



Yearly Status Report - 2017-2018

Part A

Data of the Institution

1. Name of the Institution	YUVARAJA'S COLLEGE (AUTONOMOUS)
Name of the head of the Institution	Dr. R. Ganesha
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08212419240
Mobile no.	9980111999
Registered Email	drvidyalaraju02@gmail.com
Alternate Email	Iqac.ycm18@gmail.com
Address	University of Mysore, J.L.B. Road
City/Town	MYSORE
State/UT	Karnataka
Pincode	570005
2. Institutional Status	

Autonomous Status (Provide date of Conformant of Autonomous Status)	09-Jan-2006
Type of Institution	Co-education
Location	Urban
Financial Status	state
Name of the IQAC co-ordinator/Director	Dr. R. Vidya
Phone no/Alternate Phone no.	08212344504
Mobile no.	9448977945
Registered Email	drvidyaraaju02@gmail.com
Alternate Email	iqac.ycm18@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://ycm.uni-mysore.ac.in/pdfs/AOAR-YCM%202016-17.pdf
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4. Whether Academic Calendar prepared during the year

Yes

if yes, whether it is uploaded in the institutional website:
Weblink :

<http://ycm.uni-mysore.ac.in/>

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	4	2001	23-Oct-2001	22-Jul-2008
2	B	2.28	2009	15-Jan-2009	14-Jun-2014
3	A	3.34	2016	19-Jan-2016	18-Jan-2021

6. Date of Establishment of IQAC

20-Sep-2012

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Food Adulteration Awareness Camp, Forsensic Fair	19-Dec-2017 3	120
Nutrition Week, Cheluvamba Hospital	03-Sep-2017 4	120
Feedback from Students on Teaching Staff	03-May-2018 3	3100
Yureka 2018' fest	08-Mar-2018 2	2300
National Conference on	29-Jan-2018 2	168
Talent Search Programme	21-Aug-2017 2	550
Women empowerment and Gender sensitization	13-Jul-2017 1	850
Organising orientation programme for UG and PG students at the beginning of the academic year	13-Jul-2017 2	620
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8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Yuvaraja's college	CPE	UGC	2018 3	10300000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Discussion Classes: Some Departments of the college conduct discussion classes every Saturday from 2.30 pm to 5.30 pm. These discussion classes provide a platform to the UG and PG students to gain indepth knowledge on various topics. The students are given topics on which they make a presentation. These classes aim at creating an interest among the students to go for higher studies at institutes of repute. Discussion classes help the students to prepare and write the summer research projects, and to train the students to write the Common entrance examinations like JAM, JEST, KSET, NET, GATE, KVPY, CET for PG courses etc.

2. Yureka Science fest: Yureka Science fest is being organised every year during the even semester. This fest mainly focuses on propagation of Science, along with art and literary events. Every year students come up with innovative ideas to make YUREKA a huge success amongst the student fraternity attracting more than 2000 students from in and around Mysore. This fest brings to the fore the organisational skills among the students and instills in them a feeling of togetherness and camaraderie which is very important to have a positive orientation in life.

3. Orientation Programme : In the beginning of every academic year, the college under aegis of IQAC and the Career Guidance and Placement Cell, organises a twoday Orientation Programme to welcome the new entrants to our college. The new students are made aware about all the rules and regulation, dos and donts and also they are made familiar with the rich legacy of the college. They are informed about the curriculum and the examination procedure. One of the best practices of our college is to organize a workshop on Gender Sensitization during the twoday orientation programme. As a result, the students are made aware about their behaviour towards the female counterparts. Also sessions on health and hygiene, Career guidance, interaction with the senior passed out students are held.

4. feedback: The feedback from students are collected and collated for further deliberations and actions,. Based on the insights obtained the departments were informed to plan for the revision in curriculum and policy decisions required in order to fulfill various requirements of students on their teaching learning experience in the college

5. organise a conference/seminar/lecture series: One of the best practices in our college is to organise a conference/seminar/lecture series in honour of the senior teacher who are on the verge of retirement of Service. One such conference was held by the Department of Mathematics, on 29-30 Jan 2018. This was a twoday National Conference on Geometric Function Theory and its applications in association of University of Mysore, Mysuru. This conference was organised in honour of Dr. S. Latha, Professor, Dept of Mathematics, who attained her superannuation on 31st Jan 2018. This conference attracted more than 150 participants from all over the country. Eminent subject experts in the field of Geometric Function theory were invited from different parts of the country.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To organise Conference/Seminar, Workshop, Awareness programme on different issues.	Organised twoday training program on "certificate for certified Halal Compliance Professionals
To organise Conference/Seminar,	National conference on Food-based

Workshop, Awareness programme on different issues.	Approaches for Translational Nutrition" in association with NSI Mysore chapter
To organise Conference/Seminar, Workshop, Awareness programme on different issues.	National Conference on "Geometric Function, Theory and its Applications" in association of University of Mysore
To organise Conference/Seminar, Workshop, Awareness programme on different issues.	Symposium on "Change the future of migration: Invest in food security and rural development Nutrition" in association with NSI Mysore chapter
To organise Conference/Seminar, Workshop, Awareness programme on different issues.	Workshop on Add on Communicative English to improve the communication skill of students
To organise Conference/Seminar, Workshop, Awareness programme on different issues.	"Adolescent Nutrition status assessment Camp" In Collaboration with Vishwa prajna composite college, Mysore
To organise Conference/Seminar, Workshop, Awareness programme on different issues.	National Nutrition week
Enhancing research activities	Teaching staff are encouraged to take up research activities, publish papers in peer reviewed journals and participate in national and international conferences/seminars/workshops etc. About 20 teaching staff were benefitted by it.
Celebration of Graduation Day	The College has celebrated Graduation Day on 06-01-2018. Dr. M.K. Surappa, Honorary Professor, Department of Materials Engineering, Indian Institute of Science (IISc), Bengaluru and former Director, IIT - Ropar was the Chief Guest.
Encouraging summer projects	Students were selected for All India level summer programme offered from premier institutions for a period of 2-3 months with summer fellowship of 10000/- per month. Students participated in the following institutions: The Biology Olympiad Lab, Homi Bhabha Centre for Science Education-Bombay,
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">IQAC committee</td> <td style="text-align: center;">07-Jan-2019</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	IQAC committee	07-Jan-2019
Name of Statutory Body	Meeting Date				
IQAC committee	07-Jan-2019				
15. Whether NAAC/or any other accredited	No				

body(s) visited IQAC or interacted with it to assess the functioning ?	
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2018
Date of Submission	02-Mar-2018
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>1. Fully computerized office and accounts Principal is directly assisted by Administrative officer who is appointed by VC the Governing body chairman of our college Administrative Officer supports principal in all administrative issues. Two Superintendents are appointed, one looks after the financial matter and the other looks after the general issues and administration issues. Eight support staff to help the accounts superintendent, the accounts section caters the need of all financial matters in respect of the staff members of the and monitors all the transaction of the institute. Ten support staff to help the Superintendent General, General section of the institute mainly deals with student Admission process and all matters related to staff and students. 2. Fully computerized examination resultsthe college has an examination wing, Controller of examination is appointed to look after the examination issues. Eight support staff to help the examination section, which mainly takes care of conduct of Examination, the announcement of results and issue of Grade sheets and Degree Certificates. 3. Display of all important notifications and other information through the college website.</p>

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
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BSc	BSCCBCSYCM	Biochemistry	04/09/2017
BSc	BSCCBCSYCM	Biotechnology	04/09/2017
BSc	BSCCBCSYCM	Botany	04/09/2017
BSc	BSCCBCSYCM	Chemistry	04/09/2017
BSc	BSCCBCSYCM	Computer Science	04/09/2017
BSc	BSCCBCSYCM	Electronics	04/09/2017
BSc	BSCCBCSYCM	English	04/09/2017
BSc	BSCCBCSYCM	Environmental Science	04/09/2017
BSc	BSCCBCSYCM	Food Science Nutrition	04/09/2017
BSc	BSCCBCSYCM	Geology	04/09/2017
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BSc	BSc	04/09/2017	BSc	04/09/2017
BBA	BBA	04/09/2017	BBA	04/09/2017
BCA	Computer Applications	04/09/2017	BCA	04/09/2017
MSc	Chemistry	04/09/2017	MSc	04/09/2017
MSc	Mathematics	04/09/2017	MSc	04/09/2017
MSc	Physics	04/09/2017	MSc	04/09/2017
MSc	Botany	04/09/2017	MSc	04/09/2017
MSc	Food Science and Nutrition	04/09/2017	MSc	04/09/2017
MSc	Molecular Biology	04/09/2017	MSc	04/09/2017
MBA	MBA	04/09/2017	MBA	04/09/2017
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BSc	Chemistry - Chemistry paper - I	04/09/2017
BSc	Botany - Plant Physiology and Metabolism	04/09/2017
BSc	Botany - Plant Anatomy, Embryology of Angiosperms and Plant Ecology	04/09/2017
BSc	Bio-technology - Plant Tissue & Animal cell culture	04/09/2017

BSc	Bio-technology - Cell biology & Genetics	04/09/2017
BSc	Bio-technology - Biomolecules & Microbiology	04/09/2017
BSc	Biochemistry - Colorimetric Estimations	04/09/2017
BSc	Biochemistry - Metabolism - I	04/09/2017
BSc	Biochemistry -Proteins and Biochemical Techniques	04/09/2017
BSc	Biochemistry - Bio-chemical Techniques and Enzymology	04/09/2017
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Zoology	04/09/2017
BSc	Computer Science	04/09/2017
BSc	Botany	04/09/2017
BSc	Environmental Science	04/09/2017
BSc	Sanskrit	04/09/2017
BSc	Biotechnology	04/09/2017
BSc	Food Science and Nutrition	04/09/2017
BBA	Business Administration	04/09/2017
BCA	Computer Applications	04/09/2017
BSc	Statistics	04/09/2017
BSc	Mathematics	04/09/2017
BSc	Kannada	04/09/2017
BSc	English	04/09/2017
BSc	Hindi	04/09/2017
BSc	Electronics	04/09/2017
BSc	Physics	04/09/2017
BSc	Geology	04/09/2017
BSc	Chemistry	04/09/2017
BSc	Microbiology	04/09/2017
Integrated(PG)	Molecular Biology	04/09/2017
BSc	Biochemistry	04/09/2017
BSc	Sericulture	04/09/2017

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Communication Skills - BBA (2nd Year)	04/09/2017	25
Communication Skills - BCA (2nd Year)	04/09/2017	103
Communication Skills - MA	04/09/2017	13
Human Physiology I	04/09/2017	27
Human Physiology II	04/09/2017	27
Principles of Nutrition I	04/09/2017	27
Principles of Nutrition II	04/09/2017	27
Food Processing and Quality Control	04/09/2017	27
Therapeutic Nutrition	04/09/2017	27
Food Science and Food Processing- I	04/09/2017	27

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Chemistry	20
BSc	Food Science and Nutrition	24
BSc	Geology	8
MBA	Management Science	50
MSc	Molecular Biology	35

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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	No
Alumni	No
Parents	No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
The institution collects the feedback on curriculum aspects, about the institution and Teachers from students.. Periodical analysis is made by the

College Council from the following: student performance, faculty performance, institution performance every year for the utilization of infrastructure and requirements for quality enrichment. Yuvaraj's College thoroughly reviews the curriculum for every academic year. The college maintains an IQAC cell as a quality consistence and quality enhancement measure. In supervision of IQAC, committees are formed. To name a few Grievance appeal committee, Disciplinary committee/ students welfare committee, Career guidance and placement cell, Examination committee, Library committee, Yuvachintana committee, Jnanavahini(Extra curricular) committee, Science form, committee for Extension activities, Women empowerment committee, Sport, NSS, NCC comities, Cooperative society, Sexual harassment committee/internal complaints committee etc. Reinforce the curriculum by incorporating updated information and diurnal social issues in BOS are discussed. Institute collects the feedback physically from Students, Institution established Academic Council in order to ensure and analyze the academic excellence at student and faculty levels Based on the student feedback to make the teaching more practical based and interesting, necessary action has been taken by institution head and governing council. The Board of Studies (BoS) for each department conducted a meeting annually wherein the feedback given by the students on subject modification were put forward to the committee for consideration. Based on the expert comments of the BoS, the committee took a final decision for the required modification of syllabus.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MSc	Botany	30	207	27
BCA	Computer Applications	60	385	59
BSc	Science	800	2878	731
BBA	Management Studies	40	65	33
MSc	Chemistry	60	280	45
MSc	Food Science and Nutrition	30	90	27
MSc	Mathematics	45	570	45
MSc	Physics	36	290	36
MSc	Molecular Biology	20	95	20
MA	English	10	25	9

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses

2017	2386	267	100	2	102
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2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
362	120	228	15	6	7
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The college has systematic approach for the student welfare via mentoring. Each department in the college has been assigned with students based on combination. In turn the departments have assigned faculty for the mentoring system. The mentoring is based on the following criteria . 1. a. Get to know each other. b. Needs and aspirations of the students. 2. a. Counseling regarding jobs. b. Counseling regarding higher education. c. Counseling regarding projects, entrance exams and competitive exams. 3. Social responsibility, moral values and gender equality. 4. Physical and mental health issues. 5. Miscellaneous. The mentoring is a continuous process in the College but most often the students are encouraged to discuss the issues during lab hours. Once the issue is noted the department faculty will provide appropriate guidance to the students and try to solve the issue.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2653	102	1:26

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
101	57	44	Nil	51

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. SHAIKATH ARA KHANUM	Associate Professor	State level award, Vision Group on Science and Technology, Govt. of Karnataka. Karnataka
2018	DR. N.S. Devaki	Associate Professor	Karnataka Women Achievers Award 2018, Academia Award
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MA	Semester	I,II	04/12/2017	02/01/2018
BSc	Semester	I,II,III	21/10/2017	30/11/2017
BCA	Semester	I,II,III	21/10/2017	30/11/2017
BBA	Semester	I,II,III	21/10/2017	30/11/2017
MSc	Semester	I,II	04/12/2017	02/01/2018
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
46	3858	1.2

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://ycm.uni-mysore.ac.in/igac.php>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
Semester	BSc	Science	648	514	79.32
Semester	BCA	Computer applications	57	57	100
Semester	BBA	Management	21	11	52.88
Semester	MSc	Chemistry	43	34	79
Semester	MSc	Physics	39	23	58.97
semester	MSc	Mathematics	56	53	94.64
semester	MSc	Botany	27	27	100
semester	MSc	Food Science	24	24	100
semester	MSc	Molecular biology	17	17	100
Semester	MBA	Management	41	38	93
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the

questionnaire) (results and details be provided as weblink)

<http://ycm.uni-mysore.ac.in/pdfs/Feedback%20Analysis%202017-18.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No

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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	NIL	NIL	01/01/2018	NIL
No file uploaded.				

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other than compulsory by the University)	60	Indian Academy of Sciences -05	0.2	0.2
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
NIL	NIL	01/01/2018
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Research Publication	Dr. Shaukath Ara Khanum	Vision Group on Science and Technology, Govt. of Karnataka. Karnataka	17/03/2018	Academic
Teaching Research	Dr. N.S. Devaki	Karnataka Women Achievers Award	30/06/2018	Academic

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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	01/01/2018
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Statistics	1
English	1
Zoology	2
Botany	3
Microbiology	1
Chemistry	5
Enveronmental Science	2
Management Science	3
Biochemistry	2
Hindi	1
Geology	1
Physics	2

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Management Science	1	4.2
International	Botany	12	1.65
International	Chemistry	67	2.70
International	Environmental Science	2	0.1
International	Food Science and Nutrition	1	5.14
International	Geology	23	0.0
International	Micro Biology	16	0.10
International	Physics	25	1.55
International	Statistics	3	0.34
International	Sericulture	2	0.0
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
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Physics	1
Bio Chemistry	1
Food Science and Nutrition	3
Botany	1
Statistics	1
View File	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
NIL	Published	0	01/01/2018
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Crystal packing analysis of 1-(3,4-dimethoxyphenyl)-3-(4-bromophenyl)prop-2-en-1-one exhibiting a putative halogen bond C-Br center dot center dot center dot O	Kumar, Shankar Madan Hezam, Al-Ostoot Fares Manjunath, B. C. Shamprasad, Varija Raghu Mohammed, Yasser Hussein Eissa Mahesh, N. Zabiulla Shaukath, A. K. Lokanath, N. K. Byrappa, K.	JOURNAL OF MOLECULAR STRUCTURE	2017	10.101	Yuvarajas college	4
The critical role of novel benzophenone analogs on tumor growth inhibition targeting angiogenesis and apoptosis	Mohammed, Yasser Hussein Eissa Khanum, Shaukath Ara	MEDCHEMC OMM	2017	10.103	Yuvarajas college	5

Synthesis of novel morpholine conjugated benzophenone analogues and evaluation of antagonistic role against neoplastic development	Al-Ghorbani, Mohammed Thirusangu, Prabhu Gurupadaswamy, H. D. Vigneshwaran, V. Mohammeda, Yasser H. E. Prabhakar, B. T. Khanum, Shaukath Ara	BIOORGANIC CHEMISTRY	2017	10.101	Yuvarajas college	6
The anti-invasive role of novel synthesized pyridazine hydrazide appended phenoxy acetic acid against neoplastic development targeting matrix metallo proteases	Mohammed, Yasser Hussein Eissa Thirusangu, Prabhu Zabiulla Vigneshwaran, V. Prabhakar, B. T. Khanum, Shaukath Ara	BIOMEDICINE PHARMACOTHERAPY	2017	10.101	Yuvarajas college	6
The Novel 4-Phenyl-2-Phenoxyacetamide Thiazoles modulates the tumor hypoxia leading to the crackdown of neoangiogenesis and evoking the cell death	Mohammed, Yasser Hussein Eissa Malojirao, Vikas H. Thirusangu, Prabhu Al-Ghorbani, Mohammed Prabhakar, B. T. Khanum, Shaukath Ara	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2017	10.101	Yuvarajas college	7
Synthesis of novel 2	Lokeshwari, Deviramanahalli	BIOORGANIC MEDICINAL	2017	10.101	Yuvarajas college	8

<p>-pyrazolin e analogues with potent ant i-inflamma tory effect mediated by inhibition of phospho lipase A2: Crystallog raphic, in silico docking and QSAR analysis</p>	<p>Mahadevasw amy Achutha, Dileep Kumar Srin ivasan, Bharath Sh ivalingego wda, Naveen Kri shnappagow da, Lokanath Neratur Kariyappa, Ajay Kumar</p>	<p>CHEMISTRY LETTERS</p>				
<p>Design, synthesis of novel furan appended b enzothiaze pine deriv atives and in vitro biological evaluation as potent VRV-PL-8a and H/K ATPase inhibitors</p>	<p>Lokeshwa ri, Devira mmanahalli Mahadevasw amy Rekha, Nanjappago wda Dharmappa Srinivasan , Bharath Vivek, Hamse Kameshwar Kariyappa, Ajay Kumar</p>	<p>BIOORGANIC MEDICINAL CHEMISTRY LETTERS</p>	<p>2017</p>	<p>10.101</p>	<p>Yuvarajas college</p>	<p>9</p>
<p>Synthesis of Coumarin Appended P yrazolyl-1 ,3,4-Oxadi azoles and Pyrazolyl- 1,3,4-Thia diazoles: Evaluation of their In vitro A ntimicrobi al and Ant ioxidant activities and Molecular Docking Studies</p>	<p>Renuka, N. Vivek, H. K. Pavithra, G. Kumar, K. Ajay</p>	<p>RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY</p>	<p>2017</p>	<p>10.113</p>	<p>Yuvarajas college</p>	<p>10</p>

Tetrazol ylmethyl q uinolines: Design, docking studies, synthesis, anticancer and antifungal analyses	Shaikh, Saba Kauser J. Kamble, Ravindra R. Somagond, Shilpa M. Devarajego wda, H. C. Dixit, Sheshagiri R. Joshi, Shrinivas D.	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2017	10.101	Yuvarajas college	12
A tumoural angiogenic gateway blocker, B enzophenon e-1B represses the HIF-1 alpha nuclear tr anslocatio n and its target gene activation against neoplastic progressio n	Thirusan gu, Prabhu Vigneshwar an, V. Ran ganatha, V. Lakshmi Avin, B. R. Vijay Khanum, Shaukath Ara Mahmood, Riaz Jayashree, K. Prabhakar, B. T.	BIOCHEMI CAL PHARMA COLOGY	2017	10.101	Yuvarajas college	13
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Structural dependence of non-linear optical properties in ADP: PVA/PVP polymer composites.	G K Gowtham, Thejas G Urs, H Somashekarappa, R Somashekar.	ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES 73, C941-C941	2017	79	Nil	Yuvarajas college
Effect of NiCuZnFe ₂ O ₄ on	K. Hemalatha, G. Thejas	Materials Research I	2017	45	Nil	Yuvarajas college

the microcrystalline properties of PVA/CMC polymer blends	Urs, D. Mahadevaiah, H. Somashekara, K. Byrappa R. Somashekar	Innovations, 21:2, 122-128, DOI: 10.1080/14328917.2016.1196854				
1,3,4-Oxadiazoles Undergo Dealkylation upon Nitrogen Insertion to Form 2H-1,2,4-Triazolones: Synthesis of 1,2,4-Triazolone Hybrids	PP Kattimani, RR Kamble, A Dorababu, RK Hunnur, AA Kamble	Journal of Heterocyclic Chemistry 54 (4), 2258-2265	2017	57	7	Yuvarajas college
Tetrazolylmethyl quinolines: Design, docking studies, synthesis, anticancer and antifungal analyses	SKJ Shaikh, RR Kamble, SM Somagonda, HC Devarajegowda, SR Dixit	European journal of medicinal chemistry 128, 258-273	2017	151	23	Yuvarajas college
(Z)-2-(4-Methoxyphenyl)-1,4-diphenylbut-2-ene-1,4-dione	AJ Ravi, M Vinduvahini, AC Vinayaka, MP Sadashiva	IUCrData 2 (2), x170043	2017	36	Nil	Yuvarajas college
Synthesis of coumarin-theophylline hybrids as a new class of anti-tubercular and anti-microbial agents	SN Mangasuli, KM Hosamani, HC Devarajegowda, MM Kurjogi, SD Joshi	European journal of medicinal chemistry 146, 747-756	2018	151	30	Yuvarajas college
Design, Docking,	Shilpa Somagonda,	ChemistrySelect 3	2018	25	6	Yuvarajas

and Synthesis of Quinolone-2,4-triazole-3-one-5-ones as Potent Anticancer and Antitubercular Agents	M. and Kamble, Ravindra R. and Kattimani, Pramod P. and Shaikh, Saba Kauser J. and Dixit, Sheshagiri R. and Joshi, Shrinivas D. and Devarajegowda, H. C.	(7), 2004-2016				college
Molecular docking and spectral analysis of (5, 7-Dimethyl-2-oxo-2H-chromen-4-yl)-methyl diethylthiocarbamate : A potential bioactive agent	BM Philip, JS John, KM Kumar, HC Devarajegowda, J Chandy, D Sajan	Chemical Physics Letters 711, 87-99	2018	229	Nil	Yuvarajas college
Synthesis, characterization, crystal structure and liquid crystal studies of some symmetric naphthalene derivative molecules	HT Srinivasa, BS Palakshamurthy, HC Devarajegowda, S Hariprasad	Journal of Molecular Structure 1173, 620-626	2018	98	5	Yuvarajas college
Synthesis of Tetrazole Regioisomers of Biphenyl as ACE	GY Meti, RR Kamble, MN Kumbar, SKJ Shaikh, AA Kamble	Modern Organic Chemistry Research, Vol. 2, No. 2, May 2017	2017	7	Nil	Yuvarajas college

Inhibitors					
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	21	69	5	12
Presented papers	35	30	Nil	2
Resource persons	Nil	4	1	13
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
NIL	NIL	NIL	0
No file uploaded.			

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
NIL	NIL	NIL	0	Nil
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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
General Health Check-up Camp	NSS unit	2	48
Anniversary of University of Mysore	NSS unit of Yuvarajas College, Mysore	4	39
Special lectures	NSS unit	5	45
Republic day	NSS unit of Yuvarajas College, Mysore	4	70
Independence day	NSS unit	4	100
INAUGURAL FUNCTION	NSS unit of Yuvarajas College, campus of Siddappaji, Temple, Lingambudhi Village, Mysore	5	45

chewing tobacco leads to cancer, drinking alcohol leads to liver cancer	NSS unit (2 days Camp)	4	30
Save water and Save Food.	NSS unit (3 days Camp)	5	40
Remove Parthenium and Maintain Cleanliness	NSS unit	4	48
Yoga	NSS unit	6	55
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
National Camps	Gold medal	DGNCC	3
National Camps	Silver Medal	DGNCC	2
National Camps	Bronze Medal	DGNCC	1
No file uploaded.			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Green Audit Committee, YCM	University of Mysore	Environment Hygiene in Rural People	6	20
Green Audit Committee, YCM	Yuvarajas College Mysore	Environmental protection	6	20
NSS	Kuvempunagar, Mysore	Free Eye Checkup Camp	8	80
Red Cross	Maharanis Science college, Mysore	Digital India	10	20
Orientation Programme	Yuvarajas college	Women empowerment and Gender sensitization	6	850
NSS	Children Cell, Mysore	Child Women Rights and Human Trafficking.	5	40
Women Cell, UOM	Manasagangothri, Mysore	Woman's Day Celebration	10	75
Green Audit Committee, YCM	Yuvarajas college	Tree plantation drive	8	60

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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Hands-on workshop on Basics of Next Generation Sequencing: 16 students of VIII Semester M. Sc. Molecular Biology Conducted by Institute of Bioinformatics and Applied	Arpitha R.	Self Financed	4
Hands-on workshop on Basics of Next Generation Sequencing: 16 students of VIII Semester M. Sc. Molecular Biology Conducted by Institute of Bioinformatics and Applied	Dhruthi Maudgalya	Self Financed	4
Hands-on workshop on Basics of Next Generation Sequencing: 16 students of VIII Semester M. Sc. Molecular Biology Conducted by Institute of Bioinformatics and Applied	Jayanth S.N.	Self Financed	4
Anti cancer activity	Yasser Isaac	Sayadri college shimoga	90
anti cancer activity	Zabiulla	JSS Medical College Mysore	60
antiinflammatory activity	zabiulla	Farooquia college of Pharmacy mysore	60
anticancer activity	prashanth	Sayadri college shimoga	90
Hands-on workshop on Basics of Next Generation Sequencing: 16 students of VIII Semester M. Sc. Molecular Biology Conducted by	Amulya R.	Self Financed	4

Institute of Bioinformatics and Applied			
Hands-on workshop on Basics of Next Generation Sequencing: 16 students of VIII Semester M. Sc. Molecular Biology Conducted by Institute of Bioinformatics and Applied	Anagha Menon C.T.	Self Financed	4
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Project work	Institute of Liver and Biliary Sciences (ilbs) , New Delhi	01/07/2017	30/10/2017	1
Internship	Project work	JK Tyre and Industries Ltd,Mysore	26/06/2018	12/08/2018	5
Internship	Project work	Nutrifood Company Pvb Ltd, Nanjangudu	26/06/2018	12/08/2018	5
Internship	Project work	GCT Nature sProducts	26/06/2018	12/08/2018	6
Internship	Project work	PSSK Ltd Pandavapura, Mandya	26/06/2018	12/08/2018	5
Internship	Project work	Vibgyor Company Pvt Ltd, Mysore	26/06/2018	12/08/2018	6
Internship	Project work	Kidds Ice Creams Company, Mysore	26/06/2018	12/08/2018	5
Internship	Project work	Deco Equipments Pvt.	26/06/2018	12/08/2018	5

		Limited, Mysore			
Internship	Project work	Karnataka Silk Industry Corporation Ltd, Mysore	26/06/2018	12/08/2018	5
Internship	Project work	Dyuthi Motors Pvt Ltd, Mysuru	26/06/2018	12/08/2018	5
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
NIL	01/01/2018	NIL	Nil
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
2945000	2511528

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
No file uploaded.	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Koha	Partially	Koha 16.05	2011

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total

Text Books	198680	Nil	143	150000	198823	150000
e-Journals	24	Nil	Nil	Nil	24	Nil
e-Books	71	Nil	18	Nil	89	Nil
CD & Video	294	Nil	6	Nil	300	Nil
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr . Shekhara Naik R	Food and Nutrition	EMRC, Mysore	03/12/2018
Dr . Shekhara Naik R	Food Preservation Technology	EMRC, Mysore	03/12/2018
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	320	8	100	0	1	5	21	100	100
Added	0	0	0	0	0	0	0	0	0
Total	320	8	100	0	1	5	21	100	100

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
EMRC Mysore	https://uni-mysore.ac.in/emrc/index.html

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
2965000	2965000	0	0

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in

Physical facilities: The college ensures optimal allocation and utilization of the available financial resources collected from Partially Self Financial Scheme (FSFS) fund collected from the students at the time of admission and other resources like CPE and Autonomy grants for maintenance and upkeep of different facilities in the interest of students. For this at the beginning of each semester college council meeting which includes all the HOD's and senior faculty members of the college is called with the leadership of the principal of the college. The budget is allocated to different departments as per their requirements for the maintenance of the laboratories and the classrooms which are a part of the teaching and the learning processes. Prior to this regular meeting are arranged at the department level and suggestion is sought with the leadership of HOD's of the department and requirements are listed for that academic year. Which is placed before the college council and accordingly the budget is allocated. Regular meetings of various committees constituted at the college level called for the purpose of utilizing Physical, academic and support facilities and using the grants received by the college as per the requirements. The maintenance and the cleaning of the classrooms and the laboratories are done with the efforts of the nonteaching staff and contract staff appointed for this purpose. The college garden is maintained by the gardener appointed by the college. **Computers:** The college has adequate number of the computers with internet connections and the utility software's distributed in different locales like office, laboratories, library, departments etc. Lab technicians are appointed to look after these facilities. **Classrooms:** HOD's submit their requirements to the Principal regarding classroom furniture and other facilities. The college development fund is utilized for maintenance and minor repair of furniture and other electrical equipments. Regular budget is allocated for this purpose. **Sports complex:** A Physical Instructor appointed for the college, who takes care of the sports facilities and sports support. Students are trained to participate in university level, state level and national level events and outstanding students are recognised and extended financial support in terms of scholarships, travel, track suit etc. Jnanavahini sangha of the college takes care of all kind of co curricular and extra curricular activities. Students are encouraged to participate in university level, state level, national and international level. The outstanding students are identified and financial help is extended to participate in different events. The college website has maintained regularly. The college has a separate undergraduate library which takes care of all the requirements of the students in academics. The library helps in borrowing books, extends book loans, computers elearning facilities etc. as and when required.

<http://ycm.uni-mysore.ac.in/>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	All india inter University tournament	42	55720
Financial Support from Other Sources			
a) National	OBC and SC / ST Scholarship / INSPIRE	1746	15046693

b)International	Nil	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Workshop on creating awareness in Reproductive Health and Hygiene	08/03/2018	150	Women empowerment cell, yuvarajas college, Mysore
One day workshop on creating awareness in chemistry	10/06/2017	140	Department of Chemistry, Yuvaraja's College, Mysuru
Workshop on communication skills	14/07/2017	800	Career guidance and placement cell, Yuvarajas college, Mysore
Discussion classes	19/08/2017	60	Department of Physics, Yuvarajas college, mysore
Workshop on Women empowerment and Gender sensitization	15/07/2017	800	Career guidance and placement cell, Yuvarajas college, Mysore
Discussion classes	12/08/2017	70	Department of Mathematics, Yuvarajas college, Mysore
Lecture Series in Communicative English	11/09/2017	100	Department of Molecular Biology, Yuvaraja's College, Mysuru
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Workshop on general and mathematical aptitude	140	140	Nil	Nil
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
14	14	15

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Infosys (Post - Demonetization not many companies came for campus recruitment)	30	10	Rane Madra, Sysinfo Technology, Mysore, Srinidhi Construction, s Ltd, Mysore, Tata Capital Ltd, Mysore, Decathlon, Mysore, McDonalds, Mysore, Tele India Network	7	7
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2017	2	B.Sc	Yuvarajas college	University of Mysore	Law
2017	15	B.Sc	Yuvarajas college	University of Mysore	Statistics
2017	12	B.Sc	Yuvarajas college	University of Mysore	Earth Sciences / Geology
2017	105	B.Sc	Yuvarajas college	Colleges of education	B. Ed
2017	74	B.Sc	Yuvarajas college	University of Mysore	PG courses
2017	25	B.Sc	Yuvarajas college	University of Mysore	Life Sciences
2017	22	B.Sc	Yuvarajas college	University of Mysore	MBA / MCA
2017	4	B.Sc	Yuvarajas college	University of Mysore	Pharmacy
2017	12	B.Sc	Yuvarajas	University	Maths

			college	of Mysore	
2017	10	B.Sc	Yuvarajas college	University of Mysore	Commerce
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
SLET	9
NET	3
GRE	1
Any Other	8
GATE	3
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Talent Search Programme	College Level	1000
Yureka, Science Fest	State Level	3500
Talent Search Programme	University Level	33
Athletics	Mysore City Inter Collegiate Competition 2017	210
Athletics	Chamundi Zone University Inter Collegiate Competition	320
Athletics	Inter Zonal University Competition	80
No file uploaded.		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	1 st prize - Art Modelling (Installation)	National	Nil	2	YB150114	Revanth Kumar
2017	1 st prize - Art Modelling (Installation)	National	Nil	2	YB150552	Sharath T N
2017	gold	National	1	Nil	YBC15161	Yogesh

	medal in weight lifting					
2017	gold medal in handball, Silver medal in Kho-Kho	National	2	Nill	YB160456	Vinod V N
2017	gold medal in handball, Silver medal in Kho-Kho	National	2	Nill	YB160451	Sujith S
2017	Bronze medal in High Jump	National	1	Nill	YBC16112	Ashwini K
2017	Silver madal in 400 mts Relay	National	1	Nill	YBB15114	Sathish T
2017	Silver madal in 400 mts Relay	National	1	Nill	YB171623	Shivapra kash D
2017	Silver madal in 400 mts Relay	National	1	Nill	YB150054	Nandish kumar E
2017	Silver madal in 400 mts Relay	National	1	Nill	YB150158	Anjanayya
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Yureka Committee. Yuvaraja's is one of the four constituent college of the University of Mysore, is rich in history, established in the year 1928 offering to the different branches of science. Since 2013 the students committee has been conducting a Science Fest called "YUREKA" and it has been a huge success and is loved by the student fraternity all over Karnataka. As 28th of February happens to be the "National Science Day" what better way to glorify science than conducting a Science Fest on that day. In this way students would like to contribute to science. Usually the following events are organised mainly with the Science theme. (1) A cleanliness drive "Swachh Abhiyan" ii) Museum visit - Our college boasts of three well maintained museums in the departments of Botany, Zoology and Geology. The museums are equipped with some rare specimens. Every year during the Science fest YUREKA, these museums are open to the general public. iii) Blood donation camp is held every year as a part of YUREKA. iv) In YUREKA 2K18, which was held on 8-9, March 2018, a total of 18 events (science events and language and art events) were held. Some of the events were Apertura (Photography event), Siansa (Microbiology event),

Vaangmaya (Kannanda event) Murder Investigation (Forensic Science), Parallax (Physics event), General Science quiz, Code Sense (Computer Science), Paakashashtra (Food Science), Treasure Hunt (only scientific clues), Literomania (English event), Scientific Rangoli, English Debate, Rang de Chemistry (Chemistry event), Prospecting knowledge (Geology event), Revelis Biologia (Botany event), Bizzniss (MBA dept). A cricket Tournament was held as a part of YUREKA which aimed at creating publicity for the Science fest. Along with these there were many fun events which attracted the student fraternity from in and around Mysore. The students had arranged and managed their own food stalls. Overall the two day Science fest was very instrumental in bringing out the hidden talent of the students and the students excelled in their managerial skills because this Science Fest is totally planned and executed by our students every year.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Alumni Association of the instirtution registwred on 08082002 with registratio number 185/0203. The main objective of the association is to participate and contribute for the overall development of the college.

5.4.2 – No. of registered Alumni:

2800

5.4.3 – Alumni contribution during the year (in Rupees) :

160000

5.4.4 – Meetings/activities organized by Alumni Association :

One

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The college follows the policy of decentralization by delegating powers to staff members, both teaching Non teaching and involving students and their parents. The Governing Body, Academic Council, Board of Studies Finance Committee are the statuary bodies formulated to ensure the proper functioning of the academic, financial and general administrative affairs of the college. Governing Council (GC) oversees the administration of the college through various subcommittees and involving all the stake holders' viz., teaching and non teaching members as well as students. The Governing Council enforces high standards of integrity keeping the overall development of the college. The Academic Council (AC) represented by the Heads of the Department recommends to the GC for new program of study. The proposal to start new courses is being done after consultation with the experts, Parents, stake holders and other members exploring the industrial demand. The Board of Studies (BOS) in each department consists of senior faculty members and representatives from technical as well as industrial sectors in addition to alumnus of the college. The tasks of BOS include preparation of syllabi, suggest methods for innovative teaching evolution, thus coordinating teaching, research and other academic activities in the department / college. In addition to the above mentioned bodies, to further decentralize the power vested with the administrative bodies, the Principal of the college has been empowered to constitute various nonstatutory committees viz., Purchase committee , Grievance appeal committee ,

Disciplinary committee/ students welfare committee, Web committee, Career guidance and placement cell , Library committee , Yuvachinthana committee , Jnanavahini committee / extracurricular extension committee , Women empowerment committee , Sports committee , NSS committee , Admission committee , Free canteen committee , Planning evaluation committee , Green audit committee , Sexual harassment committee/ internal complaints committee , Anti - ragging committee These committees are represented by the faculty members, non teaching staff, research scholars and students thus providing them the much needed flexibility and the power to plan and execute both curricular and noncurricular activities including sports, cultural activities and science exhibitions. Decentralization aiming at much needed autonomy at department level is achieved through Teachers Council wherein all the teachers of the department are the members of the Teachers Council. Teacher Council meetings are held periodically to seek the opinion of the teachers in the academic matters for the betterment of the academic excellence. All the faculty members are involved in one or the other committees in various administrative, academic and nonstatutory committees and suggestions are sought for the betterment of the policies. Each department has department council where all teaching faculty of the department are the members. Execution of any major activities of the college and every activity of the department is discussed in the department council. Then decision evolved here is conveyed to the college through the head of the department.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Library, ICT and Physical Infrastructure / Instrumentation	The Library has a well-organized and labelled collection with facilities such as reference section, periodicals section, text book section and book bank section. Separate reading rooms and circulation counters are provided for students and staffs. The College has a well-managed local area network [LAN], structured cabling and broadband with 1 Gbps connectivity. The college has 9 e-classrooms with equipped modern ICT tools, a Language lab with 20 computers with 1 Server computer installed CLARITY English software to train the students for communication skills. The college has 23 classrooms, 32 laboratories, 3 Museums with rare specimens, gymnasium etc. The Health Centre in the campus is well-equipped and provides necessary medical-aid to the staff and students. CCTV surveillance is provided and the laboratories are updated.
Industry Interaction / Collaboration	The college takes constructive efforts for collaboration with various agencies for academic, extension, research, placement activities.

Collaborations help the Departments to organize seminars, exhibitions, internships, placement and various extension activities.

Admission of Students

Total amount of applications received 3730, out of which 823 students were admitted to UG Courses. PG admissions are made by University of Mysore through merit list. Transparent admission process as per the rules and regulations of the University of Mysore and Karnataka Government act. Consolidated list of applicants and their respective merits are published on the college website. A Separate entrance examination in national level is conducted for admissions to five year Integrated M Sc courses in Molecular biology by the college

Curriculum Development

The College is offering research oriented, inter-disciplinary, value based innovative programmes at graduate and post-graduate levels. The curriculum designed facilitates the students to pursue higher education, acquire skills for employability and become entrepreneurs. The syllabus is reviewed and / or revised every three/two years. The college follows the guidelines for curriculum development and restructuring set down by the UGC and the parent university. The college has prioritized research and various areas as explored by faculty.

Human Resource Management

Study leave is sanctioned for faculty who are pursuing PhD degree. 2 hours of teaching workload is reduced for the faculty who are guiding PhD scholars. Teachers are provided leave facility and financial support to undertake research related works .

Teaching and Learning

The College is pursuing the policy of student-centred approach in teaching. Traditional chalk and talk method is combined judiciously with the latest developments in Science and Technology using ICT tools for effective teaching. Teachers are encouraged to participate in faculty development programmes.

Examination and Evaluation

The evaluation process adopted by the college is quick and transparent and consists of continuous assessment and end semester examination. Provision is made for photocopy, revaluation and re-totalling and exam related grievances

	are redressed suitably.
Research and Development	The College promotes ethical and evidence based research and helps in smooth implementation and completion of research projects. Faculties are encouraged to apply for Minor and Major research projects.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Student Admission and Support	Online fee payment, apply online student scholarships, login based access to examination results, examination related activities such as online examination fee payment, examination time table etc. Online availability of study materials.
Planning and Development	Office staff were trained to use the E governance tools in handling of office files and dissemination of data
Administration	Web service facility to all the stakeholders of the institution to get information about the activities of the college, important events/programmes conducted by the institution. Display of merit list of students who seek admission to the institution, information about fee structure, admission related circulars. Circulation of important circulars are communicated to the teaching faculty and supporting staff through email/College website/whatsapp facility
Finance and Accounts	Accounts superintendent looks after the finance and account. Eight support staff to help in executing the work assigned. These support staff are trained in computers and are switching over to paperless mode. Salaries and all kind of remunerations are paid through RTGS to supporting staff, contract teachers and guest faculties, Invited faculty and remuneration to teachers.
Examination	amination related circulars are displayed in the college website like last date to pay the examination fees, examination time table, examination results etc.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended	Name of the professional body for	Amount of support
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		for which financial support provided	which membership fee is provided	
2018	Nil	Nil	Nil	Nil
2017	Nil	Nil	Nil	Nil
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2017	Nil	Nil	30/12/2018	30/12/2018	Nil	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Gender sensitisation	1	16/03/2018	22/03/2018	7
UGC sponsored one week workshop on ICT	1	03/07/2017	09/07/2017	7
Mid Year Meeting of the Indian Academy of Sciences held at Infosys Limited, Mysore	1	28/06/2018	30/06/2018	3
Applications and Trouble Shooting of Scientific Equipment	1	01/12/2017	08/12/2017	8
UGC Sponsored Short term Programme on Gender Sensitization	1	16/03/2018	22/03/2018	7
Vision Document Workshop organised by Government Ayurveda Research	1	22/01/2018	23/01/2018	2

Centre, KRS
Road, Brindavan
Extension,
Mysore at
Vivekananda
Institute for
Leadership
Development,
Mysuru on 22nd
and 23rd
January 2018

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	39	Nil	65

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Quarters, Medical Facility, Medical Insurance	Quarters, Medical Facility, Medical Insurance	Medical Facility, Hostel facility, Financial support, scholarships

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The college Financial Committee is responsible for the preparation of the financial statements that give a true and fair view of the financial position, financial pro forma of the college. The responsibilities of the committee include the design, implementation and maintenance of the internal control relevant to the preparation and presentation of the financial statements that give a complete picture of the financial matters relating to the budget estimates and utilisation of the fund allocated in different head. . At the beginning of every academic year, the budget is prepared with the fee collected from the students . This budget is placed before the financial committee for approval . After the approval from the Finance committee the same will be placed before the Governing body for the final approval. The governing body verifies the financial matters and approves the budget. . Once the budget is approved by the Governing Body, the financial matters are under control of Finance Committee ., It will take the control and audits every amount spent internally. Every financial utilised amount will be audited again from the Karnataka state government auditors according to Karnataka state government norms during the assessment year and gives its report.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	Nil
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6.4.3 – Total corpus fund generated

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6.5 – Internal Quality Assurance System**6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?**

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	Yes	AAA Comittee constituted by the university
Administrative	Yes	AAA Comittee constituted by the university	Yes	Finance committee of the college.

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

The college constitutes an admission committee. Informally, the teachers involved in admission committees meet the parents of students getting admitted to various UG/PG programs in the respective departments and conduct awareness programmes about the academic system adopted by the Institute and other facilities available in the campuses for the academic progression of all the students. The importance of minimum attendance required to complete any course is also highlighted to the students in front of their parents. Special orientations are also conducted to the students to know about the Institute and the facilities available in the institution. In addition, the learning resources available within the campuses are also highlighted. The college also organizes some activities such as like Graduation Day, Talent Search Programme, Yureka Science fest etc. wherein parents are encouraged to attend. The Departments organize meetings with parents whose children need further support and counselling services to enhance performance

6.5.3 – Development programmes for support staff (at least three)

The University of Mysore conducts orientation programmes/ Refresher courses and short time courses for all the administrative, technical and office staff of all departments . All the teachers are using this facility

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Expansion of Research Collaboration with national and international agencies: Faculty members have been involved in various scientific and socially relevant research in collaboration with reputed higher education institutions and industries. 2. Expansion of extension activities: More number of extension activities are planned through NSS and NCC unit to serve the society

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Students feedback on academic	12/03/2018	12/03/2018	30/03/2018	3192

programme
and faculty

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Women empowerment and Gender sensitization	13/07/2017	15/07/2017	380	340

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

Percentage of power requirement met by the renewable energy sources 1. 20 percent by chemical energy - UPS, . 1 percent by solar lamps installed in the campus

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Braille Software/facilities	Yes	Nil
Scribes for examination	Yes	Nil
Ramp/Rails	Yes	1
Any other similar facility	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2017	1	1	31/10/2017	1	National Unity Day	Discussion on National Unity	80
2018	1	1	17/02/2018	1	Child Women Rights and Human Trafficking.	Dr.G.S. Prasannakumar, Deputy superintendent of Police, Children	120

						Cell, Mysore, gave awareness on Child and Child Rights and Human Trafficki ng.	
2018	1	1	17/02/2 018	1	Quality Dairy Farming in Animal Husbandry	Dr. K.C.Ramu, Veternary doctor, K.R.Nagar spoke on Quality dairy forming in Animals	120
2018	1	1	18/02/2 018	1	Stress and Stress Ma nagement	Dr. Lyancy Disoja, Head, Dept. of Psycholog y, Maharaja Colleg mysore spoke on stress ma nagement	160
2018	1	1	18/02/2 018	1	Free Dental checkup Camp	Free Dental checke up performed by Dr. B. Vijaykuma r, Dentist, B.K. Dental Hospital, Hootgalli , Mysore	180
2018	1	1	19/02/2 018	1	Digital India	Dr. Ramesh Babu, NSS programme office, maharanis Science college, Mysore,	350

						gave importance of Digital India and the future	
2018	1	1	19/02/2018	1	Newly Emerging Diseases	Dr. M.S. Basavaraju, Medical officer, health center, University of Mysore, gave awareness programme on newly emerging Diseases	80
2018	1	1	20/02/2018	1	The Evils of Humans that Cause Cancers	Dr. B.S. Manjunath, Head Blood bank K.R. Hospital Mysore, gave a talk on Causes of cancer for the underprivileged group.	120
2018	1	1	20/02/2018	1	Environmental protection	Dr. S. Suresh, Dept. of Environmental Science, Yuvarajas College Mysore, gave awareness on environmental protection	80
2018	1	1	21/02/2018	1	Humer within You	Dr. Bheemaraju, Professor, NIE college,	90

Mysore
spoke on
Hummer,
and with
in you

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Teaching professional ethics	03/08/2017	Teaching professional ethics is the standards adopted by the teachers to impart knowledge vis-a-vis to the development of the society encompassing well being of the people thus bringing improvement in the general conditions of the people. The college conducts many activities involving teachers and students to bring awareness on the human values such as discipline, right conduct, etc.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Yoga Day celebration	23/10/2017	23/10/2017	150
Woman's Day Celebration	10/07/2017	10/07/2017	75
Teacher's Day Celebration (On the occasion of Birth Anniversary of Sarvepalli Radhakrishnan)	05/09/2017	05/09/2017	120
Public Awareness Program street play	21/08/2017	21/08/2017	40
Traffic Safety Program	12/02/2018	12/02/2018	45
Essay Competition conducted during Yureka	18/01/2018	18/01/2018	75
Tree plantation drive	13/11/2017	13/11/2017	60
India's 68th Republic Day	26/01/2018	26/01/2018	150
Independence Day	15/08/2017	15/08/2017	200

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Solar lamps have been installed in the college campus. 2. Teachers and students of the botany department along with NSS volunteers have planted many saplings in the campus. 3. LED bulbs are being used for lighting the classrooms, laboratories and office. 4. Dry and wet waste are segregated in each department before handing the waste to municipal workers. 5. Sprinklers are used to water the plants in the college garden area.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Toppers in each subject is felicitated by giving cash prizes and in some subjects gold medals. Service rendered by the teachers to the institution is duly recognised and honoured. 29th and 30th January 2018 Dr. S. Latha, Associate Professor, Department of Mathematics was felicitated and to commemorate her services two days national conference on "Geometric function theory and its application was arranged.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://ycm.uni-mysore.ac.in/pdfs/Best%20practices%202017-18.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The college aims at encouraging the talents of students by conducting various co-curricular and extracurricular activities thus promoting intellectual activities which are one of the prime visions of the college. Further the college conducts science exhibition to popularise science with a target group of high school and 2 students thus attracting more number of students to the college in turn prospering as a distinguished premier institution of higher education which is another vision of the college. In YUREKA 2K17 conducted by the college there was the science exhibition which attracted the school students and the students from PU college. To encourage extracurricular activities, a Talent Search Programme (TSP) was held on 21-22, Aug. 2017 to identify the hidden talent among the students. A total of 26 competitions were held in various categories of dance, drama, music, art, theatre and literary events. 33 students of our college who were selected through TSP were shortlisted to participate in the Intercollegiate University level cultural and literary competitions which were held from 10th to 12th October, 2017. Our college was declared as the overall champions and won the championship trophy for the first time in the history of Yuvaraja's college. In the South zone interuniversity cultural and literary competitions held at Hindustan University, Chennai on 19-21, Dec. 2017, two students of our college Mr. Revanth Kumar and Sharath T.N won the first place in the art category and they went on to bag the first place at the National level competitions in the same category. Cocurricular activities in tune with the academic curriculum catalyze the students to develop skills enhancing the knowledge and learning process in the field of their subjects. In Yureka annual program of the college competitions such as spelling bees, debate competitions, etc., are held regularly. Thus these activities are aimed at enriching the existing curriculum in alignment with learning outcomes and pedagogic activities.

Provide the weblink of the institution

<http://ycm.uni-mysore.ac.in/>

8.Future Plans of Actions for Next Academic Year

Steps to improve the quality of teaching / learning and research environment by arranging more number of seminars, special lectures, workshops etc. Plans to organize more number of extension activities including blood donation camp, Food Adulteration awareness program, Swatch Bharath Abhiyan Programme, Eye camp, Nutrition awareness programmes etc. Tracking and recording the progression of outgoing students is discussed. Introducing online attendance for PG programme , Green campus and cleanliness drive initiatives