asuthosh B.R.	Junior Research Fellow Jawaharlal Nehru Center for Advanced Scientific Research (JNCASR), Bangalore.	

32.	Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts. Often special lectures are conducted. Moreover more than fifteen invited faculty are drawn for each semester depending on the expertise and thus students are exposed to the latest developments in the field of Molecular biology.
33.	List the teaching methods adopted by the faculty for different programmes. Chalk and talk, Use of multimedia (Power point presentation, use of videos, charts), Taking the students to the field study, visit of Research Institutes, Exposing the students to Institution of Excellence such as the one established in University of Mysuru
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored? We have adopted Choice Based Credit based Learning system and here continuous evaluation is done regarding the practical performance, and theory performance through assignments, seminars, tests, viva voce tests etc.
35.	Highlight the participation of students and faculty in extension activities. Course co-ordinator Dr. N.S. Devaki is the President of association of Microbiologists of India, Mysuru chapter (AMI-Mysuru chapter) One extension program was organized By AMI in Gopalapura Village on " Food Safety and Hygiene" to the school children , on 18-11-2014
36.	Give details of “beyond syllabus scholarly activities” of the department. Department of Molecular biology is established with some of the best equipment facilities. This Department has earned good name in our University and outside. As an example Department was requested by Region College of Education (NCERT organization) to give training program on Molecular biological techniques to the teacher of Jawaharlal Navodaya PU teachers 26.11.2014. Course co-ordinator goes to other Institutes as resource persons to give lectures on the advanced topics in Biology.
37.	State whether the programme/department is accredited/graded by other agencies. Give details.
	IQAC assessment is carried out.

38.	Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department Strength:
S ₁	The course offered is a very good alternative to the students who have not got opportunity to enter into Central Institutes through KVPI, JEE for Biological Science area of study.
S ₂	Students get a strong foundation for research through five years of intense training. Students feel it easier to clear life science competitive examination as most of the syllabus prescribed for such examination is included in the syllabus.
S ₃	With a limited strength it is possible to give individual attention to the students.
S ₄	Students are given free hand to use computer facilities and Library facilities at any time from 8 AM to 8PM .
S ₅	

	<u>Weakness:</u>
W ₁	Department is not having its own permanent faculty
W ₂	Some of the basic equipments whose cost is above five lakhs are yet to be purchased.
W ₃	Better funding is desirable with equipment maintenance grant
W ₄	Only one lecture hall and two practical labs are available for this five years program – a minimum of three lecture halls and three laboratories are required.
W ₅	Separate research laboratory is also required .
	<u>Opportunities:</u>
O ₁	Department can attract good funding from the funding agencies if permanent faculty are appointed.
O ₂	It can be made into a model Molecular biology Department with little more infrastructure
O ₃	Thus state of the art facilities can be used for the best training of students who are going to become the future researchers of our country.
O ₄	As there is a provision for involvement of invited faculty, there is always an opportunity to arrange the best teaching by experienced faculty.
O ₅	Plenty of opportunities for collaborative interdisciplinary teaching and research in this department.
	<u>Challenges:</u>
C ₁	There is a rapid change in the priorities of research involving lot of sophisticated instruments and techniques. As per this, our students also should be updated with appropriate changes in both theory and practical syllabus every year and thus there is a great responsibility lying on the funding agencies /our college/faculty to meet this demand to raise our students to the global standards.

39. Future plans of the department

If space and permanent faculty is provided Department wants to give regular short term training program in Molecular Biology techniques to the needy faculty and students. When the facilities of instruments and space is increased efforts will be made to give topics of research to M.Sc. students so that national/International level publications can be done by them.

Self Study Report (3rd Cycle)

1.	Name of the Department and its year of establishment	Department of Physics 1928	
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	BSc, MSc	
3.	Interdisciplinary courses and departments involved	BSc- PCM, PMCs, PEM, PMS, PMEr	
4.	Annual / Semester / Choice based credit system	BSc-Semester MSc- Semester / CBCS	
5.	Participation of the department in the courses offered by other departments	Chemistry, Mathematics, Statistics, Computer Science, Earth Science, Molecular Biology, Electronics	
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)	Sanctioned	
		Filled	
	Professors	16	
	Associate Professors		09
	Assistant Professors		03+ 15 (GF)
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)		

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. R. Ganesh	M.Sc., M.Phil, Ph.D	Associate Professor	Nuclear Physics	30 Years	Nil
Dr. S. Chandramma	M.Sc., Ph.D	Associate Professor	Theoretical Physics	30 Years	Nil
Dr. D. Krishnegowda	M.Sc., Ph.D	Associate Professor	Solid State Physics	30 Years	Nil
Dr. H. C. Devarajegowda	M.Sc., Ph.D	Associate Professor	Nuclear Physics	26 Years	3
Dr. H. Somashekarappa	M.Sc., Ph.D	Associate Professor	Solid State Physics	26 Years	3

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Sri. D. K. Srinivasa	M.Sc., M.Phil	Associate Professor	Spectroscopy	26 Years	Nil
Sri. T. Sadhashivaiah	M.Sc.,	Associate Professor	Solid State Physics	20 Years	Nil
Dr. Swarnamala Sirsi	M.Sc., Ph.D, M S	Associate Professor	Theoretical Physics	30 Years	3
Sri.M.R.Ananthanarasima	M.Sc.,	Assistant Professor	Spectroscopy	23 Years	Nil
Dr. B. C. Manjunatha	M.Sc., M.Phil ,Ph.D	Associate Professor	Biophysics	24 Years	Nil
Sri. C. Nagesh Babu	M.Sc., M.Phil	Assistant Professor	Biophysics	23 Years	Nil

8.	Percentage of classes taken by temporary faculty- programme-wise information	BSc- 50% MSc- 80%
9.	Programme-wise Student Teacher Ratio	BSc- 1:30 MSc – 1:5
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	
11.	Number of faculty with ongoing projects from a) national, b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.	Nil
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	Nil
13.	Research facility / centre with	
	• State recognition	Nil
	• National recognition	Nil
	• International recognition	Nil
14.	Publications:	
	• Number of papers published in peer reviewed journals (national/international)	150
	• Monographs	Nil
	• Chapter(s) in Books	Nil

Self Study Report (3rd Cycle)

	<ul style="list-style-type: none"> • Editing Books 	Nil
	<ul style="list-style-type: none"> • Books with ISBN numbers with details of publishers 	Nil
	<ul style="list-style-type: none"> • Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.) 	100
	<ul style="list-style-type: none"> • Citation Index – range / average 	Average 75
	<ul style="list-style-type: none"> • SNIP 	
	<ul style="list-style-type: none"> • SJR 	
	<ul style="list-style-type: none"> • Impact factor – range / average 	0.5 to 3.705
	<ul style="list-style-type: none"> • h-index 	2- 4
15.	Details of patents and income generated	Nil
16.	Areas of consultancy and income generated	Nil
17.	Faculty recharging strategies	Workshops/ Intensive training programs/ Refresher Course/Orientation Course/ Conference/ Seminars
18.	Student projects:	
	<ul style="list-style-type: none"> • Percentage of students who have done in-house projects including inter-departmental 	Nil
	<ul style="list-style-type: none"> • Percentage of students doing projects in collaboration with industries/institutes 	Nil
19.	Awards/recognitions received at the national and international level by	Faculty: VGST award for research publications (2012)
	<ul style="list-style-type: none"> • Faculty 	
	<ul style="list-style-type: none"> • Doctoral / post-doctoral fellows 	
	<ul style="list-style-type: none"> • Students 	
20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	Nil
21.	Student profile course-wise:	NA

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage*	
		Male	Female	Male	Female

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? SLET-1, GATE-1, IIT (JAM)- 1, Entrance test for Int.PhD(Physics)-IISER(Pune)-1 Entrance test for Msc(Physics) NITK (Suratkal) -1 Entrance test for Msc(Physics)-Univ of Mysore- 15
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	70%
PG to M.Phil.	5%
PG to Ph.D.	2%
Ph.D. to Post-Doctoral	NA
Employed	
• Campus selection	25%
• Other than campus recruitment	5%
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates	
of the same Parent University	80%
From other Universities within the State	20%
From other Universities from other States	0%

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	One
27.	Present details about infrastructural facilities	
	a) Library	500 books
	b) Internet facilities for staff and students	Both wired internet and wi-fi available
	c) Total number of classrooms	06
	d) Classrooms with ICT facility	1+4
	e) Students' laboratories	05
	f) Research laboratories	02
28.	Number of students of the Department getting financial assistance from College	
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology. Yes. Need assessment was undertaken for Msc in Physics. Demand for Msc(Physics) program was assessed by taking into consideration the total number of applications received by the University PG department, DOS in Physics, which is equal to 1000 and the number of seats available is 42.	

30.	Does the department obtain feedback from	
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Yes. Periodic meetings of the department staff council are held to discuss the syllabus, teaching methods, progress of students and Evaluation methods. Suggestions are incorporated in the BOS, BOE meetings.
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	Evaluation of the staff is carried out by the college IQAC. Evaluation of the curriculum is obtained by the students who have opted for higher education and who have been employed in Industries. Suggestions are incorporated if found feasible.
c)	Alumni and employers on the programmes and what is the response of the department to the same?	Suggestions from alumni who are working in Institutes of higher learning in India and abroad are solicited and incorporated if found feasible. Industry representative from INFOSYS is in the BOS (Physics) and his suggestions are incorporated in the curriculum.
31	List the distinguished alumni of the department (maximum 10)	
	Sl No	Current Position
	1	Former director TIFR (Mumbai) Emeritus Professor, IAS, Bengaluru
	2	Former Chairman Atomic Energy Commission, Chairman of Task Force on Higher Education, Govt. of Karnataka.
	3	Former Vice Chancellor, University of Mysore
	4	Former Vice Chancellor, Kuvempu University
	5	Retired Scientist, Naval Research Laboratory, Washington DC, USA
	6	Former Vice Chancellor, Bangalore University
	7	Former Vice-Chancellor of Mangalore University, Present Vice-Chancellor of B.R. Ambedkar University, U.P.

32.	Give details of student enrichment programmes (special lectures/workshops/ seminar) with external experts.	
33.	List the teaching methods adopted by the faculty for different programmes.	Black board teaching, Multimedia projection, Demos, Experimental demonstration, Lecture videos
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored? By continual evaluation in practical classes and by conducting tests both in theory and practicals . Remedial actions like counseling, guidance are offered if needed for both UG and PG. By conducting student seminars (2 per semester) and assignments (2 per semester) for PG.	
35.	Highlight the participation of students and faculty in extension activities. By actively participating in NSS activities, blood donation camps, women awareness programs, clean Mysore initiative.	

36.	Give details of “beyond syllabus scholarly activities” of the department. Faculty members are actively engaged in research activities which is evident by the number of publications. 6 of the faculty members are recognized guides. Faculty members are invited to deliver talks in their specialized fields. The faculty members and their research scholars attend national, International seminars /conferences /workshops and present papers. Our students are encouraged to apply for summer research programs offered by various institutes. Every year 4- 5 students get selected.	
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	No
38.	Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department <u>Strengths:</u> S ₁ All the permanent teaching staff has more than 15 years of teaching experience. S ₂ 7 out of 11 faculty members have PhDs and most of them have more than 20 years of research experience and are actively engaged in research work. The total number of papers published in Intl/Natl journals and presented in Natl/Intl seminars, conferences during 2009-14 exceeds 150. S ₃ 9 research scholars have been awarded PhD and 10 are currently working for their PhD degree. S ₄ Many students interested in Physics enroll for B.Sc and M.Sc courses in our college from all over Karnataka, border areas of Tamilnadu and Kerala.	

<p>Weaknesses:</p> <p>W₁ Our infrastructure, like lab space, lab equipment, classrooms with multimedia facilities, books is inadequate compared to the student strength.</p> <p>W₂ A large section of our students are from rural areas and weaker sections. They take time to integrate into the college environment. By the time they leave the college even though their technical competence in Physics is good, they lack in communication and soft skills.</p> <p>W₃ Even though the college provides the language and soft skill training, our students lack time due to the hectic nature of their timetable to utilize it fully.</p> <p>W₄ In the semester scheme our students do not have enough time to take part in co-curricular activities.</p> <p>W₅ More than 50% of the teaching staff is temporary staff.</p>	
<p>Opportunities:</p> <p>O₁ With experienced teachers, our M.sc programme can be strengthened and made the most sought after program in the university.</p> <p>O₂ Many more projects can be taken up by the department provided the space is available.</p> <p>O₃ Our department can attract many more students from other districts and border areas of Tamilnadu, Kerala.</p> <p>O₄ To introduce project work to the students and encourage them to take up research in Physics.</p> <p>O₅ Tie up with industries/ training centers like L&T Electrical Unit, BSNL training center to provide hands on experience to the students and make them employable.</p>	
<p>Challenges:</p> <p>C₁ Recruitment of capable teaching faculty for permanent positions.</p> <p>C₂ To improve the communicative skills, soft skills of the students and make them employable</p> <p>C₃ To develop the department into a research center.</p> <p>C₄ To upgrade the existing labs with the available finances and space.</p> <p>C₅ To motivate the students to realize their potential and aim high.</p>	

39.	<p>Future plans of the department</p> <p>The department is basically a teaching center. Therefore it is imperative to upgrade the existing labs to the world class standards. For this the department needs to find ways of generating the finances. This we wish to take up with the agencies like VGST (Vision group of Science and Technology sponsored by Department of Science and Technology, India) under the chairmanship of C N R Rao.</p> <p>The newly started PG programme in Physics will be strengthened with well equipped laboratories, library, e-classrooms, Video lecture libraries. To introduce new specializations the department plans to acquire state of the art equipments UV spectrometers, FTIR, Powder and single crystal X-ray diffractometer, GM Counters, Multichannel Analyzer.</p> <p>The M.Sc students need to be trained in numerical methods and analysis. Therefore the department plans to acquire software like MATLAB, Mathematica.</p> <p>In terms of research output the department is in the top most position. The need of the hour is to build a computer interfaced laboratory instruments and the necessary software like Shelxs, Shelxl, Platon, Ortep, Mercury, Wingx program etc.</p>
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1.	Name of the Department and its year of establishment	Department of Sanskrit (08-08-1928)
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	UG
3.	Interdisciplinary courses and departments involved	B.Sc., BBA and BCA
4.	Annual / Semester / Choice based credit system	Semester
5.	Participation of the department in the courses offered by other departments	Nil
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors) One	
		Sanctioned
		Filled
	Professors	
	Associate Professors	1
	Assistant Professors	
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)	

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr. Y.C. Nanjundaiah	M.A., Ph.D.	Associate Professor	Alankara Shastra	28 years	04

8.	Percentage of classes taken by temporary faculty- programme-wise information	Nil
9.	Programme-wise Student Teacher Ratio	65:1
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	Nil
11.	Number of faculty with ongoing projects from a) national, b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.	Nil
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	Nil
13.	Research facility / centre with	
	• State recognition	√
	• National recognition	-

	<ul style="list-style-type: none"> • International recognition 	-
14.	Publications:	
	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national/international) 	04 (National)
	<ul style="list-style-type: none"> • Monographs 	-
	<ul style="list-style-type: none"> • Chapter(s) in Books 	-
	<ul style="list-style-type: none"> • Editing Books 	-
	<ul style="list-style-type: none"> • Books with ISBN numbers with details of publishers 	-
	<ul style="list-style-type: none"> • Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.) 	Nil
	<ul style="list-style-type: none"> • Citation Index – range / average 	-
	<ul style="list-style-type: none"> • SNIP 	-
	<ul style="list-style-type: none"> • SJR 	-
	<ul style="list-style-type: none"> • Impact factor – range / average 	-
	<ul style="list-style-type: none"> • h-index 	-
15.	Details of patents and income generated	-
16.	Areas of consultancy and income generated	-
17.	Faculty recharging strategies	-
18.	Student projects:	-
	<ul style="list-style-type: none"> • Percentage of students who have done in-house projects including inter-departmental 	Nil
	<ul style="list-style-type: none"> • Percentage of students doing projects in collaboration with industries/institutes 	Nil
19.	Awards/recognitions received at the national and international level by <ul style="list-style-type: none"> • Faculty 	Received “Jnananidhi” award from “Sanskrit Research Academy”, Melkote.
	<ul style="list-style-type: none"> • Doctoral / post-doctoral fellows 	
	<ul style="list-style-type: none"> • Students 	
20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	
21.	Student profile course-wise:	

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Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage*	
		Male	Female	Male	Female
B.Sc./BBA/BC A				100%	100%

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
B.Sc.			02	

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	-
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	100%
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	-
Entrepreneurs	-

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	-
From other Universities within the State	100%
From other Universities within the State	-
From other Universities from other States	-

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	-
27.	Present details about infrastructural facilities	
	a) Library	-
	b) Internet facilities for staff and students	Yes
	c) Total number of classrooms	01
	d) Classrooms with ICT facility	-
	e) Students' laboratories	-
	f) Research laboratories	-
28.	Number of students of the Department getting financial assistance from College	-
29.	Was any need assessment exercise	-

	undertaken before the development of new program(s)? If so, give the methodology.	
30.	Does the department obtain feedback from	-
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Yes
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	-
c)	Alumni and employers on the programmes and what is the response of the department to the same?	-
31.	List the distinguished alumni of the department (maximum 10)	Dr. V. Prakash, Ex-Director, CFTRI, Mysore. Dr. M.P. Vasanthrajaiah, Ex-Director of AIR, Chennai.
32.	Give details of student enrichment programmes (special lectures/workshops/ seminar) with external experts.	--
33.	List the teaching methods adopted by the faculty for different programmes.	Chalk and talk method
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	--
35.	Highlight the participation of students and faculty in extension activities.	-
36.	Give details of “beyond syllabus scholarly activities” of the department.	-

37.	State whether the programme/department is accredited/graded by other agencies. Give details.	--
38.	Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department Strengths: S ₁ : Competent faculty S ₂ : Good student faculty interaction S ₃ : Self motivated students Weaknesses: W ₁ : Not a elective subject W ₂ : Only Language subject W ₃ : Lack of job opportunities W ₄ : Departmental Library W ₅ : Shortage of Faculty	

	Opportunities: O₁ Improving students communication skills O₂ Improving quality & productivity O₃ Empowering students O₄ Improvement of ethical behavior O₅ Linguistic jobs Challenges: C₁ Offering open elective C₂ Introducing Sanskrit as Inter-disciplinary course opening new combinations C₃ To restructure the Syllabus C₄ Open Elective for Post-graduate departments C₅ Starting Certificate Courses	
39.	Future plans of the department	To introduce Open Elective for Post-Graduate Department

Self Study Report (3rd Cycle)

1.	Name of the Department and its year of establishment	Department of Sericulture 1988-89
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	UG PG Ph.D.
3.	Interdisciplinary courses and departments involved	Open Elective for all PG courses
4.	Annual / Semester / Choice based credit system	Semester For UG Choice Based Credit System For PG
5.	Participation of the department in the courses offered by other departments	Chemistry, Botany, Zoology, Biotechnology, Microbiology
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)	
		Sanctioned
		Filled
	Professors	
	Associate Professors	01
	Assistant Professors	02
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,) Nil	

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
DR.H.B. Mahesha	M.Sc., Ph.D.	Associate Professor	Biochemistry and Physiology	22	01
DR.Rohith L Shankar	M.Sc., M.Phil, Ph.D.	Assistant Professor	Silkworm breeding and Sericulture biotechnology	15	-
Dr.R.Anantha	M.Sc., Ph.D.	Assistant Professor	Silkworm Physiology and Genetics	27	-

8.	Percentage of classes taken by temporary faculty- programme-wise information	20%
9.	Programme-wise Student Teacher Ratio	20:1
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	Nil
11.	Number of faculty with ongoing projects from a) national, b) international funding agencies and	Nil

	c) Total grants received. Mention names of funding agencies and grants received project-wise.	
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	Nil
13.	Research facility / centre with	
	• State recognition	-----
	• National recognition	-----
	• International recognition	
14.	Publications:	
	• Number of papers published in peer reviewed journals (national/international)	23
	• Monographs	----
	• Chapter(s) in Books	----
	• Editing Books	01
	• Books with ISBN numbers with details of publishers	----
	• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)	----
	• Citation Index – range / average	93
	• SNIP	----
	• SJR	----
	• Impact factor – range / average	0.878
	• h-index	6

15.	Details of patents and income generated	----
16.	Areas of consultancy and income generated	
17.	Faculty recharging strategies	Attending Refresher Courses, Training Programmes/Conferences/Workshops etc.,
18.	Student projects:	
	• Percentage of students who have done in-house projects including inter-departmental	Nil
	• Percentage of students doing projects in collaboration with industries/institutes	Nil

Self Study Report (3rd Cycle)

19.	Awards/recognitions received at the national and international level by	00
	• Faculty	
	• Doctoral / post-doctoral fellows	00
	• Students	00
20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	Nil
21.	Student profile course-wise:	

Name of the Course (refer question no. 2)	Applications received (for all the 3years/6 semesters of the year)	Selected	Pass percentage*
		(Male+Female) Total	(Male+Female) Total
2010	38	13	100%
2011	62	58	100%
1012	90	86	98.75%
2013	155	151	93.28%
2014 (Even semesters only)	107	104	98.91%

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	Data not available
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	50 - 75%
PG to M.Phil.	Nil
PG to Ph.D.	5-10%
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	Data not available
• Other than campus recruitment	
Entrepreneurs	Data not available

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	02
From other Universities within the State	01
From other Universities from other States	00

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	01
27.	Present details about infrastructural facilities	
	a) Library	Have only few books
	b) Internet facilities for staff and students	Wi-fi facility available
	c) Total number of classrooms	01
	d) Classrooms with ICT facility	01
	e) Students' laboratories	01
	f) Research laboratories	01
28.	Number of students of the Department getting financial assistance from College	Nil
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	No
30.	Does the department obtain feedback from	Yes
	a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Effectively
	b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	Positive
	c) Alumni and employers on the programmes and what is the response of the department to the same?	Positive
31.	List the distinguished alumni of the department (maximum 10)	Dr.Jagadeesh kumar.Faculty of UOM Dr.Deepak Kumar.RA Mr.Arun pandit, Entrepreneur Mr.Devaraju.KAS Mr.Poornachandra thejasvi, PSI Ms.Pratibha.ADS

Self Study Report (3rd Cycle)

32.	Give details of student enrichment programmes (special lectures/workshops/ seminar) with external experts.	Special lectures arranged in the visiting institutions like CSRTI, Universities etc., during the study visits.
33.	List the teaching methods adopted by the faculty for different programmes.	Black Board/Multimedia/Group discussion/ Field visits/Assignments/Seminars
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	Through interaction of students.
35.	Highlight the participation of students and faculty in extension activities.	
36.	Give details of “beyond syllabus scholarly activities” of the department.	Study visit to the places of sericulture importance like, Universities, Institutions, Villages, Industries, Factories etc., Study report is and One time (in any one semester)hands on training in rearing of silkworms is compulsory.
37.	State whether the programme/department is accredited/graded by other agencies. Give details.	-----

38.	Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department	
	Strengths:	
S ₁	Sericulture is a Job oriented course, gives lot of opportunities to the students in the academic and non academic field at international, national as well as state level in the govt. and NGO's. Sericulture plays a very important role in the socio economic status of the rural population.	
S ₂	The department has three permanent teachers with doctoral degree, rich academic experience and recognized research guides for Ph.D. programmes.	
S ₃	Presently the department has got one attender and one gardner.	
	Weaknesses:	
W ₁	Subject has more of practical and hands on training approaches; hence there is an urgent need to establish a museum related to the various aspects of sericulture to give right hand information to the students.	
W ₂	The Department need one more laboratory, since it is difficult to conduct all the practical classes in the same laboratory and to install working models.	
W ₃	It is required to have one more skilled person to supervise and handling mulberry cultivation, Silkworm rearing (continuously to generate some fund) and silkworm egg production and storage for next use.	
W ₄	The department laboratories needs up-gradation with modern facilities, equipments, working models of different sericulture phases etc.,	
	Opportunities	
O ₁	The Faculty as well as students (UG, PG & Research) have an opportunity for their overall academic progress using the available facilities in the College	

O₂	Campus, within the University Campus as well as supporting Agencies.	
O₃	The students are given hands on training in silkworm rearing and silk reeling.	
	They can take up sericulture as a self employment or can join any NGO's.	
	Challenges	
C₁	The department is facing lot of challenges, there were only few aspirants for the subject sericulture until recently. Now the student strength is picking up as combinations with sericulture have increased over the recent past.	
39.	Future plans of the department	To offer M.Sc. in Seribiotechnology or Life Sciences

Self Study Report (3rd Cycle)

1.	Name of the Department and its year of establishment	Department of Statistics 1924(in Maharaja's College)
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	UG-B.Sc.
3.	Interdisciplinary courses and departments involved	Bio-Statistics-Molecular Biology Business Statistics- Management
4.	Annual / Semester / Choice based credit system	Semester
5.	Participation of the department in the courses offered by other departments	Teaching and Consultancy
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)	
		Sanctioned
		Filled
	Professors	00
	Associate Professors	01
	Assistant Professors	01
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)	

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr. Vidya, R	M.Sc. , Ph.D	Associate Professor	SQC, Multivariate , and Count Regression Analysis	26	---
Bhat Satish Shankar	M.Sc. , M.Phil	Assistant Professor	Multivariate Analysis and Inference	20	---

8.	Percentage of classes taken by temporary faculty- Programme-wise information	UG: 25%
9.	Programme-wise Student Teacher Ratio	UG: 25 : 1
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled	NIL
11.	Number of faculty with ongoing projects from a) national, b) international funding agencies and c) Total grants received. Mention	-----

	names of funding agencies and grants received project-wise.	
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	-----
13.	Research facility / centre with	-----
	<ul style="list-style-type: none"> • State recognition • National recognition • International recognition 	
14.	Publications:	
	<ul style="list-style-type: none"> • Number of papers published in peer reviewed journals (national/international) 	02
	<ul style="list-style-type: none"> • Monographs 	----
	<ul style="list-style-type: none"> • Chapter(s) in Books 	-----
	<ul style="list-style-type: none"> • Editing Books 	---
	<ul style="list-style-type: none"> • Books with ISBN numbers with details of publishers 	---
	<ul style="list-style-type: none"> • Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.) 	-----
	<ul style="list-style-type: none"> • Citation Index – range / average 	-----
	<ul style="list-style-type: none"> • SNIP 	-----
	<ul style="list-style-type: none"> • SJR 	-----
	<ul style="list-style-type: none"> • • 	
	<ul style="list-style-type: none"> • Impact factor – range / average 	-----
	<ul style="list-style-type: none"> • h-index 	-----
15.	Details of patents and income generated	-----
16.	Areas of consultancy and income generated	-----
17.	Faculty recharging strategies	1. Bhat Satish Shankar 3- RC
18.	Student projects:	
	<ul style="list-style-type: none"> • Percentage of students who have done in-house projects including inter-departmental 	-----

Self Study Report (3rd Cycle)

	<ul style="list-style-type: none"> Percentage of students doing projects in collaboration with industries/institutes 	-----
19.	Awards/recognitions received at the national and international level by <ul style="list-style-type: none"> Faculty 	-----
	<ul style="list-style-type: none"> Doctoral / post-doctoral fellows 	-----
	<ul style="list-style-type: none"> Students 	-----
20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	
21.	Student profile course-wise:	

Name of the Course (refer question no. 2)	Applications received	Year	Selected		Pass percentage*	
			Total	Female	Total	Female
B.Sc.	NA	2014	33		93.54	
		2013	42		97.43	
		2012	48		92.86	
		2011	38		84.85	
		2010	30		89.29	

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
UG	--	98	2	--

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	Data Not available
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24. Student progression

Student progression	Percentage against enrolled
UG to PG	40%
PG to M.Phil.	---
PG to Ph.D.	---
Ph.D. to Post-Doctoral	----
Employed <ul style="list-style-type: none"> Campus selection Other than campus recruitment 	5% 10%
Entrepreneurs	---

25. Diversity of staff

Percentage of faculty who are graduates	
of the same Parent University	----
From other Universities within the State	100%
From other Universities from other States	-----

26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	-----
27.	Present details about infrastructural facilities	
	g) Library	YES
	h) Internet facilities for staff and students	YES
	i) Total number of classrooms	02
	j) Classrooms with ICT facility	YES
	k) Students' laboratories	YES
	l) Research laboratories	----
28.	Number of students of the Department getting financial assistance from College	NA
29.	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	-----
30.	Does the department obtain feedback from	
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	YES Curriculum /syllabi will be discussed thoroughly at the time of board of Studies meeting
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	YES The response is discussed in the Departmental council meeting as well with Principal for improvement
c)	Alumni and employers on the programmes and what is the response of the department to the same?	----
31.	List the distinguished alumni of the department (maximum 10)	
	Name	Current Position
	1.Prof. M. N. Gopalan, 2.Prof. A.T. Bhayshyam. 3.Prof. Sundararaje Urs 4.Dr. Nagesh,	Rtd. Prof. IIT Bmbay Rtd. Prof SJCE Mysore, Rtd .Prof. Maharaja College, Mysore Associate Prof. Karnataka University,

	5.Dr. Raghunath, 6.Mr. Pawan Katti, 7.Mr. Manjunath Y R, 8.Mr. Yoganand M.C. 9.Mr. Mallik M.N., 10.Vadiraj Kadekar,	Dharwad, Associate Prof. SDM College, Ujeri Senior Analyst, Nelson Indi a, Bangalore Team Lead, Tech Mahendra, Bangalore Tech Lead, AIG Company, Bangalore Project Manager, Hewiett Packrd, Bangalore Regional Manager, Axis Bank, Bangalore
32.	Give details of student enrichment programmes (special lectures/workshops/ seminar) with external experts. Celebrated International Year of Statistics during 2013-14 with following Programmes: a) Special lectures were given by several eminent speakers: Lecture series by 1. Prof. A.T. Bhayshyam. Retd. Prof SJCE Mysore on the topic: Statistics Simplified 2. Prof. M.N. Gopalan, Retd. Prof. IIT Bmbay on the topic: Srimadbhagvadgeethga and management Science, a comparative study 3. Dr.. B.S. Biradar, Chairperson, DOS in Statistics on the topic : Statistics and Future 4. Dr. Karthik Bharath , Senior Faculty, University of Nottingham, U.K. on the topic: Statistics and Finance b) Dept. organized Intercollegiate Quiz in “ General awareness in Probability and Statistics ” c) Interaction with Alumni of the department and discussed on the topic Project proposal d) Organized different activities like, memory game, quiz, seminars, statistics puzzles etc. as part of celebrations of International Year of Statistics	
33.	List the teaching methods adopted by the faculty for different programmes.	Black – board; Using LCD projector; Computer generated projects
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	By taking feedback regularly from the students and faculty. Regular departmental meetings are held to plan the immediate future. Theory subjects are closely monitored with practical classes. Regularly conduct Test, assignment Quiz , mini projects ..etc.
35.	Highlight the participation of students and faculty in extension activities.	Students actively participate in NSS, NCC and social involvement programmes organized by the College/University
36.	Give details of “beyond syllabus scholarly activities” of the department. 1. Industrial Visits: Taking students to Vikranth Tyres to demonstrate the Control charts in industry as part of the syllabus. 2. Taknig students to NSSO (Field operation division) to know about NSSO and its functioning 3. Students participate in the Annual Science Fest “Yureka” Yearly organized in the college	

	<p>2011-12 Final year Students attended one day workshop on “ Creating awareness about official Statistics in India”, Misnistry of Statistics</p> <p>2012-13 1. Two team of students visited Yashavanth Rao Chavan Maharastra Open University, Nasik, to participate in the National Level Project competition to enmark the International Year of Statistics</p> <p>2013-14 1. Students attended in two National Level workshop on “ Developments in Statistics Methods for Data Analysis of Excluded groups organized by Dept. of Center for the study of Social Exclusion and Inclusive Policy and Ministry of Statistics and Programme</p> <p>Faculty members: a. Dr. R Vidya : Nodal Officer for AISHE of the College, UGC coordinator, Coordinator for Web committee, Member of RUSA , Member of Sports Committee, Member of Planning and Development committee, Member for many other committees of the college and involved in any other academic activities assigned by the College authority . Bhat Sathish Shankar: Nodal Officer for Karnataka SAKALA-Act, Deputy Nodal Officer for AISHE, of the University of Mysore, member of Co-operative Society of the College, involved in any other academic activities assigned by the college authority .</p>	
37.	<p>State whether the programme/department is accredited/graded by other agencies. Give details.</p>	No

38.	<p>Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department</p> <p>Strengths:</p> <p>S₁ Committed teaching faculty, Self Motivated and Determined S₂ Strive for holistic growth of students S₃ Good student faculty interaction S₄ Good co-ordination and co -operation/Team work. S₅ Helpful in helping teammates.</p> <p>Weaknesses:</p> <p>W₁ Departmental Library to be improved W₂ Inadequacy permanent faculty W₃ Too helpful: Crossing limits while helping teammates. W₄ Lack of communication skills among students W₅ Input of low caliber students</p>	
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<p>O₁ Improving students Communication Skills O₂ Improving Quality and Productivity O₃ Creating Workforce O₄ Empowering Students and Improving Ethical Behavior O₅ Interdisciplinary research work</p>	<p>Opportunities</p>
<p>C₁ Potential for starting job oriented/Industry oriented courses and short term certificate courses C₂ To restructure the syllabus to make the students competent individuals and acquire greater employability in result to attract more students towards the subject Statistics C₃ To increase collaboration with industries and research institutions C₄ Balancing Teaching and department work, Research work and Administrative work like maintaining the college web, UGC coordinator, College Nodal officer for AISHE Programme, launched by MHRD, helping hand in preparing RUSA proposal, and any other administrative work assigned by the head of the institution.</p>	<p>Challenges:</p>

39.	Future plans of the department	<ol style="list-style-type: none"> 1. Creation of job oriented courses with more practical classes 2. Introducing Statistics as interdisciplinary course by opening new combinations 3. Offering new elective
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Self Study Report (3rd Cycle)

1.	Name of the Department and its year of establishment	Department of Zoology 1928	
2.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc)	UG, Ph.D.	
3.	Interdisciplinary courses and departments involved	Mol. Biology	
4.	Annual / Semester / Choice based credit system	Semester	
5.	Participation of the department in the courses offered by other departments	Nil	
6.	Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)		
		Sanctioned	Filled
	Professors		-
	Associate Professors		02
	Assistant Professors		04
7.	Faculty Profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M.Phil. etc.,)		

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
1. Dr. Chandra Mohan K.	M.Sc. M.Phil., Ph.D.	Associate Professor	Reproductive Biology & Endocrinology	20 years	-
3. Dr. S. C. Jayaramu	M.Sc., Ph.D.	Assistant Professor	Cell-Biology	23 years	-
4. Dr. Mahadevaswamy M.	M.Sc., Ph.D.	Assistant Professor	Environmental Biology	21 years	-
5. Dr. Prathibha M.	M.Sc., Ph.D.	Assistant Professor	Cell-Biology	23 years	--
6. Dr. Ashadevi J. S.	M.Sc., Ph.D.	Assistant Professor	Genetics	08 years	04
8.	Percentage of classes taken by temporary faculty- programme-wise information			40%	
9.	Programme-wise Student Teacher Ratio			50: 1	
10.	Number of academic support staff (technical) and administrative staff: sanctioned and filled			NIL	

11.	Number of faculty with ongoing projects from a) national, b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. a) National projects; 02, UGC : 10.26 lakhs ;Title- “Effect of Shathavari (<i>Asparagus racemosus</i>) plant on ageing in <i>Drosophila melanogaster</i> ”.	
12.	Departmental projects funded by DST-FIST; DBT, ICSSR, etc., total grants received	UGC Rs. 10.26 Lakhs
13.	Research facility / centre with	Nil
14.	Publications:	
	• Number of papers published in peer reviewed journals (national/international)	23
	• Monographs	--
	• Chapter(s) in Books	--
	• Editing Books	01
	• Books with ISBN numbers with details of publishers	02
	• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)	Nil
	• Citation Index – range / average	
	• SNIP	
	• SJR	
	• Impact factor – range / average	
	• h-index	02

15.	Details of patents and income generated	--
16.	Areas of consultancy and income generated	--
17.	Faculty recharging strategies	Refresher courses ; Dr. S. C. Jayaramu --03 Dr. M. Mahadevaswamy-02 Dr. M.Prathibha - 03 Dr. Ashadevi J.S. – 02
18.	Student projects:	
	• Percentage of students who have done in-house projects including inter-departmental	5%
	• Percentage of students doing	3%

Self Study Report (3rd Cycle)

	projects in collaboration with industries/institutes	
19.	Awards/recognitions received at the national and international level by <ul style="list-style-type: none"> • Faculty 	--
	<ul style="list-style-type: none"> • Doctoral / post-doctoral fellows 	--
	<ul style="list-style-type: none"> • Students 	---
20.	Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.	Seminars; 02(in collaboration with other department) Funded by UGC
21.	Student profile course-wise:	

Name of the Course (refer question no. 2)	Applications received	Selected	Pass percentage*
		Total	Total
B. Sc., 2010-11	400	250	93.75%
2011-12	280	95	94.00%
2012-13	300	187	97.71%
2013-14	330	149	97.75%

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the State	% of students from other States	% of students from other countries
UG	98%	96%	2%	-

23.	How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?	20%
-----	--	-----

24. Student progression

Student progression	Percentage against enrolled
UG to PG	80%
PG to M.Phil.	--
PG to Ph.D.	---
Ph.D. to Post-Doctoral	---
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	3% 7%
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates of the same Parent University	04
From other Universities within the State	01
From other Universities from other States	01

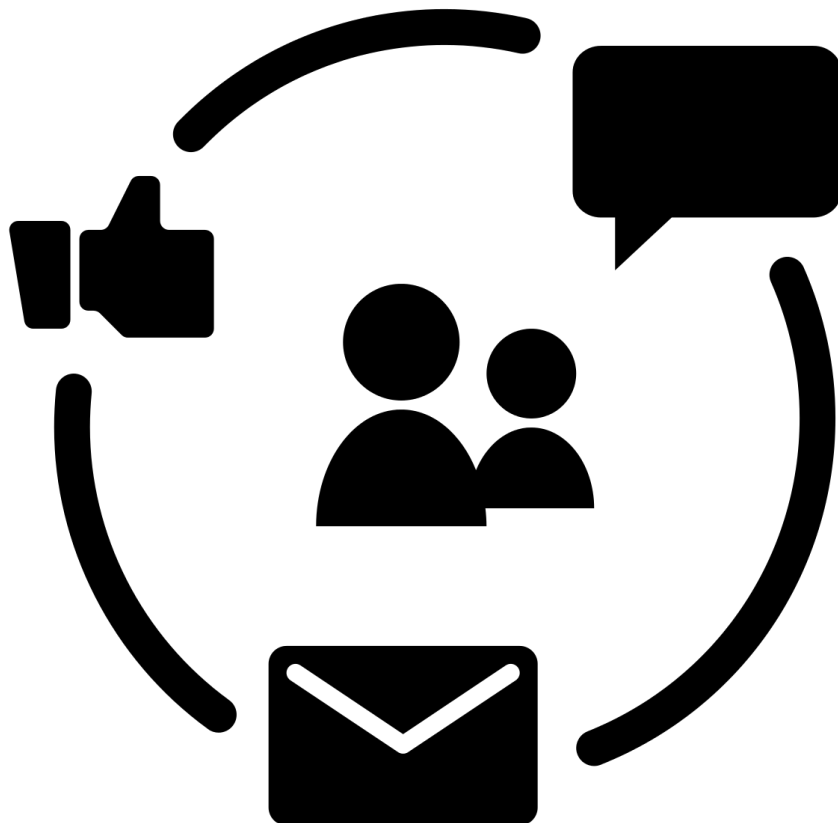
26.	Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period	01
27.	Present details about infrastructural facilities	Microscope, Steriozoams, Centrifuge, Electrophoretic unit, Coalrimeters, Digital balance.
	a) Library	Yes
	b) Internet facilities for staff and students	Yes only for staff
	c) Total number of classrooms	01
	d) Classrooms with ICT facility	01
	e) Students' laboratories	02
	f) Research laboratories	03
28	Number of students of the Department getting financial assistance from College	Nil
29	Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.	No
30.	Does the department obtain feedback from	Yes,
a)	Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?	Valid suggestions are discussed in the Department meeting and implemented.
b)	Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?	Suggestions are plaed in the department meeting and required changes are made after BOS meeting, upgrade the Syllabus based on BOS meeting.
c)	Alumni and employers on the programmes and what is the response of the department to the same?	No

31.	List the distinguished alumni of the department (maximum 10)		
	Sl. No.	Name	Current position
	1	Sri Siddaramaiah	Present Chief Minister of Karnataka
	2	Prof. H. A. Ranganath	Former VC of Bangalore University, and Farmer Director of NAAC.
	3	Prof. Bislaiah	Former VC of Agriculture University, G.K.V.K., Bangalore.
	4	Dr. Vasanth Kumar	Plant pathologist
	5	Sri H. S. Ashokananda	Director Advocacy, Karnataka Health Promotion Trust, Bengaluru
	6	Dr. C. G. Narasimhan	Surgeon, Mysore
	7	Mr. Suresh Babu	Rtd. IGP, Bangalore.
	8.	Dr. S. Murali	Optomologist, Mysore
	9.	Dr. Venkatesh H.S.	Psychiatrist, Prerana Clinic, Mysore
10	Dr. Vishweshwara	Physician, Kamakshi Hospital, Mysore	
32	Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts.	Lectures by Prof. Siddaramaiah on <ol style="list-style-type: none"> 1. Indian Birds. 2. Biodiversity of Butterfly 3. Field visits-Bird watching in Kukkarahalli lake 	
33	List the teaching methods adopted by the faculty for different programmes.	<ol style="list-style-type: none"> 1. Black Board and chalk method 2. E- class room 3. Interactive sessions 4. Student seminars. 5. Learning method 6. Independent learning 7. Collaborative learning, Seminar and workshops. 	
34	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	Continuous upgradation of the Syllabus in accordance with the contemporary development in the area of study and the outcome is gauged through outcome of the class tests and Assignments, Class seminar, Quiz, viva etc.	
35.	Highlight the participation of students and faculty in extension activities.	Through Zoo visit Dairy visit, Participation in the NSS and NCC programmes, Hands on training-like Vermiculture etc.	
36.	Give details of “beyond syllabus scholarly activities” of the department.	Deputing the students to attend the seminars, workshops, quize,	

		<p>debate competition to promote their skills</p> <p>Encouraging the students by making charts and science models.</p> <p>Few faculty members are working as ‘Co-ordinator’ In People Biodiversity Project organized by Karnataka biodiversity Board, Govt. of Karnataka. Few students are also involving this programme.</p>
37	State whether the programme/department is accredited/graded by other agencies. Give details.	No
38	<p>Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department</p> <p>Strengths:</p> <p>S₁ The number of students opting for the subject increases year after year and there is a huge.</p> <p>S₂ All the six faculty members are highly qualified with Doctoral degree.</p> <p>S₃ Heritage building, housing two big laboratories as well as accommodate research labs.</p> <p>S₄ Availability of expertise and academicians for suggestions in almost field of Biology.</p> <p>S₅ Zoology is one among the corollary subject in the area of Biology, student can enter diversified fields like Sericulture, Environmental science, Forensic science etc., after graduation which improves and increase the job opportunities of the student.</p> <p>S₆ Highest number of Ph.D. students working in the laboratory with fellowships in various research funding such as UGC, UGC-RGNF, ICMR, DST- INSPIRE.</p> <p>S₇ Informal teacher-student relationship.</p> <p>S₈ Having unique well furnished museum</p>	
	<p>Weaknesses;</p> <p>W₁ The shortage of space for further expansion, especially for research.</p> <p>W₂ Limited number of regular faculty members.</p> <p>W₃ Inadequate infrastructures.</p> <p>W₄ Inability to accommodate and cater all the student who opted to study the course.</p> <p>W₅ Ethical implications.</p> <p>W₆ Lack of Research center.</p> <p>Opportunities;</p> <p>O₁ After completion of the course student can opt for varied courses.</p> <p>O₂ With little training they can create and have self employments.</p> <p>O₃ Scope for opening post- graduation.</p> <p>O₄ As ecological condition are so varied in and around Mysore, research work can be carried on varied and wider aspects.</p> <p>O₅ Collaboration research can be carried out as our College is situated in close</p>	

	proximity to the leading Institutes like CFTRI, DFRL, Fishery research center, and place like Renowned Zoo etc.	
	Challenges;	
C ₁	As the students are from wider cross section of the society, it is a challenge to cater the needs of all.	
C ₂	As there are strict “Ethical” loss brought into force in recent time, it is a challenge to find out the alternatives to compensate the depth of practical knowledge.	
C ₃	Due to more student strength, it is difficult to organize some curriculum related programmes like study tour, field trip etc.	
C ₄	Even though, we are large number of students score through come out with distinction, I class, poor job opportunity.	
C ₅	Attracting good quality students and good faculties.	
39.	Future plans of the department	<ul style="list-style-type: none"> • Start the new PG courses in related field. • Start Certificate courses. • Extend the research work.. • Collaborative Research Projects with other Institutes.

Post Accreditation Initiatives



POST ACCREDITATION INITIATIVES OF THE INSTITUTION

The peer team which assessed and accredited Yuvaraja's college in 2008 made the following recommendations. Given below are the measures initiated by the college to implement them.

- *Recommendation 1:* Introduce few more courses in innovative/emerging/job-oriented areas.
As noted the review committee's recommendations during the year 2014-15 new Postgraduate courses M.Sc. in Physics, Mathematics, Botany and MA in English were started. In addition to this, MBA course was started in the same year to meet the aspirations of the public giving an opportunity for higher studies in Management for the BBA qualified students.
- *Recommendation 2:* Establish collaborative linkages with other institutes/organizations for teaching and research
For teaching and research, collaborative linkages with the institutes such as CFTRI, DFRL etc. is sustaining due to active continuous participation and interaction of scientists in a variety of fields for mutual benefit. This arrangement has helped in a big way owing to shortage of faculty for teaching in the college.
- *Recommendation 3:* Close linkage among language departments and establishment of a language laboratory
Under the programme of CPE of UGC an English language laboratory has been established in the college.
- *Recommendation 4:* Enhancement of the culture of using ICT as tool for teaching-learning process
ICT for teaching, learning has been given a priority by establishing a LAN (speed of 1Gbps) connecting all the departments with the administrative system and full computerization is established. There are 7 e-class rooms which are being utilized optimally for teaching using the teaching aids. Many more e-class rooms are planned for the current year.
- *Recommendation 5:* Further modernization of science laboratories
The science laboratories are being modernized in structure to suit the needs of contemporary research and teaching by furnishing and upgrading the existing equipments and by purchase of the latest equipment wherever necessary. The equipment including computers are maintained by AMC to facilitate effective utilization without interruption.

- *Recommendation 6:* Computerization of the library with availability of on-line facilities

The college library has a good number of books for reference and lending to the students and staff. The library database is computerized and can be accessed for availability from remote places through the network. Several e-journals/books are made available to the students and staff through regular subscription.

- *Recommendation 7:* Establish close linkage with the Alumni Association

The college with several decades of service in higher education has remained in the minds of very distinguished personalities in diverse fields of research, politics and philosophy. The members of the Alumni association have been generous in their contribution to continue the social achievements such as Mid-day meals to encourage the economically weaker sections of the students.

- *Recommendation 8:* Interdepartmental linkages in teaching and research may be established and also facilitate use of equipments of different departments by all teachers

As per the recommendations of the review committee, inter departmental academic activities between departments of related subjects to promote dissemination of knowledge by conducting seminars organized by joint participation to promote multi disciplinary research. The equipment purchased in the college by a department are being utilized in case of necessity by all other departments.

- *Recommendation 9:* Strengthening of placement, counseling and other support services

There is a Career Guidance and Placement Cell in the college instituted for the purpose of providing a base for establishing communication between the student data base accessible to the companies/industries for placement/counseling for higher education. The cell is functioning well under the leadership of a senior teacher as the Convenor.

- *Recommendation 10:* The college needs to formulate a long term perspective plan

As recommended by the review committee, there is a long term plan for elevating this college to greater heights in the field of higher education with a motto “Higher education for all” through the support of extension activities of the college. There is a lot of funding from the UGC and State Government under RUSA with a plan proposal stretching for a coming decade keeping in view of the developments in academics, sports and extra-curricular activities at the National level.

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UNIVERSITY OF MYSORE

YUVARAJA'S COLLEGE (Autonomous)

(CONSTITUENT AUTONOMOUS COLLEGE OF THE UNIVERSITY OF MYSORE)

(College with "Potential for Excellence")

JLB ROAD, MYSORE-570 005, KARNATAKA, INDIA



Ref: YCM/ /201 -201

Date

Encl

13-03-2015

Dr. H. NANJE GOWDA, M.Com., Ph.D.,
Principal

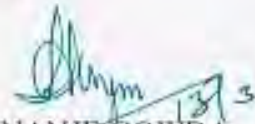
CERTIFICATE OF COMPLIANCE

This is to certify that Yuvaraja's College, Mysore fulfills all norms

1. Stipulated by the Parent University and /or
2. Regulatory Council/Body [UGC] and
3. The affiliation and recognition is valid as on date.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University Constituent Status or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.


Dr. H. NANJE GOWDA
Principal

(Name and Signature with
Office seal)

Principal

Yuvaraja's College (Autonomous)
University of Mysore
Mysore-570 005

Date: 13-03-2015

Place: Mysore