

Mangalore  **University**
(Accredited by NAAC with 'A' Grade)

**Report of
The Academic and
Administrative Audit Committee**

**Mangalore University,
Mangalagangothri-574 199, Karnataka**

27 October 2018

ACKNOWLEDGEMENT

The Committee would like to place on record its gratitude to the Vice-Chancellor, Mangalore University, for assigning this task of Academic and Administrative Audit. The committee thanks all the officers, chairpersons of the Departments and the Heads of various centres and facilities for their co-operation. The co-operation extended by the members of the sub committees is gratefully acknowledged.

The special contributions of the Director, IQAC Prof. K. R. Chandrashekar and all the personnel of IQAC and the secretariat staff deserve commendations.

***“Quality Grading is relative, while
Quality Audit is absolute and
Institution specific”***

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***AAA Committee
Constitution, Approach
and Methodology***

1.0. AAA COMMITTEE CONSTITUTION, APPROACH AND METHODOLOGY

1.1. The Academic and Administrative Audit Committee

“The Academic and Administrative Audit Committee” hereafter referred to as the Committee was constituted in September 2017, vide Registrar’s notification even no. date.18/09/2017 (copy enclosed in Annexure – I).

The committee composition is as follows:

1.	Prof. S. N. Hegde	Chairman (External)
2.	Prof. C. Thangamuthu	Member (External)
3.	Prof. K. N. Reddy	Member (External)
4.	Prof. K. Bhaskar Shenoy	Member
5.	Prof. Bhoja Poojary	Member
6.	Prof. Monika Sadananda	Member
7.	Prof. Jayaraj Amin	Member
8.	Prof. R. Shashidhar	Member
9.	Prof. Kishore Kumar C. K.	Member
10.	Prof. K. R. Chandrashekar	Member Secretary

The Committee, as given above, has large representation of internal members of the faculty giving an opportunity for wider introspection and reflection on the university.

1.2. Terms of Reference

In the absence of any specific terms of reference prescribed by the University, the committee (being the very first post accreditation AAA Committee of the University) relied, *mutatis mutandis*, upon the general guidelines suggested by UGC in this regard. (vide UGC Scheme of Academic and Administrative Audit for Universities, Annexure II).

The Committee has kept in mind the objectives of AAA as outlined in the above mentioned UGC guidelines:

“To monitor the implementation of academic norms prescribed by University Bodies, State/Central Govt, UGC etc and to prevent the violation of academic norms in the universities and also to see that the administrative effectiveness becomes conducive for academic development of universities”.

The committee felt that besides the typical compliance of and adherence to regulatory bodies and their dictates, the audit should also assess the innovative, developmental and creative efforts undertaken by the university, subject to, of course, rules of the game in a broad sense. Avoidance of violations *per se* shall not stifle initiatives and changes that are essential characteristic of higher education. Rules and regulations are subject to change so as to facilitate creativity.

1.3. Methodology

The Committee records its appreciation of good work done by the IQAC and its Director Prof. K. R. Chandrashekar in extending all possible help including compilation of data.

The committee visited on two spells, 9th to 11th October 2018 and on 26th - 27th October 2018, all the academic departments and administrative units, infra structure and central facilities.

The Director of PG Centre at Chikka Aluvara made a presentation to the committee at the university premises. The five constituent colleges were not visited.

The preparatory work of the university including data preparation and processing took a pretty long period and hence the delay in submission of the report.

The data base was collected by the IQAC as per the formats (Annexure III) prescribed by the UGC. The student feedback was collected online, both on the profiles of programmes/courses and on the faculty performance attributes. A composite index was prepared for both. The course index of the programme was named as 'Paper Impact'. The faculty performance attributes included: knowledge base of the teacher, communication skill, sincerity and commitment, academic interest generation, teacher ability to relate the course with other courses/programmes, accessibility of teacher in the Department for further academic discussion, teacher ability to design evaluation methods, regularity/punctuality and overall rating. These nine attributes were given relative weightages and the aggregate performance index was named as 'Performance Rating'. The values of rating are in terms of percentages (the copies of Questionnaires as given in Annexure IV). The results of student evaluation of the programme/syllabus and of faculty performance are considered an acid test of audit.

Besides the above, the student/teacher ratio, faculty adequacy, regular vs guest faculty ratio, funding generated by the department by way of research projects, per capita research publications in (national/international), journals, the quality profiles of publications (citation index and h-index), number of ongoing and completed research projects, the number of PhD scholars on roll and those awarded, among others, have been compiled and analysed departmentwise and facultywise. Some of the outstanding performers (as well as very poor/below average performers) among faculty are referred to in general trends. The specific names of faculty members are avoided for strategic reasons.

Interaction with the faculty members, administrative staff and informal student interaction provided some insightful inputs which are used in the narrative of the Report.

Some of the systemic challenges as well as instances of inefficiencies are discussed with a view to motivate/sensitise the stakeholders and the same is not to be interpreted as though the situation is uniquely so in this institution or relatively worse than others in any way. In the strict sense of the term 'audit', attention is drawn to some of the issues deserving remedial action. Any of the remarks or suggestions made in this audit report is generally a question of perception and not of finite validity.

Academic Audit

2.0. ACADEMIC AUDIT

The university, accredited with 'A' grade by NAAC, enjoys a good reputation among one of the best universities of the State. Being an affiliating State university, it caters to higher education needs of the undivided Dakshina Kannada and Kodagu regions. There are 220 affiliated colleges, five of them being autonomous. Though the University is quite young, carved out of Mysore University and established in 1980, some of the colleges have a long and reputed track record of higher education. Of the five constituent affiliated colleges, one is a heritage college.

The University as such has 25 Departments of Studies and Research, offering as many as 40 PG programmes and 31 PhD programmes. There are five constituent colleges and one PG centre at Chikka Aluvara, Kodagu.

Among the five Central research facilities funded largely by national level funding agencies, the Centre for Advance Research in Environmental Radioactivity (CARER), funded by BRNS and NPCIL, with several significant research/consultancy collaborations, turns out to be the one of the most vibrant. The University deserves appreciation for adoption of the system of Choice Based Credit System (CBCS) both at the PG level and UG level in affiliated colleges.

The flexibility in choice of open electives even across the faculty (eg. from Humanities to Sciences and vice versa) is generally said to be liked by the students, though there is some mixed response from some faculty members.

There is periodical upgradation in curricular content. Programmes in innovative cutting-edge areas and of inter-disciplinary nature are quite a few.

There is limited use of ICT in teaching and learning. The smart class rooms are yet to be created. The entry of foreign students, if to be sustained, the ICT upgradation may be a key requisite.

There are over 15 chairs/centres with endowment from Government, NGOs and private Philanthropists, most of them struggling with procedural/teething/functional bottlenecks.

The University has a modest number of around 2500 students, of whom around 200 students are from abroad. There are large numbers (200) of guest faculty, almost double the number of regular faculty. Taking the total tally of both regular and guest faculty, the student

teacher ratio is less than 10:1. The adjunct/visiting faculty are not significant and regular. Some are on paper only.

Among the research projects and publications, there are significant variations across the departments/faculty, ranging from zero to a commendable figure. There is a perceptible gap between Science disciplines and Humanities/Social sciences, as it is the general trend across the country.

As the number of regular faculty is substantially lower and that they alone can be research guides and apply for sponsored research projects by government funding agencies, the number of ongoing PhDs and Research Projects are on the declining trend.

Another over-ambitious trend found in the University is the unrealistic urge to start/proliferate as many academic programmes, almost on the average of two programmes per department, notwithstanding faculty and facility inadequacy. There are some programmes with a solitary (or nil) regular faculty to hold the fort. There is not a single regular faculty in Mass Communication and Journalism, once a SAP Department.

A sound university system demands consolidation of the already started before heaping on with more and more newer initiatives.

The student enrolments in a number of programmes are found to be declining/sub-optimal, partly due to overall trend in the State and partly due to institution specifics. The number of applications in relation to sanctioned intake (demand ratio) in a number of programmes is perceptibly low.

2.1. Evaluation

The evaluation process has been done in a systematic way. There is no undue delay in publication of results. But the result processing is done by engaging an external agency paying a huge sum of over Rs. 65 lakhs every session. It is high time that the whole process is internally done by using in-house software and expertise.

2.2. Feedback Analysis

The online feedback is obtained from students with coverage being over 90% of the students. The feedback on the faculty performance gives a more consistent ranking in the range of over 80% for most of the faculty. Of course, the students are able to discern the relative differences across the faculty. But the lowest ranking has gone below 60% only for a very few faculty. The absolute value of ranking may have been upwardly biased in general for all faculty, almost at the small degree of dispersion. Hence, the relative differences in performance rating (however higher and biased it may be) among the faculty of a particular department would give a fairly objective assessment by the students. Hence, subject to further analysis and corroboration, it would be better to apply these data for implementing a incentivisation scheme of appropriate magnitude/type.

When it comes to the student feedback on the individual courses of a programme, generally there is a consistency among the aggregate index of paper impact. In some programmes (eg. Mass Communication and Journalism, Physics, Biosciences, Industrial Chemistry and Library and Information Science), there is some element of volatility. The range of differences in paper impact of the above mentioned programmes are quite wide in a few cases. This cannot be dismissed as mere perception of the students. (The results of Department/programme specific Paper Impact Response analysis are given in Annexure V reference).

***Administrative and
Financial Management
Audit***

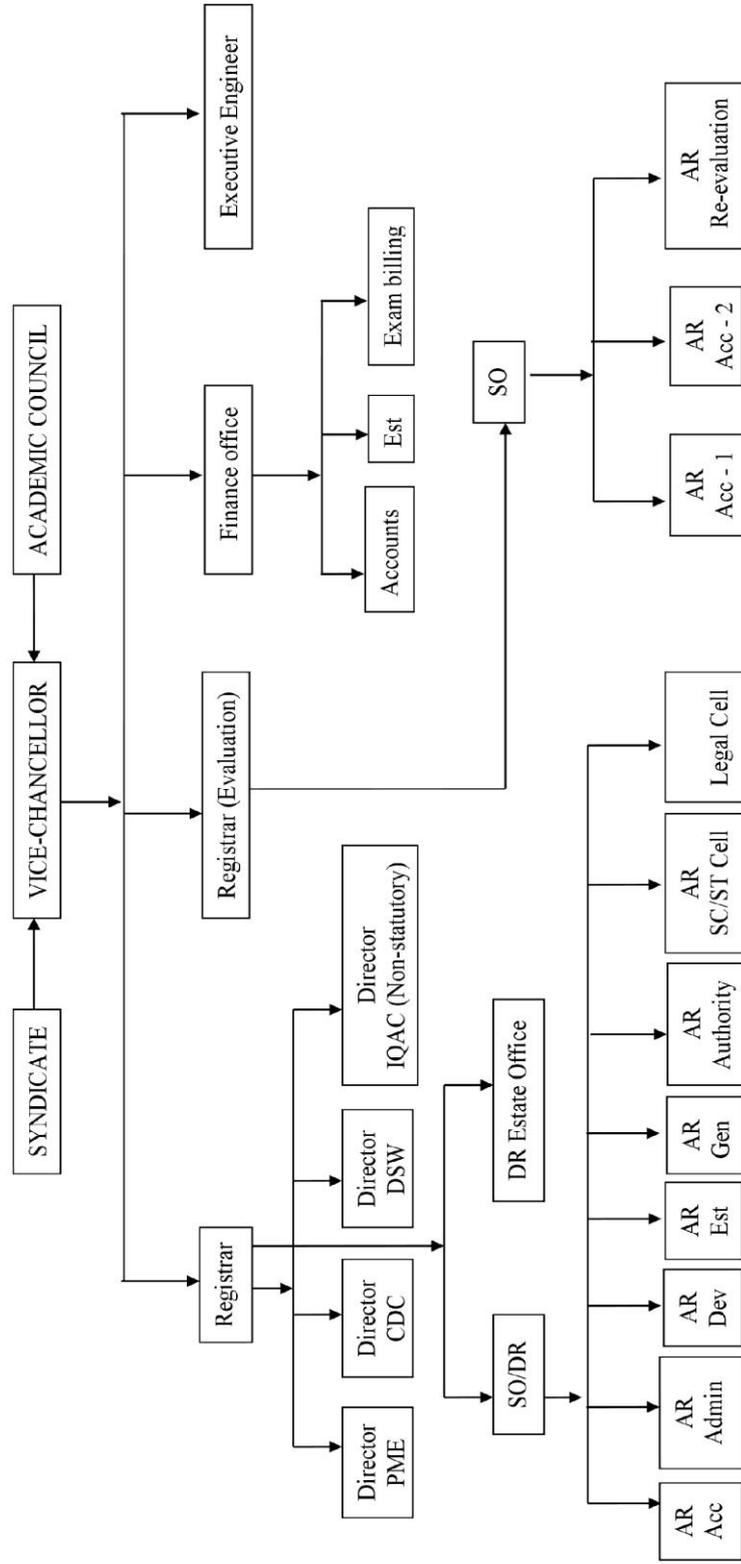
3.0. ADMINISTRATIVE AND FINANCIAL MANAGEMENT AUDIT

The University has a regular pattern of State University organisation structure (The organisational chart is given for reference). The Syndicate and Academic Council, Planning, Monitoring and Evaluation Board and Board of Studies, with mostly nominated members, form the authorities of the University. The exclusion of Chairmen, Boards of Studies from the Academic Council is perhaps a serious contradiction. After all, the Academic Council is the authority mostly to consider academic regulations and curricular issues including approving syllabi.

The administrative structure with the Vice-Chancellor at the helm of affairs, the Registrar, Registrar (Evaluation) and Finance Officer are the officers of the three wings. While the Registrar and Registrar (Evaluation) are appointed by the Government, the Finance Officer is appointed by the Vice-Chancellor (as a stop gap arrangement) since the Government officials are said to be uninclined to take up this position on deputation. As a result in many Universities in the State, the Vice-Chancellor makes up by appointing one of the faculty members as Finance Officer (in-charge). In this University also such a practice is in vogue for over a decade now. This is not a healthy practice.

E-governance needs to be further strengthened. The offices are well-structured and furnished with separate cubicle and a computer for every staff and are well maintained. Office automation and E-governance by provision of software and connectivity and proper sensitisation and training of the staff, the administration can be further toned up and more responsive to stakeholders.

Table: 1 - ORGANISATIONAL STRUCTURE



Administrative set up

- PME – Planning, Monitoring & Evaluation Board
- DSW – Director of Student Welfare
- SO – Special Officer
- AR – Assistant Registrar
- Admin – Administration
- Est – Establishment
- Authority – Syndicate/Faculty/BOS

- CDC – College Development Council
- IQAC – Internal Quality Assurance Cell
- DR – Deputy Registrar
- Acc – Academic
- Dev – Development
- Gen – General

4.0. INTER DEPARTMENTAL SCENARIO

Among all the departments, the largest number of programmes are five in Bio-Sciences followed by Chemistry (3), Yoga (3), among others.

The student strength (both I & II year) is high in the departments of Commerce, Chemistry, Computer Science, Mathematics, Physics, Physical Education and Business Administration. Generally in Humanities and Social Sciences the intake is declining.

There are 641 students under payment (self-financing) quota. In the Departments of Chemistry, Computer Science, Commerce, Physics they top in the list. Almost one third of the total students in the University departments happen to be under self-financing quota.

In the recent years, the gap between the fee structure for self-financing and aided quotas is narrowing also as a result of relative hike in the fee structure for aided students.

Among the PhDs produced (391), 13 departments account for single digit during the five year period.

The research projects amounted to Rs 5527 lakhs from various funding agencies. In this respect, the top six departments happen to be Chemistry, CARER (National Facility), Applied Botany, Zoology, Biosciences and Marine Geology. (Some of the funds are special assistance funds towards equipment's for general development of science departments (eg. PURSE) and not project-linked).

In terms of research publications, particularly in international journals, the Departments of Chemistry and Industrial Chemistry, Biology group, Physics have done well. The Humanities and Social Science group excepting a few, have done less impressively; one of the commonly cited reason being lack of adequate number of journals in some of the disciplines (The above observations are based on the master table vide in this section).

Table: 2 - INTER-DEPARTMENTAL COMPARATIVE SCENARIO

Faculty of Arts																																		
Department	Course	Self-Financing	Student strength				Teaching Staff				Supporting Staff				Annual Grant			Research Scholars		Academic Output (2014-17)						Research Project								
			I Year		II Year		Sanctioned	Actual				Cats				No	Expenses	Consumables	Library	FT	PT	Publications	Books	Presentations in Conferences/Seminars/Workshops			Conferences/Seminars/Workshops Organized	PhD Projects	No.	Amount (in Lakh)				
			I	N	I	N		A	A	A	G	A	P	A	J									L	O	I					N	I	N	
			P	S	P	P	P	P	F	F	E	E	A	T	A	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Economics	Economics	34	-	37	1	1	3	3	-	2	1	3	-	1	1	-	-	2	50,000	2,000	80,000	12	36	04	26	5	30	11	48	0	2	13	-	-
English	English	12	2	29	1	2	3	5	-	2	1	-	-	-	-	-	2	30,000	15,000	80,000	3	34	1	56	-	13	30	74	1	8	14	1	-	
History	History	06	-	11	-	12	1	2	4	1	3	-	-	-	1	1	2	20,000	-	40,000	8	14	-	10	-	-	5	34	-	2	8	-	-	
Kannada	Kannada	06	-	15	-	18	1	2	3	1	2	3	1	3	-	-	-	1,00,000	-	80,000	15	39	-	1	-	16	-	85	-	7	7	1	100.00	
Mass Communication and Journalism	Mass Communication and Journalism	08	-	16	1	24	1	2	1	-	1	5	1	-	1	1	3	2,00,000	10,000	80,000	3	12	2	1	-	-	5	12	-	3	5	-	-	
Political Science	Political Science	14	1	15	-	30	1	1	3	1	2	-	-	-	1	1	-	1,00,000	-	80,000	13	37	-	3	-	2	5	13	-	17	2	2	1955.57	
Sociology	Sociology	12	-	19	-	27	1	2	2	-	2	2	1	1	-	1	-	20,000	-	40,000	6	21	2	66	-	11	5	76	-	7	37	-	-	
Social Work	Social Work	30	-	50	-	50	-	-	-	-	1	2	3	-	-	1	-	25,000	-	80,000	13	-	72	72	14	24	11	73	-	3	-	3	15.01	

Abbreviation:

- P-> Professor
- ASP-> Associate Professor
- AP-> Assistant Professor
- GF-> Guest Faculty
- AF-> Adjunct Professor
- FT-> Full Time

- PE-> Peon
- A-> Attender
- JT-> Job Typist
- LA-> Lab Assistant
- OS-> Office Staff
- PT-> Part Time

- No.-> Number
- N-> National
- I-> International

Faculty of Commerce																																					
Department	Course	Self-Financing	Student strength				Teaching Staff						Supporting Staff				Annual Grant				Research Scholars				Academic Output (2014-17)						Research Project						
			I Year		II Year		Sanctioned		Actual		Cats				No		Equipment	Consumables	Library	FT	PT	Publication		Books		Presentations in Conferences/Seminars/Workshops		Conferences/Seminars/Workshops Organized		PhD Produced	No.	Amount (In Lakhs)					
			I	N	I	N	A	P	S	P	A	A	G	A	P	A						F	F	L	O	I	N	I	N				I	N	I	N	
Business Administration	Business Administration	-	15	58	4	57	1	2	5	3	1	1	2	-	-	1	2	-	-	3	1,00,000	-	80,000	13	21	51	22	1	1	85	91	-	8	15	1	5.00	
			-	16	-	19	-	-	2	-	-	1	1	-	-	2	-	-	-	-	2	-	-	40,000	-	-	-	6	1	-	-	6	20	-	2	-	-
Commerce	MCom	51	124	1	124																																
	MCom (HRD)	14	-	29	-	15	2	2	5	3	2	4	10	-	1	1	3	-	-	5	30,000	-	80,000	29	73	58	10	3	-	52	55	-	3	10	2	10.00	

Abbreviation:

P-> Professor
 ASP-> Associate Professor
 AP-> Assistant Professor
 GF-> Guest Faculty
 AF-> Adjunct Professor
 FT-> Full Time
 PT-> Part Time

PE-> Peon
 A-> Attender
 JT-> Job Typist
 LA-> Lab Assistant
 OS-> Office Staff

No.-> Number
 N-> National
 I-> International

P.G Centre Chikka Aluvara																																				
Department	Course	Self-Financing	Student strength				Teaching Staff				Supporting Staff				Annual Grant				Research Scholars		Academic Output (2014-17)						Research Project									
			I Year		II Year		Sanctioned	Actual				Cadre				Equipment	Consumables	Library	FT	PT	Publications	Books	Presentations in Conferences/Seminars/Workshops	Conferences/Seminars/Workshops Organized	PhD Prod used	No.	Amount (in Lakhs)									
			Y	N	Y	N		A	A	G	A	A	P	A	J													L	O	I	N	S	I	N	S	
Bio-chemistry	Bio-chemistry	12	-	18	-	12	1	4	1	1	4	-	1	-	1	2	1	-	4	4,00,000	4,50,000	1,00,000	20	15	90	10	1	-	12	50	-	1	-	4	7	107.24
Micro-Biology	Micro-Biology	10	-	13	-	14	1	0	1	1	3	1	-	1	2	1	-	4	5,00,000	4,00,000	1,00,000	11	4	31	4	1	-	30	-	1	-	1	4	48.36		
History	History	10	-	15	-	10	-	-	-	-	3	-	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kannada	Kannada	10	-	6	-	14	-	-	-	-	3	-	1	1	-	2	-	-	-	-	-	85,477	-	-	-	-	-	-	2	9	-	-	-	-	-	-
Political Science	Political Science	10	-	25	-	10	-	-	-	-	3	-	1	1	-	2	-	-	-	-	-	95,641	-	-	-	-	-	8	6	-	-	1	-	-	-	
Social Work	Social Work	15	-	17	-	15	-	-	-	-	4	-	1	1	-	2	-	-	-	-	-	1,17,994	-	-	-	-	-	8	-	-	-	-	-	-	-	
Commerce	Commerce	15	-	53	-	51	-	-	-	-	4	-	1	1	-	2	-	-	-	-	-	1,41,622	-	-	4	6	-	4	6	-	-	-	-	-	-	-

Abbreviation:

P-> Professor
 ASP-> Associate Professor
 AP-> Assistant Professor
 GF-> Guest Faculty
 AF-> Adjunct Professor
 FT-> Full Time
 PT-> Part Time

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Academic Departments

5.0. ACADEMIC DEPARTMENTS

5.1. FACULTY OF ARTS

5.1.1. Department of Economics

Name of the Department		Economics		
Year of establishment		1980		
Programmes offered		M.A. in Economics, PhD in Economics		
Chairperson		Prof. Arabi U.		
Sanctioned Intake for M.A	General	36		
	Partially Self -financing	34		
Sanctioned faculty positions		Assistant Professor: 03	Associate Professor: 01	Professor: 01
Present faculty positions		Assistant Professor	Associate Professor	Professor
	Direct Recruitment	01 01 (Transfer)	-	01
	CAS	-	-	02
Guest Lecturers		01		
Adjunct Professor		03		
Supporting staff		02		
No. of students currently on rolls		PG 1 st year	International: -	
			National: 37	
		PG 2 nd year	International: 01	
			National: 37	
		PhD	International: 03	
			National: 27	
Annual grants (2016-17)		Equipment: Rs.50,000/-		
		Consumables: Rs.2,000/-		
		Library: Rs.80,000/-		
Major research projects (since 2014)		Completed	Ongoing	
		-	-	
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing	
		-	-	
Academic output of the department (since 2014)		Publications	International: 04	
			National: 26	
		Books	International Publishers: 05	
			National Publishers: 30	
Conferences/Seminar/ Workshops Attended by faculty		International: 11		
		National: 48		
M.Phil /PhD awarded (2014-2017)		13 (PhD)		
PhD in Progress		Full time: 12		Part time: 36

Impact factor of publications	No. of Citations: -			
	Range: -			
	Average: -			
	h-index: -			
	i-10 index (range): 0.715 – 6.939			
	SCOPUS: -			
	2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies	-	-	-	-
Consultancy Services	-	-	-	-
Conference/Seminar/Workshops Organised Since 2014	International	-	-	-
	National	-	01	01
Student cleared UGC/CSIR/NET/KSET/GATE/Etc.(Year wise)	-	-	KSET - 01	NET– 01 KSET - 03
Placement percentage (average) (Year wise)	100%	100%	100%	100%
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.	-	-	-	-
Activities of Alumni Association	-	-	-	-
Syllabus last revised	2015			
Any other information:- (Since 2014)				
No. of MOU signed	International: -		National: -	
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	-			
UGC SAP/FIST/Innovative/etc.	-			

The department of Economics was established in 1980 and has a sanctioned intake of 70 (36 + 34 Self-financing). There are five faculty members working at present in the department. The actual number of students admitted to the course is just 37 in both the years.

Observations:

- The department has an ICSSR funded research projects.
- There is compulsory project work at MA level.
- A GIAN programme was organised recently as also regular student fests.

Recommendations:

- Need to increase ICT infrastructure in the department.
- Need to develop applied economics component.
- Need to increase number of staff positions.

5.1.2. Department of English

Name of the Department		English		
Year of establishment		1981		
Programmes offered		M.A. in English, PhD in English		
Chairperson		Prof. Parinitha		
Sanctioned Intake for M.A	General	20		
	Partially Self -financing	12		
Sanctioned faculty positions		Assistant Professor: 03	Associate Professor: 02	Professor:01
Present faculty positions		Assistant Professor	Associate Professor	Professor
	Direct Recruitment	-	-	-
	CAS	-	-	05
Guest Lecturers		02		
Adjunct Professor		01		
Supporting staff		02		
No. of students currently on rolls	PG 1 st year	International: 02		
		National: 29		
	PG 2 nd year	International: 01		
		National:24		
PhD	International: 02			
	National: 34			
Annual grants (2016-17)		Equipment: Rs.30,000/-		
		Consumables: Rs.15,000/-		
		Library: Rs.80,000/-		
Major research projects (since 2014)		Completed	Ongoing	
		01	-	
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing	
		7.28	-	
Academic output of the department (since 2014)		Publications	International: 01	
			National: 56	
		Books	International Publishers:-	
			National Publishers:13	
Conferences/Seminar/ Workshops Attended by faculty		International: 30		
		National: 74		
M.Phil/PhD awarded (2014-2017)		17 (M.Phil) & 14 (PhD)		
PhD in Progress		Full time: 03	Part time: 34	
Impact factor of publications		No. of Citations: -		
		Range: -		
		Average: -		
		h-index: -		
		i-10 index (range): -		
		SCOPUS: -		

		2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies		-	-	-	-
Consultancy Services		-	-	-	-
Conference/Seminar/Workshops Organised Since 2014	International	01	-	-	-
	National	06	-	01	01
Student cleared UGC/CSIR/NET/KSET/GATE/Etc.(Year wise)		-	-	-	-
Placement percentage (average) (Year wise)		-	-	-	-
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.		-	-	-	-
Activities of Alumni Association		-	-	-	-
Syllabus last revised		2015			
Any other information:- (Since 2014)					
No. of MOU signed		International: -		National: -	
No. of patents Applied/Granted		-			
Technology transfer		-			
Extension Activities:		-			
UGC SAP/FIST/Innovative/etc.		-			

The department of English was established in 1981 and offers M A and PhD courses. It has a small language laboratory for use by the students of the department. While it has a sanctioned strength of 6, only 5 positions have been filled up. The approved strength is 20 + 12. Students usually find placements as teachers/lecturers in local colleges/schools. There is one UGC MRP running in the department.

Observations:

- Shortage of faculty.
- Lack of power back up facilities (needs replacement). Limited space availability for optional and for research scholars.

Recommendations:

- Department faculty should be more active in organising seminars/workshops.
- Need to emphasize research and publications further.
- Modernization and expansion of language lab facilities.

5.1.3. Department of History

Name of the Department		Department of Studies in History		
Year of establishment		1980		
Programmes offered		M.A. in History, PhD in History		
Chairperson		Prof. Hanuma Nayaka		
Sanctioned Intake for M.A	General	36		
	Partially Self- financing	06		
Sanctioned faculty positions		Assistant Professor: 04	Associate Professor: 02	Professor:01
Present faculty positions		Assistant Professor	Associate Professor	Professor
	Direct Recruitment	03	01	01
	CAS	-	-	03
Guest Lecturers		-		
Adjunct Professor		-		
Supporting staff		1 + 1		
No. of students currently on rolls	PG 1 st year	International: -		
		National: 11		
	PG 2 nd year	International: -		
		National: 12		
PhD	International: -			
	National: 15+6 = 21			
Annual grants (2016-17)		Equipment:Rs.20,000/-		
		Consumables: -		
		Library : Rs.40,000/-		
Major research projects (since 2014)		Completed	Ongoing	
		-	-	
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing	
		-	-	
Academic output of the department (since 2014)		Publications	International: -	
			National: 10	
		Books	International Publishers: -	
			National Publishers: -	
Conferences/Seminar/ Workshops Attended by faculty		International: 05		
		National: 34		
M.Phil/PhD awarded (2014-2017)		08		
PhD in Progress		Full time: 08	Part time: 14	
Impact factor of publications		No. of Citations: -		
		Range: -		
		Average: -		
		h-index: -		
		i-10 index (range): -		
		SCOPUS:		

		2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies		05	05	05	Best Teacher Award
Consultancy Services		-	-	-	-
Conference/Seminar/ Workshops Organised Since 2014	International	-	-	-	-
	National	-	01	01	-
Student cleared UGC/CSIR/NET/ KSET/GATE/Etc.(Year wise)		01	02	02	-
Placement percentage (average) (Year wise)		40%	30%	30%	40%
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.		-	-	-	-
Activities of Alumni Association		-	-	-	-
Syllabus last revised		2016			
Any other information:- (Since 2014)					
No. of MOU signed		International			National
No. of patents Applied/Granted		-			
Technology transfer		-			
Extension Activities:		-			
UGC SAP/FIST/Innovative/etc.		-			

The department of History was established in 1981 and offers M A and PhD programmes with an emphasis on Modern History. While there are seven sanctioned positions (4 + 2 + 1), recruitment for one lecturer position is still pending. While the sanctioned intake is 42 (36 + 6 Self-financing), the actual number of students admitted is low and stands at about 25.

Observations:

- Project work for IV semester students.
- Declining number of students on rolls.

Recommendations:

- Need to organise seminars/workshops.
- Need to emphasize research and publication further.
- Increase practical academic & research oriented field work for students.

5.1.4. Department of Kannada

Name of the Department		SVP Institute of Kannada Studies		
Year of establishment		1968		
Programmes offered		M.A. in Kannada, PhD in Kannada		
Chairperson		Prof. Somanna		
Sanctioned Intake for M.A	General	36		
	Partially Self- financing	06		
Sanctioned faculty positions		Assistant Professor: 03	Associate Professor: 02	Professor: 01
Present faculty positions		Assistant Professor	Associate Professor	Professor
	Direct Recruitment	03	02	01
	CAS	-	-	-
Guest Lecturers (2017-8)		01		
Adjunct Professor(2017-8)		03		
Supporting staff(2017-8)		-		
No. of students currently on rolls	PG 1 st year	International: -		
		National: 15		
	PG 2 nd year	International: -		
		National: 18		
PhD	International: -			
	National: 54			
Annual grants (2016-17)		Equipment: Rs.1,00,000/-		
		Consumables: Rs.-		
		Library grant: Rs.80,000/-		
Major research projects (since 2014)		Completed	Ongoing	
		-	01	
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing	
		-	100.00	
Academic output of the department (since 2014)		Publications	International: -	
			National: 01	
		Books	International Publishers: -	
			National Publishers: 16	
Conferences/Seminar/ Workshops Attended by faculty		International: -		
		National: 85		
M.Phil/PhD awarded (2014-2017)		07		
PhD in Progress		Full time: 15	Part time: 39	
Impact factor of publications		No. of Citations: -		
		Range: -		
		Average: -		
		h-index: -		
		i-10 index (range): -		
		SCOPUS: -		

		2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies		06	06	06	06
Consultancy Services		-	-	-	-
Conference/Seminar/ Workshops Organised Since 2014	International	-	-	-	-
	National	02	01	02	02
Student cleared UGC/CSIR/NET/ KSET/GATE/Etc.(Year wise)		-	-	-	-
Placement percentage (average) (Year wise)		-	-	-	-
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.		-	-	-	-
Activities of Alumni Association		-	01	01	-
Syllabus last revised		2016-17			
Any other information:- (Since 2014)					
No. of MOU signed		International: -		National: -	
No. of patents Applied/Granted		-			
Technology transfer		-			
Extension Activities:		-			
UGC SAP/FIST/Innovative/etc.		UGC SAP			

The department of Kannada is one of the earliest departments to be started in the PG Centre established by Mysore University, during 1968. It offers M A and PhD courses and has an intake of about 42 (36 + 6 Self-financing). There are however not as many takers for the course. All the 6 faculty positions (3 + 2 + 1) are filled up. The department has several chairs and a museum under it. It organizes seminars every year on various aspects of Kannada literature, language and folklore.

Observations:

- Has received grants from the state government to encourage work on Kannada as a classical language.
- Has a spacious separate building allotted to it.
- Several extension activities undertaken as part of chairs attached to the departments.

Recommendations:

- Need to preserve manuscripts collected in a digital archive.
- Need to emphasize research programme in the department.

5.1.5. Department of Mass Communication and Journalism

Name of the Department		Mass Communication And Journalism			
Year of establishment		1988			
Programmes offered		M.A. in Mass Communication & Journalism, PhD in Mass Communication & Journalism			
Chairperson		Prof. Waheeda Sultana			
Sanctioned Intake for M.A	General	16			
	Partially Self -financing	08	Extra = 10		
Sanctioned faculty positions		Assistant Professor: 02	Associate Professor: 02	Professor:01	
Present faculty positions		Assistant Professor	Associate Professor	Professor	
	Direct Recruitment	01	-	-	
	CAS	-	-	01	
Guest Lecturers		05			
Adjunct Professor		01			
Supporting staff		03			
No. of students currently on rolls	PG 1 st year	International: 0			
		National:16			
	PG 2 nd year	International: 01			
		National: 24			
	PhD	International: 01			
		National: 14			
Annual grants (2016-17)		Equipment: Rs.2,00,000/-			
		Consumables: Rs.10,000/-			
		Library: Rs.80,000/-			
Major research projects (since 2014)		Completed	Ongoing		
		-	-		
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing		
		-	-		
Academic output of the department (since 2014)		Publications	International: 02		
			National: 01		
		Books	International Publishers: -		
			National Publishers: -		
		Conferences/Seminar/ Workshops Attended by faculty	International: 05		
			National: 12		
M.Phil/PhD awarded (2014-2017)		05			
PhD in Progress		Full time: 03	Part time: 12		
Impact factor of publications		No. of Citations: -			
		Range: -			
		Average: -			
		h-index: -			
		i-10 index (range): -			
		SCOPUS: -			

	2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies	-	-	-	-
Consultancy Services	-	-	-	-
Conference/Seminar/ Workshops Organised Since 2014	International	-	-	-
	National	01	01	01
Student cleared UGC/CSIR/NET/ KSET/GATE/Etc.(Year wise)	01	02	-	-
Placement percentage (average) (Year wise)	100%	100%	100%	75%
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.	-	-	-	-
Activities of Alumni Association	-	-	-	-
Syllabus last revised	2016 - 17			
Any other information:- (Since 2014)				
No. of MOU signed	International: -		National: -	
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	-			
UGC SAP/FIST/Innovative/etc.	-			

The department of Mass Communication and Journalism was established in 1988. There is practical oriented work for students, with a news broadsheet “Campus Courier” and a video news magazine “MCJ Round up”, besides a monthly printed practice journal for hands-on experience. It has an intake of 24 (16 + 8 Self-financing). Only one faculty member is on the rolls but has been posted elsewhere.

Observations:

- Acute shortages of permanent faculty.
- Absence of any kind of research projects, though it has a computer lab and a TV studio.
- Has organised a GIAN workshop and has an active alumni association.

Recommendations:

- Need to urgently recruit both academic and technical staff.
- Need to develop research projects.
- Shifting of studio to department premises in the Humanities Block.

5.1.6. Department of Political Science

Name of the Department		Political Science		
Year of establishment		1981		
Programmes offered		M.A. in Political Science, PhD in Political Science		
Chairperson		Prof. Jayaraj Amin		
Sanctioned Intake for M.A	General	36		
	Partially Self financing	14		
Sanctioned faculty positions		Assistant Professor: 01	Associate Professor: 01	Professor:01
Present faculty positions		Assistant Professor	Associate Professor	Professor
	Direct Recruitment	01	-	-
	CAS	-	01	03
Guest Lecturers		02		
Adjunct Professor		-		
Supporting staff		02		
No. of students currently on rolls		PG 1 st year	International: 1	
			National: 15	
		PG 2 nd year	International: 0	
			National: 30	
		PhD	International: 0	
			National: 48	
Annual grants (2016-17)		Equipment: Rs.1,00,000/-		
		Consumables: Rs. Nil		
		Library: Rs.80,000/-		
Major research projects (since 2014) (Teaching and Research)		Completed	Ongoing	
		Erasmus Mundus Action 2, sponsored by European Commission (Exchange Programme entitled Interdisciplinary Bridges in Indo-European Studies) 2012-2016	Jean Monnet Module Module funded by European Commission (Sept 2017- Aug 2020)	
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing	
		EURO 2699275 (approx. Rs 19,43,47,800) for all participating universities	Jean Monnet Module Europ. 11289.60 (70% of the project i. e, Rs. 813950 after exchange) out of EUR16128 (Approx Rs. 1209600 @ 75/Euro)	

Academic output of the Department (since 2014)	Publications		International: -	
			National: 03	
	Books		International Publishers: -	
			National Publishers: 02	
	Conferences/Seminar/ Workshops Attended by faculty		International: 05	
			National: 13	
M.Phil/PhD awarded (2014-2017)	02			
PhD in Progress	Full time: 13		Part time: 37	
Impact factor of publications	No. of Citations: -			
	Range: -			
	Average: -			
	h-index: -			
	i-10 index (range): -			
	SCOPUS: -			
	2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies	-	-	-	-
Consultancy Services	-	-	-	-
Conference/Seminar/ Workshops Organised Since 2014	International	-	-	-
	National	17	-	-
Student cleared UGC/CSIR/NET/ KSET/GATE/Etc.(Year wise)	-	-	-	-
Placement percentage (average) (Year wise)	-	-	-	-
Co-curricular/Co-scholastic/Extra- curricular activities/Fest/Meets etc.	-	-	-	-
Activities of Alumni Association	-	-	-	-
Syllabus last revised	-	-	-	-
Any other information:- (Since 2014)				
No. of MOU signed	International: 1. Aarhus University, Denmark 2. Hochschule Bremen University of Applied Sciences, Germany 3. Leiden University, The Netherlands 4. Reutlingen University, Germany 5. University of Milan, Italy University of Warsaw, Poland Poster			National:
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	-			
UGC SAP/FIST/Innovative/etc.	-			

The department of Political Science was established in 1981. It has a sanctioned intake of 50 (36 + 14 Self-financing). There are only four sanctioned faculty positions and one member is on deputation from a Constituent College. The department has some research exchange with European Universities through the Erasmus Mundus Project of the European Commission. It also has a Nehru Study Centre and has organised several lectures with visiting faculty.

Observations:

- Very low faculty strength.
- Department has several MOUs with European Universities.
- The student strength has been falling over the years.

Recommendations:

- Need to increase faculty strength.
- Need to emphasize student recruitment.
- Need to tap alumni resources and digitalize in light of MOUs with European Universities.

5.1.7. Department of Sociology

Name of the Department		Sociology		
Year of establishment		1981		
Programmes offered		M.A. in Sociology, PhD in Sociology		
Chairperson		Dr. Vinay Rajath D		
Sanctioned Intake for M.A	General	16		
	Partially Self -financing	12		
Sanctioned faculty positions		Assistant Professor: 02	Associate Professor: 02	Professor: 01
Present faculty positions		Assistant Professor	Associate Professor	Professor
	Direct Recruitment	02	02	-
	CAS	-	-	-
Guest Lecturers		01		
Adjunct Professor		01		
Supporting staff		02		
No. of students currently on rolls	PG 1 st year	International: -		
		National: 19		
	PG 2 nd year	International: -		
		National: 27		
PhD	International: -			
	National:-			
Annual grants (2016-17)		Equipment: Rs.20,000/-		
		Consumables: Rs. -		
		Library: Rs.40,000/-		
Major research projects (since 2014)		Completed	Ongoing	
		-	-	
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing	
		-	-	
Academic output of the department (since 2014)		Publications	International: 02	
			National: 66	
		Books	International Publishers: -	
			National Publishers: 11	
Conferences/ Seminar/Workshops Attended by faculty		International: 05		
		National: 76		
M.Phil /PhD awarded (2014-2017)		17& 37		
PhD in Progress		Full time: 06	Part time: 21	
Impact factor of publications		No. of Citations: -		
		Range: -		
		Average: -		
		h-index: -		
		i-10 index (range): -		
		SCOPUS: -		

	2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies	03	03	03	03
Consultancy Services	-	-	-	-
Conference/Seminar/Workshops Organised Since 2014	International	-	-	-
	National	05	-	01
Student cleared UGC/CSIR/NET/KSET/GATE/Etc.(Year wise)	-	-	Net - 01 KSet - 03	-
Placement percentage (average) (Year wise)	-	-	-	-
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.	03	-	-	-
Activities of Alumni Association	01	01	01	01
Syllabus last revised	2016			
Any other information:- (Since 2014)				
No. of MOU signed	International:		National:	
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	-			
UGC SAP/FIST/Innovative/etc.	-			

The department of Sociology was established on 1981 and offers MA and PhD courses, with an intake of 28 (16 + 12 Self-financing). There are two Assistant Professors and 2 Associate Professors (but one is posted elsewhere) and the Professor position is vacant. There is compulsory project work at the MA level.

Observations:

- Shortage of faculty.
- Declining number of students.
- Absence of research projects taken up by staff members.

Recommendations:

- Need to emphasize research and publications.
- Need to appoint faculty.
- Need to make efforts to obtain funding.

5.1.8. Department of Social Work

Name of the Department		Social Work		
Year of establishment		2003/Department Status Granted in 2016		
Programmes offered		M.A. in Social Work, PhD. in Social Work		
Chairperson		Dr. P. G. Aquinas		
Sanctioned Intake for MSW	General	33		
	Partially Self -financing	30		
Sanctioned faculty positions		Assistant Professor: 02	Associate Professor: 01	Professor: 0
Present faculty positions		Assistant Professor	Associate Professor	Professor
	Direct Recruitment	02	01	-
	CAS	-	-	-
Guest Lecturers		03		
Adjunct Professor		-		
Supporting staff		02		
No. of students currently on rolls	PG 1 st year	International: -		
		National: 50		
	PG 2 nd year	International: -		
		National: 50		
	PhD	International: 01		
		National: 12		
Annual grants (2016-17)		Equipment: Rs.25,000/-		
		Consumables: Rs. -		
		Library: Rs.80,000/-		
Major research projects (since 2014)		Completed	Ongoing	
		01	2	
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing	
		01.00	15.00	
Academic output of the department (since 2014)		Publications	International: 72	
			National: 72	
		Books	International Publishers: 14	
			National Publishers: 24	
		Conferences/Seminar/ Workshops Attended by faculty		International: 11
National: 73				
M.Phil/PhD awarded (2014-2017)		NIL		
PhD in Progress		Full time: 13		Part time: -
Impact factor of publications		No. of Citations: -		
		Range: -		
		Average: -		
		h-index: -		
		i-10 index (range): -		
		SCOPUS: -		

		2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies		-	-	-	-
Consultancy Services		-	-	-	-
Conference/Seminar/ Workshops Organised Since 2014	International	-	-	-	-
	National	01	01	-	01
Student cleared UGC/CSIR/NET/ KSET/GATE/Etc.(Year wise)		-	-	-	-
Placement percentage (average) (Year wise)		-	-	-	-
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.		02	02	02	02
Activities of Alumni Association		-	-	-	-
Syllabus last revised		2016			
Any other information:- (Since 2014)					
No. of MOU signed		International: -		National: -	
No. of patents Applied/Granted		-			
Technology transfer		-			
Extension Activities:		Community Extension Activity-30			
UGC SAP/FIST/Innovative/etc.		-			

While the MSW course was started in 2003 under the department of sociology, it was granted the status of a department in 2016. It offers M A and PhD programmes and has an intake of 63 (33 + 30 Self-financing). There are two permanent assistant professors and one associate professor. The department has one ongoing major research project and has a compulsory project at the master's level. It is yet to produce any PhDs, but two scholars have submitted their thesis.

Observations:

- The faculty strength needs to be expanded.
- Several opportunities for field work and individual projects given to students.
- Decreasing number of students in the main campus as there are many private institutions in the locality/university area.

Recommendations:

- Need to increase student strength.
- Need to provide students with skill orientation.

5.2. FACULTY OF SCIENCE

5.2.1. Department of Applied Botany

Name of the Department		Applied Botany			
Year of establishment		1988			
Programmes offered		M. Sc. in Botany , PhD in Applied Botany			
Chairperson		Prof. Krishnakumar G.			
Sanctioned intake for M. Sc.	General	17			
	Partially Self-financing	18			
Sanctioned faculty positions		Assistant Professor: 04	Associate Professor: 02	Professor: 01	
Present faculty positions		Assistant Professor	Associate Professor	Professor	
		Direct Recruitment	01	01	
		CAS	-	01	
Guest Lecturers		02			
Adjunct Professor		01			
Supporting Staff		02			
No. of students currently on rolls		PG 1 st year	International: -		
			National: 31		
		PG 2 nd year	International: -		
			National: 32		
		PhD	International: -		
			National: 17		
Annual grants (2016-17)		Equipments: Rs.3,00,000			
		Consumables: Rs.3,00,000			
		Library: Rs.90,000			
Major research projects (since 2014)		Completed	Ongoing		
		05	02		
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing		
		107.31	33.72		
Academic output of the department (since 2014)		Publications	International: 36		
			National: 07		
		Books	International Publishers: 0		
			National Publishers: 01		
		Conference/Seminar/ Workshops Attended by faculty		International: 13	
				National: 13	
M.Phil/PhD awarded (2014-2017)		19 (PhD)			

PhD in Progress	Full time: 11	Part time: 06		
Impact factor of publications	No. of Citations: -			
	Range: 4.43			
	Average: 2.2			
	h-index: -			
	i-10 index (range): -			
	SCOPUS: -			
	2014	2015	2016	2017
Awards/Fellowship/Membership of academic bodies	-	-	-	-
Consultancy Services	-	-	-	-
Conference/Seminar/ Workshops/Organised since 2014	International	-	-	-
	National	0	02	01
Students cleared UGC/CSIR/NET/ KSET/GATE/ Etc. (Year wise)	GATE 01	NET 01 SLET 01	SLET 04	NET 03 GATE 02
Placement percentage (average) (Year wise)	-	-	-	-
Co-curricular/Co-scholastic/ Extra-curricular activities/Fest/Meets etc.	-	-	-	-
Activities of Alumni Association	-	-	-	-
Syllabus last revised	2016			
Any other information:- (since 2014)				
No. of MOU signed	International: -		National: -	
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	-			
UGC SAP/FIST/Innovative/ etc.	-			

Observations:

- Current regular faculty strength is 04 with 02 Professors, 01 Associate Professor and 01 Assistant Professor, Guest faculty 02 SLET qualified, Adjunct Professor 01, posts of 01 Associate Professor and 03 Assistant Professor are vacant. There is one candidate holding UGC Women Scientist Post-Doctoral Fellowship Limited choice in core papers; project work component in 4th semester, performance of the students in NET, SLET, GATE has been satisfactory with total number of candidates qualified being 16. The department has collaborative research project with Argentina. PhDs in the department 17. Department has 2 botanical gardens and one Arboretum. One striking feature is a pending application

for a patent. Identification of a new species of aquatic plant and rediscovery of endemic plant of Western Ghats, 8 distinguished alumni.

- A major weakness is inadequacy of faculty that has made the department ineligible to apply for grants from central agencies. However, the department is recognized as centre with potential for excellence by Karnataka State Council for Science and Technology for biodiversity wishes to expand the research activities on bio prospecting and related areas.

Recommendations:

- University can increase annual grants for purchasing equipments and chemicals, as the department appears progressive and can do better if facilitated well.
- University should provide some technical staff (Men preferably) for field and extension work of the department.

5.2.2. Department of Applied Zoology

Department Name		Applied Zoology		
Year of establishment		1994		
Programmes offered		M. Sc. in Zoology, Ph.D in Applied Zoology		
Chairperson		Prof. K. Bhasker Shenoy		
Sanctioned intake for M. Sc.	General	16		
	Partially Self-financing	20		
Sanctioned faculty positions		Assistant Professor: 04	Associate Professor: 02	Professor: 01
Present faculty positions		Assistant Professor	Associate Professor	Professor
	Direct Recruitment	01	-	-
	CAS	-	01	02
Guest Lecturers		01		
Adjunct Professor		01		
Supporting staff		03		
No. of students currently on rolls	PG 1 year	International: - National: 33		
	PG 2 nd year	International: - National: 36		
	PhD	International: - National: 15		
Annual grants (2016-17)		Equipment: Rs.4,00,000		
		Consumables: Rs.4,00,000		
		Library: Rs.90,000		
Major research projects (since 2014)		Completed	Ongoing	
		01	05	
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing	
		26.84	300.90	
Academic output of the department (since 2014)		Publications	International: 19 National: 23	
		Books	International: - National: -	
		Conference/Seminar/Workshops Attended	International: 13 National: 65	
M.Phil/PhD awarded (2014-2017)		15 (PhD)		
Ph.D. in Progress		Full time: 15	Part time: 11	
Impact factor of publications		No. of Citations: -		
		Range: 1.2 - 27.9		
		Average: 6.99		
		h-index: 4-10		
		i-10 index (range): 2-10		
		SCOPUS: -		

	2014	2015	2016	2017
Awards/Fellowship/Membership of academic bodies	-	-	-	-
Consultancy Services	-	-	-	-
Conference/Seminar/ Workshops/Organised since 2014	International	-	-	1
	National	2	2	2
Students cleared UGC/CSIR/NET/ KSET/GATE/ Etc. (Year wise)	GATE-2 KSET-7 NET-5	KSET-6	NET-1 KSET-5	NET-1 GATE-2
UGC NET/KSET/Etc.	KSET-7 NET-5	KSET-6	NET-1 KSET-5	NET-1
Placement percentage (average) (Year wise)	90%	94%	95%	93%
Co-curricular/Co-scholastic/ Extra-curricular activities/Fest/Meets etc.	-	-	-	-
Activities of Alumni Association	-	-	-	-
Syllabus last revised	2016-2017			
Any other information:- (since 2014)	-			
No. of MOU signed	International: -		National: -	
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities	<ol style="list-style-type: none"> 1) Department organized workshop on indigenous cow breeds for public and local farmers on 28th November 2014 2) Faculty and students of the Department are involved in People Biodiversity Register (PBR) 3) Students have participated in National Science Day celebration at Pilikula Biological Park. 4) Natural History organization of the department offered service at old age home Abhayashram at Assaigoli on 1^{0th} November 2017. 5) Mangala Yojana – under this programme department was involved in the baseline data collection in villages adopted by the Mangalore University. 			
UGC SAP/FIST/Innovative/etc.	UGC-SAP Phase-II - Rs. 1.05 crores			

Observations:

The Department has 02 Professor, 01 Associate Professor and 01 Assistant Professor, Guest faculty 02 one with PhD and SLET qualification and other with fresh M.Sc, Adjunct Professors 01. There is one candidate holding prestigious Ramalingaswamy fellowship. Posts of one professor and that of 2 Associate Professors are vacant. The department is linked with 4 institutions as research centers. Was able to obtain major research grants from UGC-SAP (Level 2) and other three major research funds from DST, DBT and BRNS. Nearly 4 major projects have been completed and has 3 ongoing projects. Major equipments are available for research. 2 MOU signed, 6 collaborative research programmes, 1 inter-departmental programme, 1 collaborative programme with Cambridge University, UK is in the offing. Nearly 8 conferences/workshops were conducted during the period under report; good extension programmes being undertaken. The department is also recognized for summer fellowship programmes by Indian Academy of Sciences. The department has a museum with a good shell collection.

The noteworthy features are - students participating in summer fellowships sponsored by the Indian Academy of Sciences. Nearly 20 students are GATE/SLET/NET qualified. It is gratifying to note that the placement is above 90%, a large number of Alumni have distinguished themselves in teaching and research both at the National and International level.

Recommendations:

- One of the pressing problems of the department is acute shortage of space for laboratory and lecture halls.
- The department may be encouraged to start Course in Radiation Biology, subject to getting adequate support from the University.

5.2.3. Department of Biosciences

Name of the Department		Biosciences			
Year of establishment		1969			
Programmes offered		M. Sc. and Ph.D in Biosciences M. Sc. and Ph.D in Biotechnology M.Sc. in Microbiology M.Sc. and Ph.D in Environmental Science M.Sc. in Food Science and Nutrition			
Chairperson	Biosciences	Dr. Tharavathy N C Dr. Prashantha Naik (July 2018 onwards)			
Co-ordinator	Biotechnology	Prof. Monika Sadananda			
Co-ordinator	Microbiology	Prof. Chandrakala Shenoy K			
Co-ordinator	Environmental Science	Dr. Tharavathy N C			
Co-ordinator	Food Science and Nutrition	Prof. Chandrakala Shenoy K			
Sanctioned intake for M. Sc.	Biosciences	General	16		
		Partially Self-financing	08		
	Biotechnology	General	16 + Extract 10		
		Partially Self-financing	10		
	Microbiology	General	16		
		Partially Self-financing	12		
	Environmental Science	General	16		
		Partially Self-financing	08		
	Food Science and Nutrition	General	16		
		Partially Self-financing	08		
	Sanctioned faculty positions		Assistant Professor: 03	Associate Professor: 01	Professor: 02
	Present faculty positions		Assistant Professor	Associate Professor	Professor
	Direct Recruitment	-	-	-	
	CAS	-	01	04	
Guest Lecturers		M. Sc. in Biosciences - 02 M. Sc. in Biotechnology - 04 M.Sc. in Microbiology - 04 M.Sc. in Environmental Science -04 M.Sc. in Food Science and Nutrition – 06 Total 20			
Adjunct Professor		Biosciences - 03 Microbiology – 02 Total – 05			
Supporting Staff		Peon – 01 Attender – 04 Store Keeper – 01			

No. of students currently on rolls	Biosciences	PG 1 st year	International: -
			National: 13
		PG 2 nd year	International: -
			National: 14
		PhD	International: 04
			National: 06
	Biotechnology	PG 1 st year	International: -
			National: 19
		PG 2 nd year	International: -
			National: 15
		PhD	International: -
			National: 03
	Microbiology	PG 1 st year	International: -
			National: 25
		PG 2 nd year	International: -
			National: 27
		PhD	International: -
			National: -
	Environmental Science	PG 1 st year	International: 01
			National: 06
		PG 2 nd year	International: -
			National: 05
		PhD	International: -
			National: -
Food Science and Nutrition	PG 1 st year	International: -	
		National: 22	
	PG 2 nd year	International: -	
		National: 24	
	PhD	International: -	
		National: -	
Annual grants (2016-17)	Biosciences		In Rupees
		Equipments	9,00,000/-
		Consumables	4,00,000/-
		Library	90,000/-
	Biotechnology	Equipments	3,00,000/-
		Consumables	3,00,000/-
		Library	40,000/-
	Microbiology	Equipments	8,00,000/-
		Consumables	6,00,000/-
		Library	40,000/-
	Environmental Science	Equipments	10,00,000/-
		Consumables	10,00,000/-
		Library	40,000/-
	Food Science and Nutrition	Equipments	15,00,000/-
		Consumables	5,00,000/-
Library		90,000/-	
Major research projects (since 2014)	Completed		Ongoing
	05		07

Grant received for projects (since 2014) (in lakhs)	Completed		Ongoing	
	DBT-17,84,300.00 UGC : 11,73,000.00 DST-SERB: 40,60,000/- BRNS-DAE : 13.57 Indo-Thai Project (DST) : 12.0 lakh Total: 1,36,34,300/-		DBT: 50.00 lakh BRNS : 22,40,400/- DST-SERB : 29,13,240/- DST-SERB : 26,75,000/- UGC : 6,00,000/- DST –SERB ; 5.5 DBT: 56,43,200/- Total: 1,96,21,840/-	
Academic output of the Department (since 2014)	Publications	International + National : Journals = 172 Book Chapters - 06		
	Books	International Publishers: 0		
		National Publishers: 0		
Conference/Seminar/ Workshops Attended by faculty	International: 09 National: 60 Special Lectures: 28			
M.Phil/PhD awarded (2014-2017)	Ph.D - 15			
PhD in Progress	Full time: 32		Part time: 08	
Impact factor of publications	No. of Citations: 780 (since 2013)			
	Range: 0.4 – 15.7 (since 2013)			
	Average: 4.6 2 (since 2013)			
	h-index: 22 (since 2013)			
	i-10 index (range): 18 (since 2013)			
SCOPUS: 9				
	2014	2015	2016	2017
Awards and Recognitions	04	-	01	-
Consultancy Services	-	-	-	-
Conference/Seminar/ Workshops/Organised since 2014	International	01	-	-
	National	02	01	01
Students cleared UGC/CSIR/NET/ KSET/GATE/ Etc. (Year wise)	NET -01 SLET-04	SLET-01	GATE-01 DBT- JRF - 01 KSET - 03 DBT- BITP-04	GATE-01. DBT- BITP-01 KSET -01
Placement percentage (average) (Year wise)	-	-	50%	50%
Co-curricular/Co-scholastic/ Extra-curricular activities/Fest/Meets etc.	-	01	03	03

Activities of Alumni Association	-	-	-	-
Syllabus last revised	2016 Revised the syllabi of PhD in Biosciences and Biotechnology (2015-16)			
Any other information:- (since 2014)				
No. of MOU signed	International:		National:	
			2 (DBT for project and Fr. Muller Homoeopathic Medical College for collaborative research)	
No. of patents Applied/Granted				
Technology transfer				
Extension Activities	<p>Nature painting competition and Exhibition of Wildlife and nature photography for general public was conducted as a part of National Environment Awareness Campaign -2014, under the auspices of Union Ministry of Environment, Forests and Climate Change on 21-22nd December 2014, in the campus.</p> <ul style="list-style-type: none"> • Member, National Advisory Committee, SERB School in Chronobiology, 2014 • Member, Institutional Stem Cell Research Committee, Nitte University, 2014- • DBT Nominee, Institutional Biosafety Committee, Yenepoya University, 2016- • Member, National Advisory Committee, International Congress on Bioacoustics, Oct 2017 • Examiner (MSc and PhD) for VTU, MS University Baroda, Manipal Academy of Higher Education, Yenepoya deemed-to-be University <p>Invited lectures:</p> <ul style="list-style-type: none"> • <i>Career options in Life sciences</i>, Mangalore University College, June 2014 • <i>Neuroanatomy of circadian system and Timed events in learning and memory in birds</i> at SERB School in Chronobiology, Mangalore University, Dec 2018 • <i>Research project proposals and funding agencies</i> at St Aloysius Institute of Management and Information Technology (AIMIT), 18 April 2015 • <i>Avian Neurogenesis, Homologies between avian and mammalian brain and Neuroanatomy of avian brain</i> at SERB School in Avian Biology, University, 			

	Haridwar, 9-11 March 2015 • Research methodology and career options in the life sciences, at Alva's College, Moodabidri, 15 September 2017 <i>What after BSc?</i> Mangalore University College, June 2018
UGC SAP/FIST/Innovative/ etc.	UGC-SAP grant of Rs. 60 lakhs DST-FIST grant of Rs. 95 lakhs (Rs. 75 lakh for equipment; Rs. 20 lakh for infrastructure)

Department of Biosciences offers five programmes at PG level.

1. Biosciences
2. Biotechnology
3. Microbiology
4. Environmental Science
5. Food Science and Nutrition

In addition to PG programmes three disciplines namely Bioscience, Biotechnology and Environmental Science offering PhD programme. One of the faculty member of Bioscience has post-doctoral research experience at University of Bielefeld and Phillips University (Germany). Many of the faculty members got major research projects from funding agencies like DST, SERIS, UGC, BRNS, DBT etc in last four years. This department has established an Instrumentation lab with modern research equipment worth of more than Rs. 1.5 Crore. Faculty members are Reviewers of many International Journals.

Observations:

- It is rather surprising that four additional PG programmes are tagged on to this department. The parent department of Biosciences has 04 Professors, 01 Assistant Professor and 02 Guest faculty of whom 1 is SLET qualified. Biotechnology has 04 Guest faculty among whom 02 are SLET qualified. Microbiology has 04 guest faculty among whom one is PhD and SLET qualified and another with SLET. Environmental Science has 06 guest faculty – one with PhD and two with MSc qualification. Food and nutrition has 06 Guest Faculty among whom two are with PhD. 08 students have qualified GATE/SLET/NET. There are three adjunct professors in Biosciences and two in microbiology. 5 major research projects have been completed and 7 ongoing. Major funding was obtained from UGC-1/BRNS-1/DBT-2/DST-3. Collaboration exists in

terms of one international and one national programmes. It is the opinion of the committee that the burden of looking after 4 additional new PG programmes has rendered the Department of Biosciences very weak. With result, some urgent steps will have to taken to free the said department from additional responsibilities.

Recommendations:

- All the programmes under Bioscience department should be brought in the Umbrella of School of Life Sciences, under the faculty of science.
- The faculty can explore the possibility of offering interdisciplinary common courses for above programmes be given a thrust under the broad spectrum of Life Sciences. This school can emerge as a school of excellence with some flagship programmes in cutting edge areas.

5.2.4. Department of Chemistry

Name of the Department		Chemistry			
Year of establishment		1981			
Programmes offered		1. M.Sc. in Chemistry 2. M.Sc. in Applied Chemistry 3. M.Sc. in Organic Chemistry 4. PhD in Chemistry			
Chairperson	Chemistry	Prof. Boja Poojary			
	Applied Chemistry				
	Organic Chemistry				
Sanctioned intake for M.Sc.	Chemistry	General	26		
		Partially Self-financing	20		
	Applied Chemistry	General	16		
		Partially Self-financing	16		
	Organic Chemistry	General	16		
		Partially Self-financing	16		
Sanctioned faculty positions		Assistant Professor	Associate Professor	Professor	
		08	02	02	
Present faculty positions		Assistant Professor	Associate Professor	Professor	
	Direct Recruitment	01	-	-	
	CAS	-	-	07	
Guest Lecturers		13			
Adjunct Professor		04			
Supporting Staff		12			
No. of students currently on rolls	Chemistry	PG 1 st year	International: -	National: 51	
		PG 2 nd year	International: -	National: 49	
		PhD	International: -	National: 21	
	Applied Chemistry	PG 1 st year	International: -	National: 32	
		PG 2 nd year	International: -	National: 31	
	Organic Chemistry	PG 1 st year	International: -	National: 21	
		PG 2 nd year	International: -	National: 27	
	Annual grants (2016-17)		Equipments: Rs.18.00 Lakhs		
			Consumables: Rs.25.00 Lakhs		
			Library: Rs.0.90 Lakhs		

Major research projects (since 2014)	Completed		Ongoing	
	04		06	
Grant received for projects (since 2014) (in lakhs)	37.26		753.164	
Academic output of the department (since 2014)	Publications		International: 230	
			National: 17	
	Books		International Publishers: 03	
			National Publishers: -	
	Conference/Seminar/Workshops Attended by faculty		International: 36	
			National: 15	
M.Phil/PhD awarded (2014-2017)	27 (PhD)			
PhD in Progress	Full Time: 48		Part Time: 23	
Impact factor of publications	No. of Citations: 0-4900			
	Range: 0- 8.75			
	Average: 4.375			
	h-index: 3-28			
	i-10 index (range): 0 - 128			
	SCOPUS h-index: 5- 24			
	2014	2015	2016	2017
Awards/Fellowship/Membership of academic bodies	03	03	01	01
Consultancy Services	-	-	-	-
Conference/Seminar/Workshops/Organised since 2014	International	-	-	-
	National	-	-	02
Students cleared UGC/CSIR/NET/KSET/GATE/ Etc. (Year wise)	02	02	03	03
Placement percentage (average) (Year wise)	Industries	25%	44%	38%
	Institutions	69%	49%	53%
	Total	94%	93%	91%
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.	01	01	01	01
Activities of Alumni Association	-	01	-	-
Syllabus last revised	2016-17			
Any other information: (since 2014)				
No. of MOU signed	International: -		National: -	
No. of patents Applied/Granted	Granted: 02			
Technology transfer	-			
Extension Activities:	<ul style="list-style-type: none"> ➤ Conduct of Special Lectures & Endowment Lectures ➤ Conduct of Intercollegiate competitions under Chemical Society ➤ Conduct of workshop on safe handling of chemicals by Chemistry Alumni 			

	<ul style="list-style-type: none"> ➤ Conduct of Campus interview by reputed industries ➤ Students are directed to participate in the intercollegiate subject related competitions ➤ Workshop on x-ray crystallography and a conference on functional nanomaterials are conducted ➤ Village adoption programme was initiated ➤ Swachchatha Abhiyana Programme
UGC SAP/FIST/Innovative/ etc.	UGC-SAP II Phase (2013-2018: 75 Lakhs) Coordinator: Prof. Balakrishna Kalluraya

Department of Chemistry was established in this University in the year 1981. Later two more M.Sc programs in Applied Chemistry and Organic Chemistry were added. The total combined intake into these three programs is about 110 students. In addition to M.Sc programmes, this department also offers PhD programme in Chemistry.

Achievements (2014-2018)

During this assessment year, 27 students were awarded PhD degrees. At present, 48 full time and 23 part time research scholars are registered for PhD program. The Department has contributed to science significantly by carrying out research and published 247 research papers in peer reviewed national and international journals. The average impact factor of these publications is around 4.37. Research scholars and the faculty of this department attended and presented good number of papers in different National and International conferences held in India.

This department received financial Support of **Rs. 1.12 Crores** from UGC under two phases of **SAP**. It also received **Rs. 42 Lakhs** from DST under **FIST** programme. The best practice of the department is to revise M. Sc course curriculum almost once in two years to incorporate latest developments in the field of chemistry. Department has conducted 01 International conference and two national workshops. Many of the students of this department secured jobs in premier chemical industries, R & D centres and in Academic Institutions in Karnataka.

Faculty of this Department received more than **Rs. 2 Crores** research grants from National research funding agencies like UGC, DST, DAE, NPCIL, KSCST, BRNS etc, for their research in Chemistry and allied interdisciplinary work.

Two of the faculty members are Fellows of the Royal Society of Chemistry (London). One faculty member is recipient of Brain Pool Research Fellowship from Korea and another faculty member is a Commonwealth Fellowship recipient. One faculty member was awarded the 'Dr. Kalpana Chawla Young Women Scientist' State Award by Govt. of Karnataka. Another faculty member has received Raman Post-Doctoral fellowship to work in USA.

Observations:

- The sanctioned Faculty strength of the Department is 12 (08 Assistant Professors, 02 Associate Professors and 02 Professors). However, one Assistant Professor and 07 Professors (CAS) are on roll. This regular faculty is supported by 13 junior Guest lecturers in teaching students of M.Sc.
- The department is running three independent diverse M.Sc. programs and most of the teaching load is shared by the junior guest lecturers. It is not a healthy trend. The quality of teaching needs more attention.
- Required number of teaching laboratories are not available to run practical classes to all three M. Sc programs as per the curriculum, due to the acute space problem.
- In spite of the fact that the department was established more than 38 years back, the existing labs are not planned for the present intake of the students.
- Though the department could procure large number of sophisticated instruments under various schemes, they were not housed in a single place for proper utilization but scattered at different places.
- Department arranges two months summer internship to its students in reputed industries.
- Students need motivation for clearing competitive examinations. Not many students cleared UGC/CSIR/NET/GATE/KSET etc.
- No consultancy services are offered by this department.
- Inter-disciplinary research is carried out in this department.

Recommendations:

- Research activities and publications are to be improved.
- Vacant teaching and non-teaching posts are to be filled up.
- New teaching laboratories have to be setup Teachers need to take up projects.
- There is an urgent need for creating more number of Girls/ Ladies wash rooms.
- This department needs more physical space for establishing new teaching and research laboratories.

- More number of class rooms are needed for the department.
- Extensive use of ICT is required to enable teaching and learning.
- Department needs to organize more number of conferences and seminars.
- Department needs to have collaborations with other institutions.
- Department needs to focus on providing Consultancy services.
- More faculty should be appointed to strengthen teaching and research in the department.

5.2.5. Department of Industrial Chemistry

Name of the Department		Industrial Chemistry		
Year of establishment	Industrial Chemistry	2009		
	Biochemistry	2014		
Programmes offered		M.Sc. in Industrial Chemistry, PhD in Industrial Chemistry M.Sc. in Biochemistry, PhD in Biochemistry		
Chairperson	Industrial Chemistry	Prof. B. K. Sarojini		
Co-ordinator	Biochemistry	Prof. B. K. Sarojini		
Sanctioned intake for M. Sc.	Industrial Chemistry	General	22 + 10 Extra reserved	
		Partially Self-financing	13	
	Biochemistry	General	16 + 10 Extra reserved	
		Partially Self-financing	12	
Sanctioned faculty positions		Assistant Professor: 02	Associate Professor: 01	Professor: 01
Present faculty positions		Assistant Professor	Associate Professor	Professor
Industrial Chemistry	Direct Recruitment	01	-	01
	CAS	-	-	-
Guest Lecturers	Industrial Chemistry	03		
	Biochemistry	05		
Adjunct Professor	Industrial Chemistry	-		
	Biochemistry	01		
Supporting Staff	Industrial Chemistry	04		
	Biochemistry	04		
Scientific Officer	Biochemistry	01		
No. of students currently on rolls	Industrial Chemistry	PG 1 st year	International: -	
			National: 39	
		PG 2 nd year	International: -	
			National: 29	
	PhD	International: 02		
		National: 07		
	Biochemistry	PG 1 st year	International: -	
			National: 20	
PG 2 nd year		International: -		
		National: 24		
PhD		International: 01		
		National: 01		

Annual grants (2016-17)	Industrial Chemistry	Equipments: Rs.5,00,000/-				
		Consumables: Rs.8,00,000/-				
		Library: Rs.90,000/-				
	Biochemistry	Equipments: Rs.7,00,000/-				
		Consumables: Rs7,00,000/-				
		Library: Rs.90,000/-				
Major research projects (since 2014)	Industrial Chemistry	Completed	Ongoing			
		-	BRNS			
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing			
		-	13.13			
Academic output of the department (since 2014)	Industrial Chemistry	Publications		International: 60		
				National: 04		
		Books	International Publishers: -			
			National Publishers: -			
		Conference/Seminar/ Workshops Attended by faculty	International:06			
National: 07						
M.Phil/PhD awarded (2014-2017)		-				
PhD in Progress	Industrial Chemistry	Full time: 07		Part time: 02		
	Biochemistry	Full time: 02		Part time: 0		
Impact factor of publications	Industrial Chemistry	No. of Citations: 228				
		Range: 0 – 8.38				
		Average: 4.2				
		h-index: 25 (G.S) 22 (Scopus)				
		i-10 index (range): 40 - 50				
		SCOPUS: 342				
	Biochemistry	No. of Citations: 127				
		Range: -				
		Average: -				
		h-index: 06 (Scopus)				
		i-10 index (range): 05				
		SCOPUS: -				
		2014	2015	2016	2017	
Awards/Fellowship/Membership of academic bodies		-	01 BOE & BOS	01 BOE & BOS	01 BOE & BOS	
Consultancy Services		-	-	-	-	
Conference/Seminar/ Workshops/Organised since 2014	International	-	-	-	-	
	National	-	-	01	-	
Students cleared UGC/CSIR/NET/ KSET/GATE/ Etc. Year wise)	Industrial Chemistry	-	01	-	-	
	Biochemistry	-	-	-	01	

Placement percentage (average) (Year wise)	Industrial Chemistry	80%	83%	87%	90%
	Biochemistry	-	95%	80%	70%
Co-curricular/Co-scholastic/ Extra-curricular activities/Fest/Meets etc.		-	-	National level students fest-VORTEX-2016	-
Activities of Alumni Association		-	-	-	Organises Special Lectures in cooperated with the department on 18 th November 2016 of the Topic “Awareness about Nuclear Power & Radiation”
Syllabus last revised		2016			
Any other information:- (since 2014)					
No. of MOU signed		International:-		National:-	
No. of patents Applied/Granted		-			
Technology transfer		-			
Extension Activities		DST-PURSE sponsored National seminar & workshop (2016), “Functional Nanomaterials for Energy, Environment and Health (FuNEH – 2016)”, 21-22, March 2016.			
UGC SAP/FIST/Innovative/ etc.		-			

Industrial Chemistry came into existence as a separate department in this University from 2015. Earlier this M.Sc program in Industrial Chemistry, was offered by the chemistry department. The curriculum of this course is designed by integrating all important aspects of chemistry and its application to chemical industry. On completion of this course, students are expected to get employment in various sectors in the chemistry such as Oil and Petroleum, Cosmetics, Pharmaceuticals, Pulp and Paper, Textiles, water purification, plastics etc. The approved strength of this programme is 35.

Observations:

- Required numbers of laboratories are established as per the curriculum.
- Acute shortage of regular faculty. Out of 4 sanctioned faculty positions (01 professor, 01 Associate Professor and 02 Assistant Professors) only 01 Professor and 01 Assistant Professor are working at present leaving other positions vacant. The teaching load is shared by 03 more Guest Faculty.
- All students take up project work in Chemical Industries in fourth semester.

Recommendations:

- Department should develop a culture of organizing seminars and conferences.
- Active participation in research is desirable.
- Modernization of the laboratories is desirable.

5.2.6. Department of Computer Science

Name of the Department		Computer Science		
Year of establishment		1992		
Programmes offered		M. Sc. Computer Science , PhD in Computer Science Master of Computer Application		
Chairperson	Computer Science	Prof. Manjaiah D. H		
	Master of Computer Application	Prof. Manjaiah D. H		
Sanctioned intake for M. Sc.	Computer Science	General	22	
		Partially Self-financing	40	
MCA	Master of Computer Application	General	60	
		Partially Self-financing	-	
Sanctioned faculty positions		Assistant Professor: 04	Associate Professor: 02	Professor: 01
Present faculty positions		Assistant Professor	Associate Professor	Professor
	Direct Recruitment	01	-	-
	CAS	-	-	04
Guest Lecturers		07		
Adjunct Professor		0		
Supporting Staff		04		
No. of students currently on rolls	Computer Science	PG 1 st year	International: 03	
			National: 45	
		PG 2 nd year	International: 03	
			National: 29	
		PhD	International:08	
			National: 18	
	Master of Computer Application	PG 1 st year	International: -	
			National: To be admitted	
		PG 2 nd year	International: -	
			National: 09	
		PG 3 rd year	International: -	
			National: 21	
PhD	International: -			
	National: -			
Annual grants (2016-17)		Equipments: Rs.2,50,000		
		Consumables: Rs. -		
		Library: Rs.90,000		

Major research projects (since 2014)	Completed		Ongoing	
	03		01	
Grant received for projects (since 2014) (in lakhs)	Completed		Ongoing	
	23.00		28.00	
Academic output of the department (since 2014)	Publications	International: 72		
		National: 50		
	Books	International Publishers: 06		
		National Publishers: 05		
Conference/Seminar/Workshops Attended by faculty	International: 64			
	National: 58			
M.Phil/PhD awarded (2014-2017)	19 (PhD)			
PhD in Progress	Full time: 14		Part time: 20	
Impact factor of publications	No. of Citations: -			
	Range: -			
	Average: -			
	h-index: -			
	i-10 index (range): -			
	SCOPUS: -			
	2014	2015	2016	2017
Awards/Fellowship/Membership of academic bodies	-	-	-	-
Consultancy Services	-	-	-	-
Conference/Seminar/Workshops/Organised since 2014	International	26	-	-
	National	28	-	-
Students cleared UGC/CSIR/NET/KSET/GATE/ Etc. (Year wise)	01	05	06	04
Placement percentage (average) (Year wise)	-	-	-	-
Co-curricular/Co-scholastic/ Extra-curricular activities/Fest/Meets etc.	-	-	-	-
Activities of Alumni Association	-	-	-	-
Syllabus last revised				
Any other information:- (since 2014)				
No. of MOU signed	International: 01		National: 01	
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	-			
UGC SAP/FIST/Innovative/ etc.	DST-FIST			

The Department of Computer Science was established in 1992. The Department offers two years and three years Master degree programme in Computer Science and Computer Applications and Doctoral programmes in Computer Science. The PhD programme focuses on innovative research in the areas of Pattern Recognition and Image Processing, Data Mining and

Knowledge Discovery, Advanced Networks and Communication, Text Mining, Bioinformatics, Natural Language Processing and other related areas.

Observations:

- Department sanctioned faculty strength is 07 (01 Professor, 02 Associate Professors and 04 Assistant Professors). At present there are 05 Professors on the roll and 07 Guest faculty are sharing the teaching load of the department.
- The Department intake of students is 40 in M.Sc. and 60 in M.C.A. programmes.
- The Department should have been equipped with three different laboratories to cater the needs of the today's industry/research requirements. However, the department has only two teaching laboratories and one research laboratory.
- Computer laboratories are working with no provision of air-conditioning which is a bare minimum requirement.
- Research Laboratory has been equipped with twenty Wipro Make Computer systems with Intel 3rd Generation i3 processors. All these systems have been networked and are loaded with basic tools to learn programming skills and system architecture for the semester course work and to conduct research work.
- Quite a good number of foreign researcher scholars are working in the department.
- Department secured reasonably good amount of grants for research projects and generated enough revenue for the university through its academic programmes.
- Two GIAN programs have been successfully conducted during the assessment period.
- Faculty participation in teaching and research is satisfactory.

Recommendations:

- Teaching and Research laboratories have to be modernized with latest equipment.
- More laboratory and teaching spaces are an urgent need of the department.
- More academic collaboration with other reputed academic Institutions needs to be developed.
- Students to be made industry ready by imparting extra subject skills.
- There is a need for increasing annual grant to the department to augment day to day requirements of the department.
- Department needs to have collaboration with industries and consultancy services are to be strengthened.

5.2.7. Department of Electronics

Name of the Department		Electronics			
Year of establishment		1995			
Programmes offered		M.Sc. in Electronics, PhD in Electronics			
Chairperson		Prof. Naveen Kumar S. K.			
Sanctioned intake for M. Sc.	General	16			
	Partially Self-financing	16			
Sanctioned faculty positions		Assistant Professor: 02	Associate Professor: 0	Professor: 01	
Present faculty positions		Assistant Professor	Associate Professor	Professor	
	Direct Recruitment	02	-	01	
	CAS	-	-	01	
Guest Lecturers		03			
Adjunct Professor		-			
Supporting Staff		-			
No. of students currently on rolls	PG 1 st year	International: -			
		National: 10			
	PG 2 nd year	International: -			
		National: 17			
	PhD	International: 01			
		National: 14			
Annual grants (2016-17)		Equipments: Rs.5,00,000/-			
		Consumables: Rs.30,000/-			
		Library: Rs.90,000/-			
Major research projects (since 2014)		Completed	Ongoing		
		01	01		
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing		
		6.00	114.00		
Academic output of the department (since 2014)		Publications	International: -		
			National: -		
		Books	International Publishers: -		
			National Publishers: -		
		Conference/Seminar/Workshops Attended by faculty		International: 33	
				National: 42	
M.Phil/PhD awarded (2014-2017)		03 (PhD)			

PhD in Progress		Full time: 08		Part time: 08	
Impact factor of publications		No. of Citations: -			
		Range: -			
		Average: -			
		h-index: -			
		i-10 index (range): -			
		SCOPUS: -			
		2014	2015	2016	2017
Awards/Fellowship/Membership of academic bodies		-	-	-	-
Consultancy Services		-	-	-	-
Conference/Seminar/ Workshops/Organised since 2014	International	-	-	-	-
	National	01	-	01	-
Students cleared UGC/CSIR/NET/ KSET/GATE/ Etc. (Year wise)		-	-	-	-
Placement percentage (average) (Year wise)		-	-	-	-
Co-curricular/Co-scholastic/ Extra-curricular activities/Fest/Meets etc.		-	-	-	-
Activities of Alumni Association		-	-	-	-
Syllabus last revised		2017-18			
Any other information:- (since 2014)					
No. of MOU signed		International: -		National: -	
No. of patents Applied/Granted		-			
Technology transfer		-			
Extension Activities:		-			
UGC SAP/FIST/Innovative/ etc.		-			

M.Sc. Electronics is a unique programme designed to suit the requirements of Electronics industry in the country. This programme was initiated with active support of University Grants Commission. This Programme is run in collaboration with reputed industries and national laboratories. Experts from various electronic industries, senior professors of reputed academic institutions and scientists from National Research laboratories are involved in teaching this programme.

Observations:

- The students of this department receive extensive project training in the fourth semester from various industries and national laboratories.
- The total intake of the students for this M.Sc. programme is 32.

- The sanctioned faculty positions in the department are three (01 professor and 02 Assistant Professors). At present 02 Assistant Professors and 02 Professors are on roll. The teaching load is shared by this faculty along with other 03 guest faculty.
- Three students were awarded PhD degree in this assessment period.
- Only two conferences were organized by this department. Not much research activity is visible in this department.
- Department has started a P.G. Diploma programme in Embedded Systems.
- The old traditional methods of teaching in the department virtually needs complete overhaul.
- Department developed collaboration with Florida International university (U.S.A) under Indo US bilateral project.

Recommendations:

- Establish more linkages with the Electronic Industries.
- More involvement in research activities.
- Starting more P.G. Diploma programmes.
- Offer consultancy.
- Establish interdisciplinary research.
- Modern student centric teaching methods should be adopted by the department.

5.2.8. Department of Geography

Name of the Department		Geography		
Year of establishment		2016		
Programmes offered		M.Sc. Geography, PhD in Geography		
Co-ordinator		Dr. Dasharatha P Angadi		
Sanctioned intake for M. Sc.	General	20		
	Partially Self-financing	10		
Sanctioned faculty positions		Assistant Professor: 0	Associate Professor: 0	Professor: 0
Present faculty positions		Assistant Professor	Associate Professor	Professor
		Direct Recruitment	-	-
		CAS	-	-
Guest Lecturers		03		
Adjunct Professor		00		
Supporting Staff		02		
No. of students currently on rolls		PG 1 st year	International:	
			National: 15	
		PG 2 nd year	International:	
			National: 07	
PhD	International:			
	National: 05			
Annual grants (2016-17)		Equipments: Rs.10,00,000		
		Consumables: Rs.5,00,000		
		Library: Rs.80,000		
Major research projects (since 2014)		Completed	Ongoing	
		-	-	
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing	
		-	-	
Academic output of the department (Since 2014)		Publications	International: 07	
			National: -	
		Books	International Publishers: -	
			National Publishers: 01	
Conference/Seminar/Workshops Attended by faculty		International: 06		
		National: 10		
M.Phil/PhD awarded (2014-2017)		-		

Ph.D. in Progress		Full time: 04		Part time: 01	
Impact factor of publications		No. of Citations: -			
		Range: -			
		Average: -			
		h-index: -			
		i-10 index (range): -			
		SCOPUS: -			
		2014	2015	2016	2017
Awards/Fellowship/Membership of academic bodies		-	-	-	-
Consultancy Services		-	-	-	-
Conference/Seminar/Workshops/Organised since 2014	International	-	-	-	-
	National	-	-	-	-
Students cleared UGC/CSIR/NET/KSET/GATE/ Etc. (Year wise)		-	-	-	-
Placement percentage (average) (Year wise)		-	-	-	-
Co-curricular/Co-scholastic/ Extra-curricular activities/Fest/Meets etc.		-	-	-	-
Activities of Alumni Association		-	-	-	-
Syllabus last revised		2016			
Any other information:- (since 2014)					
No. of MOU signed		International: -		National: -	
No. of patents Applied/Granted		-			
Technology transfer		-			
Extension Activities:		-			
UGC SAP/FIST/Innovative/ etc.		-			

Observations:

- Established recently in 2016. Offers M.Sc. Geography. Faculty strength: Sanctioned: Nil; presently working: Only one Associate Professor working on deputation from Constituent College; Guest Faculty: 03; PhD Scholars: 07 of whom 03 are JRF and 04 NET qualified. Department is planning to taken steps to introduce Geography as one of the subjects in the undergraduate level for B.Sc. Being a new department, it needs full support from the University to stabilize.

5.2.9. Department of Human Consciousness and Yogic Sciences

Name of the Department		Human Consciousness and Yogic Sciences		
Year of establishment		1998		
Programmes offered		M.Sc. in Yogic Science, PhD in Yogic Science P G Diploma in Yogic Science Certificate Course in Yogic Science Introductory Course in Yogic Science – I Introductory Course in Yogic Science – II		
Chairperson		Dr. K. Krishna Sharma		
Sanctioned intake for M. Sc.	Yogic Science	General	20	
		Partially Self-financing	12	
	P G Diploma in Yogic Science	General	16	
		Partially Self-financing	0	
Sanctioned faculty positions		Assistant Professor: 02	Associate Professor: 0	Professor: 01
Present faculty positions		Assistant Professor	Associate Professor	Professor
		Direct Recruitment	01	-
		CAS	-	01
Guest Lecturers		04		
Adjunct Professor		02		
Supporting Staff		01		
No. of students currently on rolls	Yogic Science	PG 1 st year	International: 01	
			National: 19	
		PG 2 nd year	International: -	
	National: 26			
	PhD	International: -		
		National: 04		
P G Diploma in Yogic Science	PG 1 Year	International: -		
		National: 03		
Annual grants (2016-17)		Equipments: Rs.35,000		
		Consumables: Rs.25,000		
		Library: Rs.90,000		
Major research projects (since 2014)		Completed	Ongoing	
		-	-	
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing	
		-	-	

Academic output of the department (since 2014)	Publications	International: 26			
		National: 09			
	Books	International Publishers: 0			
		National Publishers: 03			
Conference/Seminar/ Workshops Attended by faculty	International: 23				
	National: 09				
M.Phil/PhD awarded (2014-2017)	4 (PhD)				
PhD in Progress	Full time: 07		Part time: 02		
Impact factor of publications	No. of Citations: -				
	Range: 3.335 – 5.4				
	Average: 4.368				
	h-index: -				
	i-10 index (range): -				
	SCOPUS: -				
	2014	2015	2016	2017	
Awards/Fellowship/Membership of academic bodies	12	12	09	11	
Consultancy Services	Yoga therapy Centre (Functionin g daily through out the year).	Yoga therapy Centre (Functioni ng daily through out the year).	Yoga therapy Centre (Functioni ng daily through out the year).	Yoga therapy Centre (Functioni ng daily through out the year).	
Conference/Seminar/ Workshops/Organised since 2014	International	06	02	01	01
	National	03	-	-	-
Students cleared UGC/CSIR/NET/ KSET/GATE/ Etc. (Year wise)	-	-	-	14	
Placement percentage (average) (Year wise)	80%	75%	80%	85%	
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.	Conducting Educational tour every year, facilitating students to attend seminars, conferences and present papers. 3	03	03	03	

Activities of Alumni Association	-	-	-	Training the students for NET etc. - 3.
Syllabus last revised	2015			
Any other information:- (since 2014)				
No. of MOU signed	International: 03		National: 01	
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	15 - 20 Yoga Therapy /Training camps conducted every year.			
UGC SAP/FIST/Innovative/ etc.	UGC innovative Programme (2010-11 to 2014-15), grant Rs 39lakhs.			

Observations:

- Offers 2 years Masters Programmes and PhD. Among students 02 qualified NET, 6 KSLET and 01 JRF. Placement is excellent with more than 97%. 03 national conferences are conducted. Faculty sanctioned Professor-01, Associate Professor-01 and Assistant Professors-04, presently working Professor-01, Guest Faculty-02 (NET qualified) PhD awarded 11.
- Difficulties existing in terms of space and staff.

5.2.10. Department of Library and Information Science

Name of the Department		Library and Information Science			
Year of establishment		1982			
Programmes offered		Master of Library Information Science, PhD in Library Information Science			
Chairperson		Prof. Khaisar M Khan			
Sanctioned intake for M. Sc.	General	16			
	Partially Self-financing	12			
Sanctioned faculty positions		Assistant Professor: 04	Associate Professor: 01	Professor: 01	
Present faculty positions		Assistant Professor	Associate Professor	Professor	
	Direct Recruitment	01	02	01	
	CAS	-	-	01	
Guest Lecturers		01			
Adjunct Professor		01			
Supporting Staff		02			
No. of students currently on rolls	PG 1 st year	International: -			
		National: 10			
	PG 2 nd year	International: -			
		National: 07			
	PhD	International:-			
		National: 11			
Annual grants (2016-17)		Equipments: Rs.6,00,000			
		Consumables: Rs.22,000			
		Library: Rs.90,000			
Major research projects (since 2014)		Completed	Ongoing		
		-	-		
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing		
		-	-		
Academic output of the department (since 2014)		Publications	International: 16		
			National: 01		
		Books	International Publishers: 0		
			National Publishers: 15		
		Conference/Seminar/ Workshops Attended by faculty		International: 03	
				National: 32	
M.Phil/PhD awarded (2014-2017)		11 (PhD)			
PhD in Progress		Full time: 03	Part time: 24		

Impact factor of publications	No. of Citations: -			
	Range: -			
	Average: -			
	h-index: -			
	i-10 index (range): -			
	SCOPUS: -			
	2014	2015	2016	2017
Awards/Fellowship/Membership of academic bodies	-	-	01	01
Consultancy Services	-	-	-	-
Conference/Seminar/Workshops/Organised since 2014	International	-	-	-
	National	02	-	01
Students cleared UGC/CSIR/NET/KSET/GATE/ Etc. (Year wise)	-	-	-	-
NET	02	-	-	-
KSET	02	03	01	-
JRF	-	-	01	-
Placement percentage (average) (Year wise)	100%	100%	100%	100%
Co-curricular/Co-scholastic/ Extra-curricular activities/Fest/Meets etc.	-	-	-	-
Activities of Alumni Association	-	-	-	-
Syllabus last revised	01	-	02	-
Any other information:- (since 2014)				
No. of MOU signed	International: -		National: -	
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	-			
UGC SAP/FIST/Innovative/ etc.	-			

Observations:

- Offers 2 years Masters Programmes and PhD. Among students 02 qualified NET, 6 KSLET and 01 JRF. Placement is excellent with more than 97%. 03 national conferences are conducted. Faculty sanctioned Professor 01, Associate Professor 01 and Assistant Professor 04. Presently working Professor 01. Guest Faculty 02 (NET qualified) PhD awarded 11.
- Difficulties existing in terms of space and staff.

5.2.11. Department of Marine Geology and Geo-Informatics

Name of the Department		Marine Geology		
Year of establishment		1977		
Programmes offered		M.Sc. in Marine Geology, PhD M Sc. in Geo-informatics, PhD		
Chairperson	Marine Geology	Prof. H. Gangadhara Bhat		
Co-ordinator	Geo-informatics	Prof. H. Gangadhara Bhat		
Sanctioned intake for M. Sc.	Marine Geology	General	12	
		Partially Self-financing	10	
	Geo-informatics	General	16	
		Partially Self-financing	16	
Sanctioned faculty positions		Assistant Professor: 05	Associate Professor: 03	Professor: 01
Present faculty positions		Assistant Professor: 03	Associate Professor	Professor: 04
	Direct Recruitment	03	-	-
	CAS	-	-	04
Guest Lecturers		02		
Adjunct Professor		02		
Supporting Staff		02		
No. of students currently on rolls	Marine Geology	PG 1 st year	International: -	
			National: 10	
		PG 2 nd year	International: -	
	National: 10			
	PhD	International: 01		
		National: 04		
	Geo-informatics	PG 1 st year	International: -	
			National: 06	
		PG 2 nd year	International: 01	
National: 01				
PhD		International: 02		
	National: 02			
Annual grants (2016-17)		Equipments: Rs.4,00,000		
		Consumables: Rs.50,000		
		Library: Rs.90,000		

Major research projects (since 2014)	Completed	Ongoing		
	02	04		
Grant received for projects (since 2014) (in lakhs)	Completed	Ongoing		
	38.51	168.53		
Academic output of the department (since 2014)	Publications	International: 23		
		National: 51		
	Books	International Publishers: 0		
		National Publishers: 13		
Conference/Seminar/Workshops Attended by faculty	International: 08			
	National: 83			
M.Phil/PhD awarded (2014-2017)	8 (PhD)			
PhD in Progress	Full time: 18		Part time: 18	
Impact factor of publications	No. of Citations: 800			
	Range: 0 - 4.0			
	Average: about 1.25			
	h-index: 10			
	i-10 index (range): -			
	SCOPUS: -			
	2014	2015	2016	2017
Awards/Fellowship/Membership of academic bodies	05	05	05	05
Consultancy Services	-	-	1	1
Conference/Seminar/Workshops/Organised since 2014	International	-	-	-
	National	5	-	1
Students cleared UGC/CSIR/NET/KSET/GATE/ Etc. (Year wise)	1	2	2	2
Placement percentage (average) (Year wise)	80	80	80	80
Co-curricular/Co-scholastic/ Extra-curricular activities/Fest/Meets etc.	7	7	7	7
Activities of Alumni Association	-	-	-	-
Syllabus last revised	2016			
Any other information:- (since 2014)				
No. of MOU signed	International: -		National: -	
No. of patents Applied/Granted	-			
Technology transfer	All the staff members of the department have been involved in training the engineering and science post graduate students in the field of RS, GIS, water recourses and coastal zone management			
Extension Activities:	The entire staff members have been involved. (GIAN, Earth Day, Special lectures)			
UGC SAP/FIST/Innovative/ etc.	Getting funds from UGC/SAP/FIST etc			

Observations:

- Offers M.Sc. in Marine Geology and Geo-informatics and PhD.
- Faculty strength sanctioned 09, Professor 01, Assistant Professor 03, Associate Professor 05, presently working Professor 04, Assistant Professor 03.
- Funds have been obtained from ISRO, DST FIST (Phase I & II), UGC Innovative programme UGC-SAP programme. Research Projects-Ongoing – 05, ‘Best Teacher’ awards from Mangalore University 02. Good number of students gone to various research laboratories within and outside the country, 2 training programmes conducted at present, 02 foreign students for M.Sc. 08 for PhD programmes.

Constraints

- Shortage of space, licensed software.

5.2.12. Department of Materials Science

Name of the Department		Materials Science			
Year of establishment		1988			
Programmes offered		M.Sc. in Materials Science, PhD			
Chairperson		Prof. Manjunatha Pattabi			
Sanctioned intake for M. Sc.	General	16+10			
	Partially Self-financing	10			
Sanctioned faculty positions		Assistant Professor: 05	Associate Professor: 01	Professor: 01	
Present faculty positions		Assistant Professor	Associate Professor	Professor	
	Direct Recruitment	02	-	01	
	CAS	-	-	-	
	DST Inspire Faculty	01	-	-	
	UGC-Faculty Recharge Programme	01	-	-	
Guest Lecturers		01			
Adjunct Professor		04			
Supporting Staff		03			
No. of students currently on rolls	PG 1 st year	International: 0			
		National: 08			
	PG 2 nd year	International: 0			
		National: 03			
	PhD	International: 01			
		National: 03			
Annual grants (2016-17)		Equipments: Rs.1,50,000			
		Consumables: Rs.2,00,000			
		Library: Rs.90,000			
Major research projects (since 2014)		Completed	Ongoing		
		01	02		
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing		
		11.94	540.80		
Academic output of the department (since 2014)		Publications	International: 27		
			National: 02		
		Books	International Publishers: -		
			National Publishers: -		
		Conference/Seminar/Workshops Attended by faculty		International: 08	
				National: 28	

M.Phil/PhD awarded (2014-2017)	07 (PhD)			
PhD in Progress	Full time: 07		Part time: 05	
Impact factor of publications	No. of Citations: -			
	Range: 6.391			
	Average: 1.959			
	h-index: 18 (highest)			
	i-10 index (range): 34 (highest)			
	SCOPUS: -			
	2014	2015	2016	2017
Awards/Fellowship/Membership of academic bodies	-	-	-	01
Consultancy Services	-	-	-	-
Conference/Seminar/Workshops/Organised since 2014	International	-	-	-
	National	-	-	-
Students cleared UGC/CSIR/NET/KSET/GATE/ Etc. (Year wise)	-	01	03	-
Placement percentage (average) (Year wise)	77%	85%	82%	80%
Co-curricular/Co-scholastic/ Extra-curricular activities/Fest/Meets etc.	01	01	01	01
Activities of Alumni Association	Annual Meeting	Annual Meeting	Annual Meeting	Annual Meeting
Syllabus last revised	2016			
Any other information:- (since 2014)				
No. of MOU signed	International: -		National: -	
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	-			
UGC SAP/FIST/Innovative/ etc.	-			

Materials Science is a relatively new branch of study that involves both physical and chemical aspects of materials. The study of structure and properties of materials helps to understand how the materials can be used in general or technological applications. This department offers both M.Sc. and PhD programmes in Materials Science. The special focus of the department is to prepare and characterise the materials such as thin films, shape memory alloys, nano articles, polymers, solar devices etc.

Observations:

- Full-fledged laboratories have been developed for post graduate students the carry out experiments.
- Research equipments have been procured for carrying out advance research is different areas of Materials Science.
- The total intake of M.Sc. students is 19.
- The sanctioned teaching positions in department are 07 (01 Professor, 01 Associate Professor and 05 Assistant Professors). However only 01 professor and 02 Assistant professors are on rolls. In addition to the regular faculty, one DST Inspire faculty and 03 additional guest lecturers are sharing the teaching workload.
- Faculty published 21 research papers in refereed international journals and attended 08 conferences during the assessment period.
- Most of the alumni who have achieved academic excellence are placed in important organisations in the country.

Recommendations:

- Department should strive to get more number of students for M.Sc. and PhD programmes.
- The students should be trained in laboratories of national repute such as IISc-Bangalore and IITs to get more training in materials preparation and characterization.

5.2.13. Department of Mathematics

Name of the Department		Mathematics			
Year of establishment		1968			
Programmes offered		M. Sc. in Mathematics			
Chairperson		Dr. Kishori P Narayankar			
Sanctioned intake for M. Sc.	General	30			
	Partially Self-financing	25			
Sanctioned faculty positions		Assistant Professor: 05	Associate Professor: 01	Professor: 01	
Present faculty positions		Assistant Professor	Associate Professor	Professor	
	Direct Recruitment	03	-	-	
	CAS	-	-	-	
Guest Lecturers		-			
Adjunct Professor		01			
Supporting Staff		02			
No. of students currently on rolls	PG 1 st year	International:01			
		National: 54			
	PG 2 nd year	International: -			
		National: 56			
	PhD	International: 02			
		National: 09			
Annual grants (2016-17)		Equipments: Rs.9,389			
		Consumables: -			
		Library: Rs.4,34,379			
Major research projects (since 2014)		Completed	Ongoing		
		02	-		
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing		
		3. 25	-		
Academic output of the department (since 2014)		Publications	International: 20		
			National: 01		
		Books/Chapters in Books	International Publishers: 02		
			National Publishers: -		
		Conference/Seminar/ Workshops Attended by faculty		International: 04	
				National: 15	
M.Phil/PhD awarded (2014-2017)		2 (PhD)			
Ph. D in Progress		Full time: 05		Part time: 04	

Impact factor of publications	No. of Citations: 100			
	Range: -			
	Average: -			
	h-index: 07			
	i-10 index (range): 02			
	SCOPUS: -			
	2014	2015	2016	2017
Awards/Fellowship/Membership of academic bodies	National Congress Science Academy 05	-	-	-
Consultancy Services	-	-	-	-
Conference/Seminar/ Workshops/Organised since 2014	International	-	-	-
	National	-	01 Conference	01-work shop, 01-one day special lecture series
Students cleared UGC/CSIR/NET/ KSET/GATE/ Etc. (Year wise)	03	-	01	04
Placement percentage (average) (Year wise)	100%	100%	100%	100%
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.	-	-	-	-
Activities of Alumni Association	-	-	04 Lectures	04 Lectures
Syllabus last revised	2016-17			
Any other information:- (since 2014)				
No. of MOU signed	International: -		National: -	
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	-			
UGC SAP/FIST/Innovative/ etc.	-			

This department was started in 1968 and offers M.Sc and PhD programmes in Mathematics. Faculty of this department are engaged in research work with 11 PhD students, among whom 2 are international students. The M.Sc student intake of this department is 55.

Observations:

- The total sanctioned faculty strength of this Department is 07 (01 Professor, 01 Associate Professor and 05 Assistant Professors). At present 03 regular Assistant Professors and 01 Guest Lecturer are working.

- Student placements are very good. However, more students should be encouraged to clear UGC-CSIR NET and GATE examinations.
- Department has successfully conducted 01 National Conference on Graph Theory and Applications during the assessment period.

Recommendations:

- More teaching faculty should be recruited.
- More number of conferences and seminars have to be organized.

5.2.14. Department of Physics

Name of the Department		Physics			
Year of establishment		1980			
Programmes offered		M.Sc. in Physics, PhD in Physics			
Chairman		Prof. Gopalakrishna Naik K (i/c)			
Sanctioned intake for M. Sc.	General	32 + 10 Extra seats for NCC, NSS etc.			
	Partially Self-financing	30			
Sanctioned faculty positions		Assistant Professor: 05	Associate Professor: 04	Professor: 03	
Present faculty positions		Assistant Professor	Associate Professor	Professor	
		Direct Recruitment	-	01	
		CAS	-	08	
Guest Lecturers					
2014-15		05			
2015-16		06			
2016-17		06			
Adjunct Professor		07			
Supporting Staff		04			
No. of students currently on rolls (PG) (All National students)		PG 1 st year	International: 01		
			National: 66		
		PG 2 nd year	International: -		
			National: 63		
		PhD	International: -		
			National: 29		
Annual grants (2016-17)		Equipments: Rs. 5,00,000			
		Consumables: Rs. 20,000			
		Library: Rs.40,000 + 36,000 (SC/ST)			
Major research projects (since 2014)		Completed	Ongoing		
		13	07		
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing		
		120.02	262.7		
Academic output of the department (since 2014)		Publications	International: 299		
			National: -		
		Books	International Publishers: 06		
			National Publishers: -		
		Conference/Seminar/ Workshops Attended by faculty		International: 71	
				National: 114	

M.Phil/PhD awarded (2014-2017)	37 (PhD)			
PhD in Progress	Full time: 49		Part time: 21	
Impact factor of publications	No. of Citations: 4320			
	Range: 0.2 to 5.04			
	Average: 2.5			
	h-index: in the range of 8 to 23			
	i-10 index (range): in the range 7 to 44			
	SCOPUS: -			
	2014	2015	2016	2017
Awards/Fellowship/Membership of academic bodies	02	01	01	-
Consultancy Services	-	-	-	-
Conference/Seminar/Workshops/Organised since 2014	International	-	-	01
	National	-	01	01
Students cleared UGC/CSIR/NET/KSET/GATE/ Etc. (Year wise)	04	01	05	05
Placement percentage (average) (Year wise)	80-90	80-90	80-90	80-90
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.	Physica Fest of the department and interdepartmental co-curricular activities			
Activities of Alumni Association	Alumni association has been formed in 2017 and activities has been started			
Syllabus last revised	2016			
Any other information:- (since 2014)				
No. of MOU signed	International: -		National: -	
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	-			
UGC SAP/FIST/Innovative/ etc.	UGC SAP supported –from-2012-2017 Grant Received :Rs.71 lakhs FIST supported-from 2011-2016 Grant Received :Rs.77.43 lakhs			

The Department of Physics is offering M.Sc. program with Electronics, Condensed Matter Physics and Nuclear Physics as specializations. In addition to M.Sc. programme, Department also offers PhD programme. The Department has been fully equipped with basic infrastructural facilities for academic and research programmes. It is now running two years M.Sc. programme with an intake of 72 students.

Observations:

- The Department is funded by DST-FIST and UGC-SAP.
- The sanctioned faculty positions are 12 (03 Professors, 04 Associate Professor and 05 Assistant Professors). At present, department has 9 Regular Faculty members and 07 Guest faculty.
- Many of the students of this department have passed the UGC-NET, GATE, SLET and other competitive exams and are working in national and international institutions.
- The faculty members are engaged in research programs in the thrust areas like Nuclear, Particle, Radiation Physics, NLO materials, Positron Annihilation Studies in materials, Polymer Electrolytes, Crystal Growth & Characterization, Atmospheric Science, Amorphous Solids and Thin Films, natural and synthetic fibers and nano composites.
- The Department has the necessary infrastructure facilities needed for the R & D work. MICROTRON has been set up in the Department with the support of DAE. This Centre is recognized as a Centre for Excellence by DAE and as a National Facility by DST.
- The teachers have undertaken various research projects funded by agencies like UGC, DST, BRNS, DRDO, TWAS and CSIR. The faculty of the Department have collaborative research programs with National Research Centers such as BARC (Mumbai), IGCAR (Kalpakkam), RRCAT (Indore), NSC (New Delhi), IIT-M (Chennai), IISc (Bangalore) and also with other Universities of the country.
- In this assessment period, the faculty members of the department have published 229 research papers in the journals of repute and have attended many national and international symposia/conferences/seminars in India and abroad and have presented research papers.
- Many of the faculty members have been awarded national and international fellowships, like BOYSCAST, Commonwealth, Sir C.V. Raman and Wighton- Titular Fellowship.
- More laboratory and teaching spaces are the need of the department.
- Department is advised to go for the next phase of SAP and FIST.

5.2.15. Department of Statistics

Name of the Department		Statistics			
Year of establishment		1980			
Programmes offered		M.Sc. in Statistics, PhD in Statistics			
Chairperson		Prof. Ismail B.			
Sanctioned intake for M. Sc.	General	22			
	Partially Self-financing	12			
Sanctioned faculty positions		Assistant Professor: 03	Associate Professor: 01	Professor: 01	
Present faculty positions		Assistant Professor	Associate Professor	Professor	
	Direct Recruitment	-	-	-	
	CAS	-	-	03	
Guest Lecturers		04			
Adjunct Professor		01			
Supporting Staff		02			
No. of students currently on rolls	PG 1 st year	International: -01			
		National: 21			
	PG 2 nd year	International: -			
		National: 22			
	PhD	International: 02			
		National: 11			
Annual grants (2016-17)		Equipments: Rs.6,00,000			
		Consumables: Rs.10,000			
		Library: Rs.90,000			
Major research projects (since 2014)		Completed	Ongoing		
		-	-		
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing		
		-	-		
Academic output of the department (since 2014)		Publications	International: 08		
			National: 07		
		Books	International Publishers: -		
			National Publishers: -		
		Conference/Seminar/ Workshops Attended by faculty		International: 08	
				National: 19	
M.Phil/PhD awarded (2014-2017)		07			

PhD in Progress	Full time: 06	Part time: 07			
Impact factor of publications	No. of Citations: 617				
	Range: -				
	Average: 205				
	h-index:07				
	i-10 index (range): 2-10				
	SCOPUS: -				
	2014	2015	2016	2017	
Awards/Fellowship/Membership of academic bodies	-	-	-	-	
Consultancy Services	-	-	-	-	
Conference/Seminar/Workshops/Organised since 2014	International	2	-	5	-
	National	03	12	09	08
Students cleared UGC/CSIR/NET/KSET/GATE/ Etc. (Year wise)	01	01	01	02	
Placement percentage (average) (Year wise)	60	60	60	60	
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.	01	01	01	10	
Activities of Alumni Association	-	-	01	01	
Syllabus last revised	2016-17				
Any other information:- (since 2014)					
No. of MOU signed	International: -		National: -		
No. of patents Applied/Granted	-				
Technology transfer	-				
Extension Activities:	01 Socio Economic Survey on Adopted Village				
UGC SAP/FIST/Innovative/ etc.	-				

This department was started in 1980 and offers M.Sc. and PhD programmes in Statistics. Faculty of this department are engaged in research work in the areas of Finance, Econometric, Financial Time Series and Operational research. The student intake of this department is 34.

Observations:

- The total faculty strength of this Department is 05 (01 Professor, 01 Associate Professor and 03 Assistant Professors). At present 01 Regular Professor and 05 Guest Lecturers are working.

- Some of the faculty members received Commonwealth and Post graduate fellowships to carry out research in U.K. and Canada.
- Department received grants from UGC under various schemes.
- One computer laboratory is established.
- Students placements are satisfactory However, students should be encouraged to clear UGC-CSIR NET and GATE examinations.
- Department has successfully conducted GIAN programme.

Recommendations:

- More teaching staff should be recruited.
- Conferences and seminars be conducted.
- Consultancy services to be improved.

5.3. FACULTY OF COMMERCE

5.3.1. Department of Business Administration

Name of the Department		Business Administration			
Year of establishment		1981			
Programmes offered		Master of Business Administration, PhD in Business Administration			
Chairperson		Prof. Mustiary Begum			
Sanctioned Intake for MBA	General	60			
	Partially Self financing	-			
Sanctioned faculty positions		Assistant Professor: 05	Associate Professor: 02	Professor:01	
Present faculty positions		Assistant Professor	Associate Professor	Professor	
	Direct Recruitment	01	0	0	
	CAS	0	01	03	
Guest Lecturers		02			
Adjunct Professor		-			
Supporting staff		03			
No. of students currently on rolls		PG 1 st year	International: 15		
			National: 58		
		PG 2 nd year	International: 04		
			National: 57		
		PhD	International: 12		
			National: 28		
Annual grants (2016-17)		Equipment: Rs.1,00,000			
		Consumables: Nil			
		Library: Rs.80,000			
Major research projects (since 2014)		Completed	Ongoing		
		01	-		
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing		
		05.00	-		
Academic output of the department (since 2014)		Publications	International:51		
			National: 22		
		Books	International Publishers:-01		
			National Publishers: 01		
		Conferences/Seminar/ Workshops Attended by faculty		International: 85	
				National: 91	

M.Phil/PhD awarded (2014-2017)	15			
PhD in Progress	Full time:13		Part time:21	
Impact factor of publications	No. of Citations: -			
	Range: -			
	Average: -			
	h-index: -			
	i-10 index (range): -			
	SCOPUS: -			
	2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies	03	01	-	-
Consultancy Services	-	-	-	-
Conference/Seminar/ Workshops Organised Since 2014	International	-	-	-
	National	-	02	04
Student cleared UGC/CSIR/NET/ KSET/GATE/Etc.(Year wise)	-	-	-	-
Placement percentage (average) (Year wise)	30	19	17	26
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.	01	01	01	01
Activities of Alumni Association	01	01	01	01
Syllabus last revised	2016			
Any other information:- (Since 2014)				
No. of MOU signed	International: -		National: -	
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	Blood Donation, Swachatha Abhiyan, Survey- Village adoption			
UGC SAP/FIST/Innovative/etc.	-			

5.3.2. Department of Business Administration-Tourism and Travel Management

Name of the Department		Business Administration			
Year of establishment		2001			
Programmes offered		MBA- Tourism and Travel Management PhD in Tourism and Travel Management			
Co-ordinator		Dr. Joseph P. D.			
Sanctioned Intake for MBA (TTM)	General	26			
	Partially Self financing	14			
	Other Extra Seat	10			
Sanctioned faculty positions		Assistant Professor: 02	Associate Professor: 0	Professor: 0	
Present faculty positions		Assistant Professor	Associate Professor	Professor	
	Direct Recruitment	02	-	-	
	CAS	-	-	-	
Guest Lecturers		02			
Adjunct Professor		-			
Supporting staff		02			
No. of students currently on rolls	PG 1 st year	International: -			
		National: 16			
	PG 2 nd year	International: -			
		National: 19			
	PhD	International: -			
		National: -			
Annual grants (2016-17)		Equipment: Rs.-			
		Consumables: Rs.-			
		Library: Rs.40,000			
Major research projects (since 2014)		Completed	Ongoing		
		-	-		
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing		
		-	-		
Academic output of the department (since 2014)		Publications	International: 06		
			National: 01		
		Books	International Publishers: -		
			National Publishers: -		
		Conferences/Seminar/ Workshops Attended by faculty		International:06	
				National:20	
M.Phil/PhD awarded (2014-2017)		-			

PhD in Progress		Full time: -		Part time: -	
Impact factor of publications		No. of Citations: -			
		Range: -			
		Average: -			
		h-index: -			
		i-10 index (range): -			
		SCOPUS: -			
		2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies		-	-	-	-
Consultancy Services		-	-	-	-
Conference/Seminar/ Workshops Organised Since 2014	International	-	-	-	-
	National	-	02	-	-
Student cleared UGC/CSIR/NET/ KSET/GATE/Etc.(Year wise)		NET- 01	-	KSET-02	KSET+ NET-01
Placement percentage (average) (Year wise)		88%	82%	91%	79%
Co-curricular/Co-scholastic/ Extra-curricular activities/Fest/Meets etc.		World Tourism Day on 27 th September			
Activities of Alumni Association		-	-	-	-
Syllabus last revised		2016			
Any other information:- (Since 2014)					
No. of MOU signed		International: -		National: -	
No. of patents Applied/Granted		-			
Technology transfer		-			
Extension Activities:		-			
UGC SAP/FIST/Innovative/etc.		-			

Business Administration and Business Administration - Tourism and Travel Management

Observations:

- The Department is offering two courses, MBA and MBA (Tourism and Travel Management).
- The Department offers specialization in Finance, Marketing and Human Resource Management.
- Good computer laboratory facilities.

- The faculty members are academically active and making the programme effective and relevant from the view point of employability.
- Provisions for internship and project work have enabled the students to have good exposure.
- Placement of students is very good indicating the commitment of the faculty.
- Have Adjunct Professors
- Good interaction between students, alumni & industrialists.
- The department is maintaining independent library to serve the academic interest of the students, faculty members and researchers.
- The faculty members are actively involved in teaching & research activities and having good number of publications.
- The faculty members have fellowships, membership from reputed institutions.
- Organises conferences/seminars & workshops every year.
- Organises various skill & development activities through Management Association.

Recommendations:

- Can have Memorandum of understanding with Industries for the benefit of students.
- Department can utilize its alumni as brand ambassadors. The alumni association is dynamic and contributing to educational and extension activities of the Institute.
- Faculty should take up more projects from funding agencies like, UGC, MHRD & different companies
- Department should establish linkage with foreign universities/institutions to strengthen teaching, learning & research.
- Department should organise lectures from industry experts to expose the students to the challenges of domestic & international industry & economy.
- Department should have more software & data bases.
- MBA (TTM), strength of students should be increased by motivating graduates from different places & institutions.
- MBA (TTM) faculty & students should develop tourism corridors to attract the tourists from international destinations.

5.3.3. Department of Commerce

Name of the Department		Commerce		
Year of establishment		1980		
Programmes offered		Master of Commerce (M.Com) PhD Master of Human Resource Development (M.Com(HRD))		
Chairperson	M.Com	Prof. Ishwara P.		
Co-ordinator	M.Com (HRD)	Prof. Ishwara P.		
Sanctioned Intake for M.Com	General	78		
	Partially Self-financing	51		
Sanctioned Intake for M.Com (HRD)	General	26		
	Partially Self- financing	14		
Sanctioned faculty positions		Assistant Professor: 05	Associate Professor: 02	Professor: 02
Present faculty positions		Assistant Professor	Associate Professor	Professor
	Direct Recruitment	04	01	01
	CAS	-	01	02
Guest Lecturers		10		
Adjunct Professor		-		
Supporting staff		05		
No. of students currently on rolls	M.Com	PG 1 st year	International: 01	
			National: 124	
		PG 2 nd year	International:01	
			National: 124	
		PhD	International:17	
			National:85	
	M.Com(HRD)	PG 1 st year	International: -	
			National: 29	
		PG 2 nd year	International: -	
			National: 15	
PhD		International: -		
		National: -		
Annual grants (2016-17)		Equipment: Rs.30,000		
		Consumables: Rs. -		
		Library: Rs.80,000		

Major research projects (since 2014)	Completed			Ongoing
	01			01
Grant received for projects (since 2014) (in lakhs)	Completed			Ongoing
	03			07
Academic output of the department (since 2014)	Publications	International: 58		
		National: 10		
	Books	International Publishers: 03		
		National Publishers: -		
	Conferences/Seminar/Workshops Attended by faculty	International: 52		
National: 55				
M.Phil/PhD awarded (2014-2017)	10			
PhD in Progress	Full time:29		Part time: 73	
Impact factor of publications	No. of Citations: -			
	Range: 1-7			
	Average: -			
	h-index: -			
	i-10 index (range): -			
	SCOPUS: -			
	2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies	-	-	-	-
Consultancy Services	-	-	-	-
Conference/Seminar/Workshops Organised Since 2014	International	-	-	-
	National	-	02	01
Student cleared UGC/CSIR/NET/KSET/GATE/Etc.(Year wise)	-	-	02	02
Placement percentage (average) (Year wise)	80%	80%	70%	60%
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.	02	02	02	02
Activities of Alumni Association	01	01	01	01
Syllabus last revised	2016			
Any other information:- (Since 2014)				
No. of MOU signed	International: -		National: -	
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	Blood Donation PAN Card Mela E-Filing Return			
UGC SAP/FIST/Innovative/etc.	-			

Observations:

- The department is having good strength of students (296)
- The department is having 91 research scholars including research scholars from other countries (17).
- The faculty members are actively involved in teaching & research activities and having good number of publications.
- Organised seminars/ conferences/workshops.
- Have various innovative teaching Learning methodology.
- Revision of syllabus every year.
- Encourage students for co-curricular & professional development activities.
- Having Commerce Alumni Association which actively involves in various developmental programmes of the department.
- The department is maintaining independent library to serve the academic interest of the students and researchers.
- The department offers different combinations of courses in M.Com which are scattered in different colleges affiliated to Mangalore University.

Recommendations:

- Faculty members are to be encouraged to undertake more number of research projects from UGC, ICSSR and other funding agencies.
- The Industry institutions interaction should be strengthened.
- Promote interdisciplinary research.
- More extension activities to be organised for the benefit of students & society.
- Must have a separate ladies rest room.

5.4. FACULTY OF EDUCATION

5.4.1. Department of Education

Name of the Department		Education (M.Ed)			
Year of establishment		7 th November, 2016			
Programmes offered		Master of Education			
Co-ordinator		Dr. Chidananda A. L.			
Sanctioned Intake for M.Ed	General	20 + 10			
	Partially Self-financing	20			
Sanctioned faculty positions		Assistant Professor: 0	Associate Professor: 0	Professor: 0	
Present faculty positions		Assistant Professor	Associate Professor	Professor	
	Direct Recruitment	-	-	-	
	CAS	-	-	-	
Guest Lecturers		03			
Adjunct Professor		01			
Supporting staff		02 (Co-ordinator-1, Adviser-1)			
No. of students currently on rolls	PG 1 st year	International:02(2017-18 Batch)			
		National:06 (2016-17 Batch) 05 (2017-18 Batch)			
	PG 2 nd year	International: -			
		National:04 (2016-17 Batch)			
	PhD	International: -			
		National: -			
Annual grants (2016-17)		Equipment: Rs.2,43,803			
		Consumables: -			
		Library: Rs.2,00,000			
Major research projects (since 2014)		Completed	Ongoing		
		-	-		
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing		
		-	-		
Academic output of the department (since 2014)	Publications	International: -			
		National: -			
	Books	International Publishers: -			
		National Publishers: -			
	Conferences/Seminar/ Workshops Attended by faculty		International: -		
			National: 03		

M.Phil/PhD awarded (2014-2017)	-			
PhD in Progress	Full time: -		Part time: -	
Impact factor of publications	No. of Citations: -			
	Range: -			
	Average: -			
	h-index: -			
	i-10 index (range): -			
	SCOPUS: -			
	2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies	-	-	-	-
Consultancy Services	-	-	-	-
Conference/Seminar/Workshops Organised Since 2014	International	-	-	-
	National	-	-	-
Student cleared UGC/CSIR/NET/KSET/GATE/Etc.(Year wise)	-	-	-	-
Placement percentage (average) (Year wise)	-	-	-	-
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.	-	-	-	-
Activities of Alumni Association	-	-	-	-
Syllabus last revised	Yes (BOS meeting dated 21/09/2017)			
Any other information:- (Since 2014)				
No. of MOU signed	International:		National:	
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	-			
UGC SAP/FIST/Innovative/etc.	-			

Observations:

- No permanent faculty and having qualified guest faculty.
- Newly started course in 2016.
- Having computer lab & ICT.
- No required number of students.
- Faculty participating in workshops/conferences/seminars.

Recommendation:

- Permanent vacant positions need to be created and filled.
- Faculty should involve in more publications and research.
- Student strength to be increased.
- Organise motivational programmes for B.Ed. students to pursue post-graduation & research.

5.4.2. Department of Physical Education

Name of the Department		Physical Education		
Year of establishment		1996		
Programmes offered		Master of Physical Education, PhD in Physical Education		
Chairperson		Dr. Gerald Santhosh D'Souza		
Sanctioned Intake for M.P.Ed	General	20+10		
	Partially Self-financing	10		
Sanctioned Intake For B.P.Ed	General	20+10		
	Partially self- financing	20		
Sanctioned faculty positions		Assistant Director: 04	Deputy Director: 0	Director: 01
Present faculty positions		Assistant Director:	Deputy Director:	Director:
	Direct Recruitment	3 (1 deputation from constituent college)	-	-
	CAS	-	01	01
Guest Lecturers		05		
Adjunct Professor		-		
Supporting Staff		02		
No. of students currently on rolls	M.P.Ed	PG 1 st year	International: -	
			National: 36	
		PG 2 nd year	International: -	
			National: 43	
	PhD	International: -		
		National: 27		
	B.P.Ed	PG 1 st year	International: -	
			National: 43	
PG 2 nd year		International: -		
		National: 42		
PhD	International: -			
	National: -			
Annual grants (2016-17)		Equipment: Rs.2,00,000		
		Consumables: Rs. -		
		Library: Rs.80,000		
Major research projects (since 2014)		Completed	Ongoing	
		-	-	

Grant received for projects (since 2014) (in lakhs)	Completed		Ongoing	
	-		-	
Academic output of the department (since 2014)	Publications	International: 08		
		National: 03		
	Books	International Publishers: -		
		National Publishers: -		
Conferences/Seminar/ Workshops Attended by faculty	International: -			
	National: 02			
M.Phil/PhD awarded (2014-2017)	04			
PhD in Progress	Full time: 02		Part time: 25	
Impact factor of publications	No. of Citations: -			
	Range: -			
	Average: -			
	h-index: -			
	i-10 index (range): -			
	SCOPUS: -			
	2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies	-	-	-	-
Consultancy Services	-	-	-	-
Conference/Seminar/Work shops Organised Since 2014	International	-	-	-
	National	-	-	-
Student cleared UGC/CSIR/NET/ KSET/GATE/Etc.(Year wise)	05	04	03	02
Placement percentage (average) (Year wise)	100%	100%	100%	100%
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.	Conducted throughout the year			
Activities of Alumni Association	-	-	-	-
Syllabus last revised	2016			
Any other information:- (Since 2014)				
No. of MOU signed	International: -		National: -	
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	-			
UGC SAP/FIST/Innovative/etc.	-			

Observations:

- The Department offers B.P. Ed and M.P.Ed courses. Director of Physical Education is involved in creating, maintaining sports facilities for the University; training and nurturing the sports personnel for the entire university.
- Faculty involve actively in building the capacities of students in sports.
- The department promotes research in physical education.
- The department encourages students to excel in Inter-university, State, National & International level sports events.
- The department has outdoor & indoor stadium.
- The department has a modern fitness centre with sports science facility funded by UGC.

Recommendations:

- Faculty must involve in research & research publications.
- Efforts must be made to have swimming pool.
- Modernisation of sports facility for track & field and outdoor games should be undertaken.
- Organise seminars & workshops to motivate and create awareness regarding innovations in sports & games and to preserve traditional and rural sports.
- Can have more MOU with National & international institutions to promote sports & games.

5.4.3. Directorate of Physical Education

Observations:

- This department strives to inculcate appropriate values and qualities required to develop sports persons and Physical Education professionals at various levels in the University. It is running Bachelor, Post Graduate and PhD programmes in Physical Education. Organised number of coaching camps and inter University tournaments. Established well equipped Gymnasium and well laid Shuttle Badminton in the indoor complex. This department intends to award sports talent scholarships to degree students of the Mangalore University.

Recommendations:

- Create opportunities to conduct research on various aspects of Physical Education and Sports.
- Conduct professionally/socially relevant P.G Programmes independently and also in collaborations with other departments like psychology, Yoga etc.

Central Facilities

6.0. CENTRAL FACILITIES

6.1. Centre for Application of Radioisotopes and Radiation Technology (CARRT)

Name of the Department	Centre for Application of Radioisotopes and Radiation Technology (CARRT)	
Year of establishment	2012	
Programmes offered	Central Research Facility	
Centre-in-Charge	Dr. H. M. Somashekarappa	
Sanctioned Intake	Not Applicable	
Sanctioned faculty positions	Not Applicable	
Present faculty positions	Not Applicable	
Supporting staff	03	
No. of students currently on rolls	Not Applicable	
	PhD	International: -
		National: 6
Annual grants (2016-17)	Equipment: Rs. -	
	Consumables: Rs. -	
	Library: Rs. -	
Major research projects (since 2014)	Completed	Ongoing
	01	01
Grant received for projects (since 2014) (in lakhs)	Completed	Ongoing
	386.02	81.70
Academic output of the department (since 2014)	Publications	International: 11
		National: 05
	Books	International Publishers: -
		National Publishers: -
	Conferences/Seminar/ Workshops Attended by faculty	International: -
National: -		
PhD awarded (2014-2017)	05	
PhD in Progress	Full time: 06	Part time: 02
Impact factor of publications	No. of Citations:	
	Range:0-3.1	
	Average:0.89	
	h-index: -	
	i-10 index (range):	
	SCOPUS: 08	

		2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies		-	-	-	-
Consultancy Services		-	-	-	-
Conference/Seminar/Workshops Organised Since 2014	International	-	-	-	-
	National	01	01	01	01
Student cleared UGC/CSIR/NET/KSET/GATE/Etc.(Year wise)		Not Applicable			
Placement percentage (average) (Year wise)					
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.					
Activities of Alumni Association		Not Applicable			
Syllabus last revised		Not Applicable			
Any other information:- (Since 2014)					
No. of MOU signed		International: 01		National: 02	
No. of patents Applied/Granted		-			
Technology transfer		Transfer of C-peptide and ELISA kits to Board of Research in Nuclear Sciences (BRNS) is in progress			
Extension Activities:		-			
UGC SAP/FIST/Innovative/etc.		-			

This facility was established at Mangalore University in association with Board for Research in Nuclear Sciences (BRNS) and the Board of Radiation and Isotope Technology (BRIT). This centre undertakes research and development and provides the awareness on application of radiation and radioisotopes in different fields of science and technology.

Observations:

- This Centre is an active centre for interdisciplinary research and no persons are appointed exclusively for this centre.
- Most of the faculty appointed for USIC have been drafted to work at this Centre.
- From this academic year 2018-19, the Centre has started M.Sc. in Medical Physics. At present 06 students are admitted.
- This Centre developed the technology for C-peptide and ELISA kits to the Board of Research in Nuclear Sciences (BRNS).

6.2. Microtron Centre

Microtron Centre was established in the year 1995 as a regional centre for electron accelerator attached to the Department of Studies in Physics as per the statute framed under section 35(f) of the KSU Act 1976. It is located in a separate building as the housing of the accelerator requires specially designed shielded room in order to avoid any increase in the background radiation level of the surroundings.

The Microtron Centre has accelerator room and associated separate equipment and control room along with a laboratory to characterise different samples. It also has a seminar hall with all facilities for research meetings / discussions.

One of the Professors of the Physics Department with experience and expertise in relevant area of Microtron accelerator is heading this facility.

This facility is made available for all researchers from sister universities of the region and national laboratories. The Board of Research in Nuclear Sciences (BRNS), DAE, Government of India has supported the users of the facility with research projects.

Observations:

- Microtron Centre has 05 sanctioned positions namely (a) Senior Physicist/Associate Professor (b) Radiation Physicist/Asst. Professor (c) Technical Assistant/Operator (d) Laboratory Technician and (e) Attender. However all the positions are kept vacant and one Professor of the Department of Physics is taking care of the centre alone at present.

Recommendations:

- Regular sanctioned positions have to be filled up.
- Required budget may be provided to the centre to organise workshops, seminars etc.

6.3. Centre for Advanced Research in Environmental Radioactivity (CARER)

The Centre for Advanced Research in Environmental Radioactivity (CARER) has been established by Mangalore University through the financial support from the Board of Research in Nuclear Sciences (BRNS), DAE, Govt. of India, and with scientific and technical support from the Bhabha Atomic Research Centre (BARC), Mumbai. The centre is engaged in frontline research on radioecology and environmental radioactivity in collaboration with BRNS, BARC, IGCAR (Kalpakkam) and NPCIL.

CARER is the first AERB-accredited laboratory in the University system in India, which can undertake testing for radioactivity and issue certification for packaged water, food, commodities, etc.

CARER is actively engaged in educating and creating awareness among the general public, college teachers and students about the radiation in the environment, the beneficial applications of radiation and radiation technology, and of the importance of nuclear power for the development of the country. In this direction, CARER is frequently organising public awareness programmes in association with different colleges and institutions.

Training programmes and workshops are organized periodically by CARER for students, research scholars, faculty, project staff of BRNS-funded research projects, and for participants from industries. The participants are trained in environmental sample collection, sample preparation, and low level detection using advanced facilities.

Observations:

- It is an excellent facility of national importance to conduct advanced research study in environmental radioactivity, radiation protection and radio economy.
- This centre extends its advanced facilities to researchers of other Universities.
- It focuses on generating trained human resource in the areas of low level radioactivity measurements and radiation protection.
- It has undertaken several training programmes and established collaboration with several national and international institutions and organisations.
- CARER has signed MOU for research collaboration with renowned institutions such as Lund University and National Institute of Radiological Sciences (NIRS), Japan.

Recommendations:

- This centre should extend collaborative research with conventional universities in India.
- It should organise special educational programmes and create awareness among the general public, college teachers and students about environmental radiation and beneficial applications of radiation to human kind.

6.4. Promotion of University Research and Scientific Excellence (PURSE)

Mangalore University received Rs. 9 crores from the DST for the development of research infrastructure. This Centre is managed by the Project Implementation Group consisting of academicians from all science disciplines and works directly under the leadership of the Vice Chancellor.

This Centre is being used as a Central facility and is equipped with various high end equipment such as X-ray diffractometer, liquid chromatography, Mass spectrophotometer, Amino acid analyser, Field emission scanning electron microscope etc.

Observations:

- The technical support manpower is engaged on contractual basis. No support was made available for construction of buildings and development of civil infrastructures.
- The PURSE lab organised National Workshop on Theory and Practice of Molecular Structure determination using X-ray Crystallography during March 3-5, 1916. The targeted group was research students and professionals from physical, chemical and biological sciences having interest studying the three dimensional structure of the molecules. During March 21-22, 2016 A National Seminar and Workshop on Functional Nanomaterials for Energy, Environment and Health was organised.

Recommendations:

- Organizing more training programmes on theoretical and practicals techniques available in PURSE Laboratory.
- More Workshops may be conducted by inviting experts and technicians from equipment suppliers to provide an in depth, vivid demonstration use and applications of DST-PURSE Laboratory facilities to students and faculty.

6.5. University Science Instrumentation Centre (USIC)

USIC is a central facility and houses sophisticated analytical instruments. Its main objective is to provide services to all researchers and students of Science departments in the University and its Constituent Colleges and PG Centres.

Observations:

- Two regular Professors and Eight Technicians are working in this centre.
- New M. Sc. course in Medical Physics has been started from academic year 2018-19.
- Prof. H. M. Somashekarappa in association with other science departments established a Central Research Facility “CARRT” Centre for Application of Radioisotopes and Radiation Technology in collaboration with BRNS and BRIT and functioning from 2010 - 11.
- Prof. N. Karunakara, faculty of USIC to start with, established a Central Research Facility – “CARER” centre for Advanced Research in Environmental Radioactivity in collaboration with BARC, BRNS, NPCIL and functioning from 2014 - 15.

Recommendations:

- The committee suggests that the PURSE may be merged with USIC, as the former doesn't need a formal organisational structure.
- Training programmes and workshops/seminars should be organised regularly for Laboratory staff and research scholars of the University in focused areas.
- The facilities of this centre should be extended to all research fraternity from nearby institutions at a very affordable cost.

6.6. Computer Centre

The computer centre was started under UGC Special assistance programme with main objective to provide computational services to various Academic/Administrative departments. It is structured in such a way to impart training programme on computer related areas and its applications to faculty, students, and researchers and administrative staff of the University.

Observations:

- This centre is equipped with two Cyber Labs with 110 computer systems all with internet connectivity. It is manned by a team of qualified professionals under the Supervisors of a Professor from Computer Science department. This Central facility is also maintaining Wi-Fi networking and campus wide surveillance systems and RF connectivity.

Recommendations:

- The centre should be upgraded from time to time to provide the best computational infrastructure in the University.

6.7. Health Centre

The Centre was established in 1980 to provide basic medical facilities to the students and staff of the University. Medical lab facilities have been created to provide routine pathology laboratory investigations to its beneficiaries. Separate Budgetary allocations are made for producing medicines to all sections of the people in the University.

Observations:

- A dental unit run by K. S. Hegde, Dental College has been setup at the Health Centre where basic dental treatment is provided to patients at nominal charge.
- Medical reimbursement facilities are provided to all permanent employees of the University.

Recommendations:

- The centre may be renamed as Wellness Centre.
- Organise Health Education programmes for all stake holders of the University.
- Can be upgraded for inpatient facility.
- Preliminary health check-up to all the students of the University at the beginning of the academic year and necessary treatments are advised.

6.8. Directorate of Distance Education

This University has launched Correspondence Education programmes as per National Education Policy in order to reach higher education to all sections of the society.

Observations:

- University through this directorate offers various UG and PG courses under Distance Education mode (BA, B.Com, MA, M.Com) and supplies study materials.
- It conducts contract classes at various study centres recognized by the University.

Recommendations:

- Establish networking of learners and knowledge practitioners by means of Information Communication Technology.
- Collaborate with national and international organization to promote excellence in non-formal education.
- Introduce new courses to suit the demands of emerging new professions in a fast changing society.

6.9. Internal Quality Assurance Cell (IQAC)

Observations:

- The Internal Quality Assurance Cell is quite a vibrant body with exclusive building space, well-furnished and equipped with computers and office gadgets.
- There is a Professor who is the Director in charge sparing his valuable time in the day to day functioning of IQAC.
- The IQAC is regular and rigorous in ensuring quality initiatives.
- Allocation of dedicated secretarial staff (five of them) is a commendable feature.
- It has all the potential to become a model IQAC in the near future.

Recommendations:

- One more middle level faculty can be assigned to assist the Director in charge, on a part time/in charge basis.
- The IQAC machinery may take pro-active steps to get the academic ambience improved.
- All quality initiatives of the faculty be appropriately incentivised. The IQAC may take a participatory role in the process.

6.10. College Development Council

The Committee is given to understand that the College Development Council is engaged in facilitating exercise where it has catered to the academic needs of the affiliated colleges. Its service extended to the colleges in general and teacher of all categories in particular is appreciable.

6.11. Prasaranga

Prasaranga was established in 1990 as a publication wing of Mangalore University. It was commissioned with the objective of imparting awareness and knowledge among the students, scholars and public at large.

Observations:

- Prasaranga has been conducting lectures by the experts within the jurisdiction of rural and urban areas of Dakshina Kannada, Udupi and Kodagu Districts, and bringing out lecturers in the form of books, under Mangala Extension Lecture Publication Series. This division has published text books for the degree students under the Mangala Text Books Series.

Recommendations:

- It can start monthly Journal, publishing research work of the University.

Library

7.0. LIBRARY

Library is kept open from 9 a.m. to 8 p.m. during working days and 10 a.m. to 5.30 p.m. during vacation, Sundays and Second Saturday. During these working hours library is facilitating the library users to borrow/return books, renewal of books, reprographic services, press clipping, reference services, UGC Infonet Online services, remote access, Wi-Fi facility etc.

Library provides access to 23 full text databases and 2 bibliographic databases and through these databases users can access 8500 + peer reviewed journals for academic and research purposes.

The University has signed Memorandum of Understanding (MOU) with INFLIBNET centre for Shodhganga a National repository set up for electronic version of theses and dissertations submitted by students and research scholars of Mangalore University. The University has digitized and uploaded all the theses and dissertations submitted to Mangalore University since 1980. Electronic Theses and Dissertations (ETD) Lab has established in 27th May 2016 for digitization of theses under Shodhganga project for Mangalore University. It involved digitization of **1087** theses & **130** dissertations. At present, the library has uploaded **1217** theses to Shodhganga and the same has been uploaded to the **Open source digital library software DSpace** available in the Mangalore University Library.

Complete automation of a library functioning can economise the present liability of manpower and cumbersome procedures.

Chairs and Endowments

8.0. CHAIRS AND ENDOWMENTS

From the presentations made by the Co-ordinators of various Endowment Chairs, it was gathered that more than 75% of them are suffering from lack of funds as well as inputs from the respective Advisory Councils in addition to inadequacy of research as well as staff. Therefore, the advisory councils have to be activated in order to take the Chairs and Endowments to action so as to fulfil their objectives. Further, the committee felt that in future before accepting grants and donations from various sources, the University will have to critically examine the feasibility of objectives set forth by the donors.

The committee also recommends that among the available chairs/endowments, any of those suffering from paucity funds or procedural hurdles to conduct programmes envisaged, need to be revisited.

There are 13 in numbers and include the following. Among them, the Yakshagana Study Centre is a unique facility in the field of the Yakshagana of the region. The Kodava Samskrithika Adhyayana Peetha has done a good job of Kodava-Kannada equivalent dictionary.

Chairs	Co-ordinator
1. Dharma Nidhi Yoga Peetha	: Prof. K. Krishna Sharma
2. Ayurveda Bhushana M.V Shastry Memorial Chairs in Ayurveda Sanskrit	: Dr. K. R. Chandrashekar
3. Vijaya Bank Chair on Ecology and Environment Studies	: Dr. Sreepada K. S.
4. Sri Dharmasthala Manjunatheshwara Tulu Peetha	: Dr. B.Shivarama Shetty
5. Chair in Rural Banking and Management	: Dr. Mustiary Begum
6. Sri. N.G. Pavanje Chair in Fine Arts	: Dr. K. Krishna Sharma
7. Kodava Samskrithika Adhyayana Peetha	: Dr. Meenakshi M. M
8. Sri Ambigara Chowdaiah Adhyayana Peetha	: Dr. Nagappa Gowda
9. Dr P Dayananda Pai and Sri P Sathish Pai Yakshagana Study Centre	: Dr. Dhananjaya Kumble

10. Jaina Kavi Ratnakaravarni adhyayana Peetha : Prof. Somanna
11. Brahmashri Narayana Guru Adhyayana Peetha : Sri Muddu Moodubelle
12. Diocesan Chair in Christianity : Dr. Gerald Santhosh D'Souza
13. Corporation Bank Chair in Bank Management : Prof. Arabi.U

Administrative Offices

9.0. ADMINISTRATIVE OFFICES

9.1. Registrar and the Administration

The Administrative Offices/Sections coming under the authority of Registrar include:

- Academic Section
- Administrative Section
- Establishment Section
- General Section
- Planning, Monitoring and Evaluation Board
- Syndicate Section
- SC/ST Cell
- Legal Cell

The above Administrative sections are mostly structured on the patterns of what is available in several State Universities.

The appointment of Registrar at present is made directly by the State Government. A due process of advertisement and Selection Committee be observed, with the respective Vice-Chancellor as the chairman of the Selection Committee. A panel of three names can be recommended to the State Government (or Syndicate) for final selection. This procedure is followed in most of the States. The physical facilities of Administrative Sections have been aesthetically designed. Every staff member is provided a cubical with a computer. Thanks to LAN every staff has access to files of other sections also. In case any sections/staff is deprived of access, it may be provided. This is a pre-condition for a transparent, effective E-Governance.

A culture of delegation of powers from one officer to another, with a written specified accountability may be nurtured among the Officers and Staff. This culture would eventually facilitate de-bureaucratization of the university machinery.

9.2. Registrar (Evaluation)

Salient features of Section:

Mangalore University examination section is continuously progressing by adapting the available latest technology and the best practices. Some of the major reforms are as follows.

- The Ledger Copy, Marks card having the students colour photograph are sent to the respective Colleges.
- To improve the productivity the university has provided a desktop to all the employees of the section.
- The university started a new “Tatkal Scheme” for issuing the Degree Certificate wherein a student is entitled to get the Degree Certificate within a day’s time.
- All the services are being provided by the section within the ‘SAKAALA’ time limit.
- improved security features in packing of question paper

Digital Initiatives

- Student data is directly imported from the Online Admission Data
- Exam Registration and the IA marks entry are being done online.
- Examination Admission Cards are issued directly to the colleges through online.
- For valuation the answer scripts of all the courses are coded.
- The coding of the answer book is done completely automatic by using printers which have the capability of printing codes directly on the answer scripts, hence reduces the mistakes that would happen in manual process.
- A Pre-printed OMR is generated for each of the bundle containing 15 answer booklets, where the valuers enter the marks after valuation.
- The OMR verifiers are appointed at each of the valuation centres to check the OMR entries.
- The entered OMRs are scanned and the decoding happens internally without any manual intervention then the marks are posted to the proper students automatically.
- Within a few days after completion of the valuation the results are processed and published Online.
- The university is providing the facility of online documents verification for verification of their marks card and degree certificates.

9.3. Finance Office

9.3.1. Financial Management

Some key Aspects:

The following information relating to amounts under audit objections (both minor and major), details of corpus amounts in banks, salary amount given to guest faculty, total academic expenditure and details of expenditure on student support programmes have been provided by the finance section.

There are over 120 pending objections relating to financial matters raised by Government Audit. During the last 3 years some 27 objections were settled.

Corpus amount added during last 4 years

Sl. No.	Name of the Peetas	Name of the Bank	Amount	Year of Establishment
1	2	3	4	5
1.	Mahakavi Ratnakara Varni Peeta	SBI Mangalagangothri	1,00,00,000.00	2014
2.	Brahmashree Narayana Guru Study Centre	Karnataka Bank Mysore	1,00,00,000.00	2015
3.	Konkani Study Centre	Axis Bank Thokkottu Syndicate Bank Derebail Syndicate Bank Derebail	1,00,00,000.00 75,00,000.00 25,00,000.00	2016
4.	Beary Study Peeta	Vijaya Bank, Konaje	30,75,000.00	2017
5.	Nehru Chinthana Kendra	Vijaya Bank, Konaje Union Bank of India, Deralakatte	2,00,00,000.00 1,00,00,000.00	2017
6.	Prof. B. Thimme Gowda Endowment Lecture	-	1,42,000.00	2013
7.	Silver jubilee commemorative Endowment Lecture	-	1,00,000.00	2013
8.	Prof. K.K. Vijayalakshmi Memorial Endowment Lecture	-	3,50,000.00	2018

Total academic expenditure, excluding salaries:

SL. NO	EXPENDITURE	April 2018 - Oct 2018	2017 -18	2016 -17	2015 - 16	2014 - 15	2013 - 14
1	Administrative Expenses	1588,79,699.32	2392,41,635.74	2437,76,920.57	1990,23,601.35	1340,81,557.07	1100,59,773.00
2	Examination Activities	719,21,583.50	1382,64,980.00	1327,52,594.94	968,15,067.00	890,10,582.00	768,01,846.00
3	Correspondence Course	59,22,760.00	135,52,507.20	73,90,806.00	51,54,482.00	41,21,773.36	40,48,635.74
4	Constituent Colleges	206,77,247.00	442,77,819.00	381,02,209.00	335,55,690.40	206,42,902.00	176,69,690.00
5	P.G. Departments	181,32,694.00	500,47,203.00	435,32,624.00	267,81,818.00	143,52,778.00	139,14,917.00
	TOTAL EXPENDITURE	275533983.82	485384144.94	465555154.51	361330658.75	262209592.43	222494861.74

Total research grants given to the scholars from University funds: (in Rupees)

Minor Research Project : 2016-17	-	20,43,445.00
2017-18	-	42,800.00
2018-19	-	86,009.00

Total funds spent on student support services from university funds: (in Rupees)

SL. NO	STUDENT SUPPORT EXPENSES	April 2018 - Oct 2018	2017 -18	2016 -17	2015 - 16	2014 - 15	2013 - 14
1	Laboratory Expenses	114,22,004.00	392,49,819.00	405,51,585.00	240,42,245.00	64,32,488.00	27,16,034.00
2	Sports	30,86,206.00	23,01,424.00	31,00,531.00	107,67,612.00	72,73,572.00	59,37,799.00
3	Book & Journals	73,33,993.00	124,73,368.00	106,75,136.00	128,26,072.00	152,72,059.00	127,99,942.00
4	Guest Lecturer	282,80,598.00	478,40,213.00	460,38,815.00	347,60,789.00	204,46,685.00	182,57,289.00
	TOTAL	50122801.00	101864824.00	100366067.00	82396718.00	49424804.00	39711064.00

***Post-Graduate Centre,
Chikka Aluvvara***

10.0. POST-GRADUATE CENTRE AT CHIKKA ALUVARA

Post-Graduate Centre of Mangalore University, is situated in Chikka Aluvara, Somwarpet Taluk, Kodagu, was established in the year 2014 at Chikka Aluvara. M Com and MSW courses were started with the admission of 30 and 12 students respectively. Two departments, Microbiology and biochemistry are well established with required infrastructure offering M Sc programmes. Besides the following courses are also being offered with the help of only guest faculty.

Courses Offered:

- MSW
- M Com
- M A Kannada
- M A History
- M A Political Science
- M Sc Botany

The campus has hostel facility for girls and boys, transportation facility (Two buses) for the faculties and students. The campus has also Wi-Fi connectivity and Library facility.

10.1. Department of Biochemistry

Name of the Department		Biochemistry		
Year of establishment		2003		
Programmes offered		M.Sc. in Biochemistry, PhD in Biochemistry		
Chairpersons (2014 to 2018)		Dr.K.S. Chandrashekharaiiah Prof. Manjula Shantaram		
Sanctioned Intake for Biochemistry	General	16		
	Partially Self financing	10		
Sanctioned faculty positions		Assistant Professor: 04	Associate Professor: 01	Professor: 01
Present faculty positions		Assistant Professor	Associate Professor	Professor
	Direct Recruitment	04	01	01
	CAS	-	-	-
Guest Lecturers		-		
Adjunct Professor		01		
Supporting staff		04		
No. of students currently on rolls	PG 1 st year in August 2018	International: -		
		National: 18		
	PG 2 nd year in August 2018	International: -		
		National: 12		
	PhD	International: 01		
		National: 29		
Annual grants (2016-17)		Equipment: Rs.4,00,000		
		Consumables: Rs.4,50,000		
		Library: Rs.1,00,000		
Major research projects (since 2014)		Completed	Ongoing	
		07	-	
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing	
		-	-	
Academic output of the department (since 2014)		Publications	International:70	
			National:10	
		Books	International Publishers: 01	
			National Publishers: -	
Conferences/ Seminar/Workshops Attended by faculty		International: -		
		National:50		
M.Phil/PhD awarded (2014-2017)		04		

PhD in Progress	Full time: 05	Part time: 04		
Impact factor of publications	No. of Citations: 500			
	Range: 10			
	Average: 20			
	h-index: 15			
	i-10 index (range): 20			
	SCOPUS: -			
	2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies	-	-	-	ICMR Post Doctoral Fellowship
Consultancy Services	-	-	-	-
Conference/Seminar/ Workshops Organised Since 2014	International	-	-	-
	National	01	-	-
Student cleared UGC/CSIR/NET/ KSET/GATE/Etc.(Year wise)	01	02	02	02
Placement percentage (average) (Year wise)	80%	85%	88%	83%
Co-curricular/Co-scholastic/ Extra-curricular activities/Fest/Meets etc.	-	-	-	-
Activities of Alumni Association	-	-	-	-
Syllabus last revised	2016			
Any other information:- (Since 2014)				
No. of MOU signed	International: -	National: -		
No. of patents Applied/Granted	-			
Technology transfer	-			
Extension Activities:	-			
UGC SAP/FIST/Innovative/etc.	-			

10.2. Department of Microbiology

Name of the Department		Microbiology			
Year of establishment		1997			
Programmes offered		M.Sc. in Microbiology, PhD in Microbiology			
Chairperson		Dr. K. C. Pushpalatha			
Sanctioned Intake for M.Sc	General	16 + Extra 10			
	Partially Self financing	10			
Sanctioned faculty positions		Assistant Professor: 0	Associate Professor: 0	Professor: 1	
Present faculty positions		Assistant Professor	Associate Professor	Professor	
	Direct Recruitment	03	01		
	CAS			01	
Guest Lecturers		01			
Adjunct Professor		-			
Supporting staff		02 + 2 temporary non teaching staff			
No. of students currently on rolls	PG 1 st year	International: -			
		National: 13			
	PG 2 nd year	International: -			
		National: 14			
	PhD	International: 03			
		National: 09			
Annual grants (2016-17)		Equipment: Rs.5,00,000			
		Consumables: Rs.4,00,000			
		Library: Rs.1,00,000			
Major research projects (since 2014)		Completed	Ongoing		
		03	01		
Grant received for projects (since 2014) (in lakhs)		Completed	Ongoing		
		1.65	46.71		
Academic output of the department (since 2014)		Publications	International: 31		
			National: 04		
		Books	International Publishers: 01		
			National Publishers: -		
		Conferences/Seminar/ Workshops Attended by faculty		International: -	
				National: 30	
M.Phil/PhD awarded (2014-2017)		01			

PhD in Progress		Full time: 11		Part time: 04	
Impact factor of publications		No. of Citations: -			
		Range: 03			
		Average: 05			
		h-index: -			
		i-10 index (range): -			
		SCOPUS: -			
		2014	2015	2016	2017
Awards/Fellowship/Membership in academic bodies		-	-	-	-
Consultancy Services		-	-	-	-
Conference/Seminar/ Workshops Organised Since 2014	International	-	-	-	-
	National	01	-	-	-
Student cleared UGC/CSIR/NET/ KSET/GATE/Etc.(Year wise)		-	-	-	-
Placement percentage (average) (Year wise)		60%	65%	55%	65%
Co-curricular/Co-scholastic/Extra-curricular activities/Fest/Meets etc.		-	-	-	-
Activities of Alumni Association		-	-	-	-
Syllabus last revised					
Any other information:- (Since 2014)					
No. of MOU signed		International: -		National: -	
No. of patents Applied/Granted		-			
Technology transfer		-			
Extension Activities:		-			
UGC SAP/FIST/Innovative/etc.		-			

Observations and Recommendations:

- The Post Graduate Centre at Chikka Aluvara, has programmes that need to be consolidated in coming years. One of the pressing problems of the Centre is transportation to faculty and students. This P.G. Centre also needs a Cafeteria as it is located 17 km. from Kushal Nagar. The Committee is of considered opinion that the University shall not open new P.G. programmes until and unless the existing ones are fully functional with adequate faculty and staff.

Study Centres

11.0. STUDY CENTRES

There are five study centres and 13 chairs. The five study centres include Dr. B. R. Ambedkar Study Centre, Centre for Social Exclusion and Inclusive Policy, Centre for Women's Studies, Nehru Chinthana Kendra and Kanakadasa Samshodhana Kendra.

Observations:

- The Ambedkar Study Centre has brought out some good publications and a major research project was completed from ICSSR funding. As of now the centre is in difficulty for want of timely release of funds by UGC. Another UGC sponsored centre for Social Exclusion and Inclusive Policy also is dormant for want of funds.
- Simultaneously, the centre for Women Studies which had some record of activities and research projects is not in a position to continue its pace. Centre for Nehru Studies sponsored by the State Government has taken off well with a systematic beginning. The Kanakadasa Samshodhana Kendra is one of the best run centres, regular in its activities. Research programmes are carried out without bench mark of funds.

Recommendations:

- As many of the study Centres are not regularly funded, as envisaged/ assured the funding agencies, the University should take a final call and decide on the continuance of these Study Centres.
- The University should be cautious in opting for any Study Centre and it should ensure the recurring support from the funding agencies in unequivocal terms.
- The recruitment of faculty and experts for the Study Centres should ensure that very eminent and highly accomplished scholars are selected, preferably on contract or post-retirement emeritus status.

Student Facilities

12.0. STUDENT FACILITIES

12.1. University Employment Information and Guidance Bureau

Nature of the Work:

Employment registration for those who have completed Post-Graduates and Professional Courses, Conducting Guidance programmes graduate students of various Colleges, arranging Campus Interviews for PG students.

Observations:

- The Bureau has turned out to be a white elephant. The record of training and placement are not quite impressive. There is little correspondence between the Bureau and current employment scenario.

Recommendations:

- Conduct career seminars to create awareness among the student on career opportunities and skill development.
- Eminent resource persons may be invited to train the students on techniques of facing various interviews and personality developments, collect and disseminate the information on job opportunities, education training opportunities, scholarships and fellowships on regular basis.

12.2. Directorate of Student Welfare

Observations:

- This centre was established to oversee all the welfare activities of students and to provide a forum for participation of all the students in various cultural and other academic activities. A separate International Student Centre has also been established to look after the welfare of foreign students.

Recommendations:

- Co-ordinate Student Council, Alumni activities more effectively.
- More number of annual campus cultural festivals should be organised.
- Hostel accommodation should be provided to foreign students on the campus.

12.3. Hostels

Observations:

- There are three men's hostels, three women's hostels (including one working women's hostel).

Recommendations:

- As the women students account for more than 80% of the total students and as such the capacity for women students is not able to cope up with growing demand (expected to increase in the coming years). Here is a felt need for a couple of more Women's Hostels.
- The facilities in the hostels include Wi-Fi connectivity, solar systems, CCTV surveillance, and GYM.
- The hostellers may also be given the facility of skill upgradation, soft skill development by arranging trained personnel.

Conclusion

13.0. CONCLUSION

13.1. Overall Recommendations

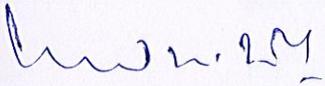
- The University departments be made academically autonomous, with freedom to frame syllabi/curricula of their own, and be treated differently from affiliated colleges. At present, the University departments are placed on par with affiliated colleges, with little scope and liberty for offering updated curricula in cutting-edge areas utilising the specialisations/expertise of university faculty. The examination system can be digitised and the results could be expeditiously announced in the University departments (This model has been working well in some of the States).
- Proliferation of new courses in a Department where the existing programmes suffer from faculty/facility inadequacy be avoided. Consolidation of ongoing programmes be given the top priority, before venturing into new programmes.
- There is a serious shortage of regular faculty at present, with more than 50 % being the guest faculty. The situation needs to be remedied at the earliest. A prior, the University has to take care of its teaching responsibility.
- The Government be apprised that transferring Government colleges to the University must accompany significant financial support for a period of five years.
- Appointment of Officers of the University be made without a long time lag. The fact that regular Finance Officer has not been appointed/deputed by the Government for more than 12 years now is not a healthy practice, to say the least.
- The mid-level Officers downwards be given professional training on IT applications, administrative practices and decision making processes.
- Periodical review of different administrative units by professional/financial/technical experts would help the system shed obsolete and redundant practices (For instance, the salary of staff in the University Library is around five times the expenditure incurred on acquisition of learning materials). **This great anomaly must be rectified.**
- Scope for economising expenditure and avenues of surplus generation should be explored on a continuous basis (Eg. Scope for surplus generation seems to be there in the Evaluation unit).
- The costly and sophisticated equipments available in the **five central facilities deserve to be fully utilised.** Efforts be made to disseminate the information to the prospective users.

- Progressive adoption of E-Governance and office automation be expedited. This should result in more transparent and efficient administration leading to better governance.
- The online feedback on curriculum and faculty performance (with high coverage of over 90%) is commendable. But the results of feedback must be logically followed up, including sharing the information with the stakeholders, sensitising them for corrective actions/strategies. Appropriate incentives for better performers among faculty/staff be considered.
- As the PG Centre is located fairly closer to the University (within 120 km), duplication of programmes be avoided. Resource sharing, including online use of library facilities be optimally planned.
- **Mindless proliferation of Centres/Chairs be avoided.** At present almost all the 15 Chairs are inactive and non-productive for some reason or the other. The University has to think aloud before establishing new Chairs.
- **The student support services be strengthened,** especially in the acquisition of soft skills, leadership qualities, communicative skills, career guidance and campus placements. Arrangements for deploying an exclusive officer for this portfolio could be considered.
- The Language Lab in English Department be expanded as a Central Facility and be utilised fully by students/faculty by providing adequate number of trainers.
- As the University is endowed with rich flora and fauna, a comprehensive Inventory of flora and fauna be prepared.
- A Green Audit of the University be systematically conducted every three to five years to sustain a lush green campus.
- The First Grade College (undergraduate college) located in the campus may be shifted to a different locality. Secondly, five-year integrated PG programmes can be introduced in certain disciplines.
- Some of Similar Central facilities could be merged to minimize operational/manpower costs (eg., PURSE and USIC can be merged).
- Employment Information and Guidance Bureau could be fully revamped as a skill centre to enrich and train the students in career skills.

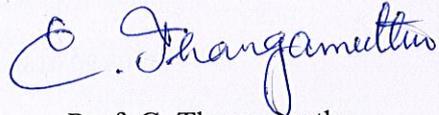
- Efforts towards establishing innovative incubation centres may be made.
- Inter-disciplinary programmes of teaching could be encouraged harmonising academic interaction of related disciplines.

Note:

Besides the above mentioned overall recommendations, specific recommendations for each Department have been given in respective places. These may also be taken into consideration.



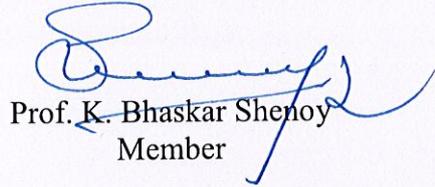
Prof. K. N. Reddy
Member (External)



Prof. C. Thangamuthu
Member (External)



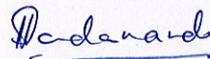
Prof. Bhoja Poojary
Member



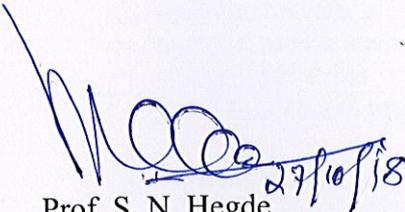
Prof. K. Bhaskar Shenoy
Member



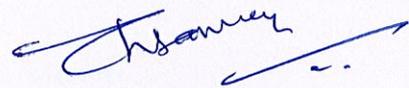
Prof. Jayaraj Amin
Member



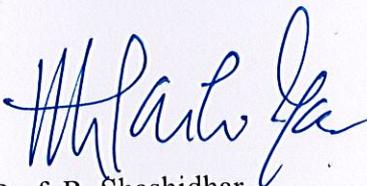
Prof. Monika Sadananda
Member



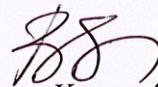
Prof. S. N. Hegde
Chairman (External)



Prof. K. R. Chandrashekar
Member Secretary



Prof. R. Shashidhar
Member



Prof. Kishore Kumar C. K.
Member

Annexure I - Notification

Phone: 0824 - 2287276

Fax: 0824 - 2287424

MANGALORE



UNIVERSITY

(Accredited by NAAC with 'A' Grade)

No.MU/DEV/20/2017-18/D5

Office of the Registrar
Mangalagangothri- 574199

Date: 18.09.2017,

NOTIFICATION

Sub: Constitution of Committee for preparing Academic &
Administrative Audit Report – reg.

Ref: The Vice-Chancellor's approval dated 16.09.2017.

The committee consisting of the following members is hereby constituted for preparing academic and administrative audit report of Mangalore University as per the UGC scheme of academic and administrative audit for Universities.

- 1) Prof. S.N. Hegde, - Chairman
Former Vice-Chancellor,
University of Mysore
"VIDWATH"
No.24371, Hi Tension Double road - Member
Near Canara Bank, Vijayanagar IInd Stage
Mysore – 570012
- 2) Prof. C. Thangamuthu, - Member
Former Vice-Chancellor,
Bharathidasan University
No.43, 6th Main Road
Laxminagar Extension
Porur Chennai – 600116
Tamilnadu.
- 3) Prof. k. Chidananda Gowda - Member
Former Vice-Chancellor
Kuvempu University
No.3004, 'Udaya Ravi'
5th Main, 12th Cross
Vani Vilasa Puram, Mysore – 570002
- 4) Prof. R. Shashidhar - Member
Department of English
Mangalore University
Mangalagangothri.

- 5) Prof. K. Bhaskar Shenay - Member
 Department of Applied Zoology
 Mangalore University
 Mangalagangothri.
- 6) Prof. Bhoja Poojary - Member
 Department of chemistry
 Mangalore University
 Mangalagangothri.
- 7) Dr. Monica Sadananda - Member
 Associate professor
 Department of Bioscience
 Mangalore University
 Mangalagangothri.
- 8) Prof. Jayaraj Amin - Member
 Department of Political Science
 Mangalore University
 Mangalagangothri.
- 9) Dr. Kishore Kumar C.K - Member
 Department of Physical Education
 Mangalore University
 Mangalagangothri.
- 10) Prof. K.R. Chandrashekar - Member Secretary
 Coordinator, IQAC
 Mangalore University

By order,

Sd/-

REGISTRAR.

To,

The above Concerned – along with the copy of scheme of Academic and Administrative Audit.

Copy to:

1. The Deputy Registrar, Registrar's Office, Mangalore University.
2. All Assistant Registrar, Registrar's Office, Mangalore University.
3. The Superintendents of all sections under Registrar' Office, Mangalore Universit
4. P.S. to Vice-Chancellor/P.A. to Registrar, Mangalore University.

Annexure II - UGC Guidelines

Scheme of Academic and Administrative Audit for Universities.

1.0.0 BACKGROUND

1.1.0

Universities are autonomous organizations, expected to function in a democratic way so as to foster innovative academic ideas and generate new knowledge and adapt to ever changing environment. They are therefore expected to adopt open and transparent approach in organizational management. However in practice the management of universities is not very conducive to promotion of academic excellence.

1.2.0

In a situation like this, academic excellence is neither nurtured nor preserved, but very often, academic norms are being violated and neglected. In order to maintain academic and administrative discipline, a system of academic and administrative audit will function as a monitoring and evaluation mechanism for academic programmes and administrative functioning of the university and will play an important role in the development of university. Even though there exists of financial audit in universities to maintain and monitor financial discipline to certain extent, no such mechanism exists in our universities for monitoring academic activities or administration. A scheme of Academic and Administrative Audit is therefore, required to be introduced in our universities.

2.0.0 THE SCHEME

2.1.0 OBJECTIVE

To monitor the implementation of academic norms prescribed by the university bodies, State/Central Government, University Grants Commission etc. and to prevent violation of academic norms in the universities, and also to see that the administrative effectiveness becomes conducive for academic development of universities.

2.2.0 THE PROCEDURE

A Committee consisting of 8-10 members of teaching staff and education administrators may be appointed by the Vice-Chancellor as Academic and Administrative Audit Committee. This Committee should be headed by eminent Professor or by a Senior Professor who is not holding any administrative post. Educational Administrators be drawn from other institutions or reputed retired person. One or two elected teachers representatives may be included in a committee. The committee should give representation to major faculties. In case found suitable, one or two experts from, neighboring university or from State/Central Government or State Council of Higher Education or UGC may be appointed. One of the teachers may be appointed as member-secretary of the committee.

2.3.0

The committee should be appointed every year at the end of academic year. The committee should spend minimum one week and maximum two weeks to visit various departments of universities, depending upon the number of university departments, meet teachers and student representatives as well as administrative staff, check timetables, academic and administrative records etc. The committee may give a report, covering the following points, to know whether the academic and administrative norms were followed or not, after going through the academic and administrative records.

- Working days (for instruction, for research)
- Working hours
- Time-table
- Utilisation of class-rooms
- Utilisation of library
- Utilisation of services of teachers
- Utilisation of computers
- Utilisation of equipments
- Utilisation of research facilities and research manpower
- Admission criteria and procedure
- Student attendance
- Curriculum (whether revised, covered etc)
- Qualification of teachers as per University Grants Commission regulation
- Workload of teachers
- Performance appraisal of teachers
- Research quality publications

Utilisation of other facilities, like gymkhana, play ground etc
Examinations (whether conducted in time, results declared in time, certificate degrees given in time, complaints if any)
Administrative Structure
Admission Procedure
Procedures for various activities concerning students, teachers, scholars, non-teaching staff etc.
Decision making process.
Utilisation of Administrative facilities, effectiveness of administrative structure.
Any other matter relating to academic standards may also be included in the report.

2.4.0

The report of the **Audit Committee** may be placed before the Governing Bureau/ Management Council/Executive Council and Senate and relevant findings can be communicated to the concerned departments, individual teachers for compliance. A copy of the report be submitted to University Grants Commission and State/Central Government.

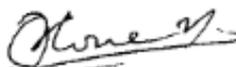
The university having affiliated colleges may also constitute Audit Committees for colleges on similar lines to each college.

2.5.0

The State Government may also set up Academic and Administrative Audit mechanism for State level on similar lines. The State level Committees may use the reports of individual universities and also see whether the compliance has been done by the concerned university.

2.6.0

The University Grants Commission may send Visiting Committees at the beginning of every plan period which may also take note of the reports prepared by the audit committees at university and State level.


Registrar
MANGALORE UNIVERSITY
MANGALAGANGOTHRI-574199

Annexure - III - IQAC data collection formats I & II

PROFORMA – I

1. Name of the Department:
2. Courses offered in the Department:
3. Self-financing Courses (if offered in the Department):
4. Details of Student strength in the Department (Course/ Programme-wise):

Course		2016-17					
		I/II Semester			III/IV Semester		
		SC/ST	Gen.	Total	SC/ST	Gen.	Total
	Male						
	Female						
	Total						

5. Teaching Staff:

Presently Working	Number	Sanctioned Strength	Number
Professors		Professors	
Associate Professors		Associate Professors	
Assistant Professors		Assistant Professors	
Guest Lecturers			

6. Supporting Staff:

Cadre	Number
-------	--------

7. Annual Grant (2016-17)

Head	Grant (Rs.)
Equipment (if applicable)	
Consumables (if applicable)	
Library Grant (Books & Journals together)	

8. Number of Research Scholars

Full Time	Part Time	Total

9. Academic output of the department (Numbers only) (Enclose Detailed list separately)

	Research Papers/ Reports/ Monographs/ (Excluding Popular Articles)		Books		Presentations in Conferences/ Seminars/ Workshops		Conferences/ Seminars/ Workshops Organised		M.Phil/ Ph.D.s Produced
	I.N.	N.	I.N.	N.	I.N.	N.	I.N.	N.	
Till Dec 2014*									
2015									
2016									
2017									
Total									

*Period: 1st January to 31st December 2017

I.N - International.

N - National

10. Details on Impact factor of publications (2017):

Range Average h-index Nos. in SCOPUS

11. Details of Research Projects:

Title of the Project	Principal Investigator	Funding Agency	Period		Amount Sanctioned (In Lakhs)
			From	To	

Chairman's Signature with Seal

PROFORMA – II

Information to be furnished to the Committee for Academic and Administrative Audit.

1. Name of the Department:
2. Courses offered in the Department:
3. Self-financing Courses (if offered in the Department):
4. Details of Student strength in the Department (Course/ Programme-wise):

		2016-17					
Course		I/II Semester			III/IV Semester		
		SC/ST	Gen.	Total	SC/ST	Gen.	Total
	Male						
	Female						
	Total						

5. Teaching Staff:

Presently Working	Number	Sanctioned Strength	Number
Professors		Professors	
Associate Professors		Associate Professors	
Assistant Professors		Assistant Professors	
Guest Lecturers			

6. Supporting Staff:

Cadre	Number

7. Annual Grant (2016-17)

Head	Grant (Rs.)
Equipment (if applicable)	
Consumables (if applicable)	
Library Grant (Books & Journals together)	

8. Research Guidance/Supervision:

- a) Ph D's Successfully Guided

Name of the Research Scholars	Name of the Guide	Date of Award

- b) Research Scholars Presently working

Name of the Research Scholars	Name of the Guide	Full Time/Part Time

9. Research Publications

Publications	Published		Accepted/In Press	
	National	International	National	International
Research Papers: a. Refereed journals b. Non-refereed journals having ISSN numbers c. Conference proceedings as full papers				
Book (s)				
Chapters in Book (s)				
Patents	Granted:		Filed:	

10. Seminars/Conferences/Workshops/Symposia/Training Programme etc.:

a) Attended

Participated to a) Present Paper/Poster b) Deliver lecture/Chair sessions	In India	Abroad

b) Organised

Title	Date

11. Details on Impact factor of publications (2017):

Range Average h-index Nos. in SCOPUS

12. Details of Research Projects:

Title of the Project	Principal Investigator	Funding Agency	Period		Amount Sanctioned (In Lakhs)
			From	To	

13. Awards / Fellowship / Membership in Academic Bodies / Societies and Editorship of Reputed Journals:

Name of the Body/Society	Kind of the Award / Fellowship / Nature of Membership / Editorship

14. Does the Department provide any consultancy services?
15. Innovative Teaching-Learning methodologies adopted.
16. Details of Curriculum Design, Development and Revision.
17. Co-curricular, extension and professional development activities conducted:
 - a) Extension, Co-curricular & field-based activities
 - b) Contribution to Corporate Life and Management of the Institution
 - c) Professional Development activities
18. Give details of workload of teachers
19. Utilization of Infrastructure / Facilities (No. of hours / week)
 - a) Class rooms
 - b) Library
 - c) Computers
 - d) Equipments
20. Admission criteria and procedure
21. Student attendance
22. Decision making process
23. Any other matter relating to academic standards

(Chairman)

Annexure – IV - Student Feedback Questionnaires
Questionnaire:1

MANGALORE UNIVERSITY
 ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

Questionnaire No. 1 / ಪ್ರಶ್ನಾವಳಿ - 1

Feedback from Students on Course / Paper, ಕೋರ್ಸ್/ಪತ್ರಿಕೆಯ ಕುರಿತು ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಒಮ್ಮತಿಸಿ

(To be filled for each paper/course, ಪ್ರತಿ ಪತ್ರಿಕೆ/ಕೋರ್ಸ್‌ಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಭರ್ತಿ ಮಾಡುವುದು)

Programme:

ಪ್ರೋಗ್ರಾಂ:

Semester/Term/Year:

ಅರ್ಜಿಯರ್ಷಿ/ಅವಧಿ/ವರ್ಷ:

Department:

ವಿಭಾಗ:

NOTE: This is a confidential feedback sought from you. Please do not leave any of your identity while filling up this proforma. The University will process the details with utmost care and confidentiality.

ಸೂಚನೆ: ಇದು ನಿಮ್ಮಿಂದ ಪಡೆಯುವ ಅತ್ಯಂತ ರಹಸ್ಯ ಒಮ್ಮತಿಸಿ. ಈ ಪ್ರಶ್ನಾವಳಿಯಲ್ಲಿ ನಿಮ್ಮ ಯಾವುದೇ ಹೆಸರು/ಗುರುತು ಇಲ್ಲದಂತೆ ಭರ್ತಿಮಾಡಿ. ವಿಶ್ವವಿದ್ಯಾನಿಲಯವು ಎಲ್ಲಾ ವಿವರಗಳನ್ನು ಅತ್ಯಂತ ಗಮನವಿಟ್ಟು ಮತ್ತು ಗೌಪ್ಯತೆಯಿಂದ ಪರಿಶೀಲಿಸುತ್ತದೆ.

Please rate the Course/Paper on the following attribute using 4-point scale shown.

ಕೆಳಕಂಡ ವಿಷಯಗಳಿಗೆ 4 ಮೌಲ್ಯಾಂಕಗಳ ಸೆಲೆಯಲ್ಲಿ ಕೋರ್ಸ್/ಪತ್ರಿಕೆಗಳ ಮೌಲ್ಯಾಂಕಗಳನ್ನು ನಿರ್ಧರಿಸಿ.

4.00	3.00	2.00	1.5	0.0
A	B	C	D	
Very Good ಅತ್ಯುತ್ತಮ	Good ಉತ್ತಮ	Satisfactory ಸೃಷ್ಟಿಕರ	Unsatisfactory ಅಸೃಷ್ಟಿಕರ	

Sl. No. ಕ್ರ.ಸಂ.	Parameters /ಮಾಪದಂಡಗಳು	Papers/Courses,ಪತ್ರಿಕೆಗಳು/ಕೋರ್ಸ್							
		1	2	3	4	5	6	7	8
1.	Depth of the course content/ ಪಠ್ಯಕ್ರಮದ ಗಾಢತೆ								
2.	Extent of coverage of the course / ಯಾವ ಪ್ರಮಾಣದಲ್ಲಿ ಪಠ್ಯಕ್ರಮವನ್ನು ಪೂರ್ಣಗೊಳಿಸಲಾಗಿದೆ								
3.	Applicability/relevance of the course, ಪಠ್ಯಕ್ರಮದ ಅನ್ವಯಕತೆ/ಪ್ರಸ್ತುತತೆ								
4.	Learning value of the course in terms of knowledge, concepts and skills. ಜಿಳುವಳಿಕೆ, ಪರಿಕಲ್ಪನೆ ಮತ್ತು ಕೌಶಲ್ಯಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಕೋರ್ಸ್‌ನ ಕಲಿಕೆಯ ಮೌಲ್ಯ								
5.	Clarity and relevance of the prescribed reading material /ನಿಗದಿಪಡಿಸಿದ ಓದುವ ಸಾಮಗ್ರಿಗಳ ಊರಿತಂತೆ ಸ್ಪಷ್ಟತೆ ಮತ್ತು ಪ್ರಸ್ತುತತೆ								
6.	Relevance of additional source material (Library)/ಹೆಚ್ಚುವರಿ ಅಧ್ಯಯನ ಸಾಮಗ್ರಿಗಳ ಪ್ರಸ್ತುತತೆ								
7.	Overall rating/ಒಟ್ಟಾರೆ ಮೌಲ್ಯಾಂಕ								

Questionnaire:2

MANGALORE UNIVERSITY
ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

Questionnaire No. 2 / ಪ್ರಶ್ನಾವಳಿ - 2

Student Feedback on Teachers / ಅಧ್ಯಾಪಕರ ಮೂಲಕ ಪ್ರಾಧ್ಯಾಪಕರ ಕಾರ್ಯಕ್ಷಮತೆ
(To be filled separately for Semester / Term, ಪ್ರತಿ ಸೆಮಿಸ್ಟರ್/ಅವಧಿಗಿಂತ ಸ್ವತಂತ್ರವಾಗಿ ಭರ್ತಿ ಮಾಡುವುದು)

Department: Computer Science
ವಿಭಾಗ:

Semester/Term/Year:
ಸೆಮಿಸ್ಟರ್/ಅವಧಿ/ವರ್ಷ:

NOTE: This is a confidential feedback sought from you. Please do not leave any of your identity while filling up this proforma.
The University will process the details with utmost care and confidentiality / ಸೂಚನೆ: ಇದು ನಿಮ್ಮ ವಿವರಗಳನ್ನು ಕಡತೀಕರಿಸುವ ಅತ್ಯಂತ ಗೌಪ್ಯತೆಯಿಂದ ಮಾಡಲಾಗುತ್ತದೆ. ಈ ಪ್ರಶ್ನಾವಳಿಯಲ್ಲಿ ನಿಮ್ಮ ಯಾವುದೇ ವಿವರಗಳನ್ನು ಇತರರಿಗೆ ಭರ್ತಿ ಮಾಡಬಾರದು. ವಿಶ್ವವಿದ್ಯಾನಿಲಯವು ಈಗಾಗಲೇ ಎಲ್ಲಾ ವಿವರಗಳನ್ನು ಅತ್ಯಂತ ಗೌಪ್ಯತೆಯಿಂದ ಪರಿಶೀಲಿಸುತ್ತದೆ.

Please rate the Teacher on the following attribute using 4-point scale shown.
ಈ ಕೆಳಗೆ ನೀಡಿರುವ ವಿಷಯವನ್ನು ಅಧ್ಯಾಪಕರ ಸೇವೆಯನ್ನು ಅಧ್ಯಾಪಕರ ಮೌಲ್ಯಮಾಪನ ಮಾಡಿ.

4.00	3.00	2.00	1.5	0.0
A	B	C	D	
Very Good ಅತ್ಯುತ್ತಮ	Good ಉತ್ತಮ	Satisfactory ತೃಪ್ತಿಕರ	Unsatisfactory ಅತ್ಯಲ್ಪಕರ	

Teachers:

Sl. No.	Parameters/ ಮಾಪಕ	Teachers/ ಅಧ್ಯಾಪಕರು									
1.	Knowledge base of the Teacher / ಅಧ್ಯಾಪಕರ ವ್ಯಾಪಕತೆ ಮತ್ತು										
2.	Communication Skills of the Teacher / ಅಧ್ಯಾಪಕರ ಸಂವಹನ ಕೌಶಲಗಳು										
3.	Sincerity/Commitment of the Teacher / ಅಧ್ಯಾಪಕರ ಪ್ರಾಮಾಣಿಕತೆ/ಬದ್ಧತೆ										
4.	Interest generated by the Teacher ಅಧ್ಯಾಪಕರು ಹುಟ್ಟುಹಾಕಿದ/ಬೆಳೆಸಿದ ಆಸಕ್ತಿ										
5.	Ability of the Teacher to integrate the course content with other courses to provide a broader perspective / ತುಂಬಾ ಪರಿಶ್ರಮ ಮತ್ತು ಇತರ ಪಠ್ಯಕ್ರಮಗಳನ್ನು ಸಮಗ್ರವಾಗಿ ಗ್ರಹಿಸುವಲ್ಲಿ ಮತ್ತು ಆ ವಿಷಯಗಳ ವ್ಯಾಪಕ ದೃಷ್ಟಿಕೋನವನ್ನು ನೀಡುವಲ್ಲಿ ಅಧ್ಯಾಪಕರ ಸಾಮರ್ಥ್ಯ										
6.	Accessibility of the Teacher in the department for further academic discussion. ವಿಭಾಗದಲ್ಲಿ ಇತರರೊಂದಿಗೆ ವಿಚಾರಣೆ, ಅಧ್ಯಯನದ ವಿಸ್ತೃತ										
7.	Ability of the Teacher to design methods to evaluate the students' understanding of the course / ವಿದ್ಯಾರ್ಥಿಗಳ ಅರ್ಥೈಸಿಕೊಂಡಿರುವ ವಿಷಯವನ್ನು ಮೌಲ್ಯಮಾಪನಗೊಳಿಸುವ ವಿಧಾನಗಳನ್ನು ರೂಪಿಸುವಲ್ಲಿ ಅಧ್ಯಾಪಕರ ಸಾಮರ್ಥ್ಯ										
8.	Regularity and Punctuality of the Teacher / ಅಧ್ಯಾಪಕರ ನಿಯಮಿತ ಮತ್ತು ಸಮಯ ಪ್ರಜ್ಞೆ										
9.	Overall rating ಸಾರ್ವಕೋಶಿಕ ಮೌಲ್ಯಮಾಪನ										

Sl. No. ಗ.ನಂ.	Parameters/ ವಿಷಯ	Guest Lecturers/ ಅತಿಥಿ ಉಪನ್ಯಾಸಕರು
1.	Knowledge base of the Teacher / ಅಧ್ಯಾಪಕರ ಜ್ಞಾನದ ಮಟ್ಟ	
2.	Communication Skills of the Teacher / ಅಧ್ಯಾಪಕರ ಸಂವಹನ ಕೌಶಲಗಳು	
3.	Sincerity/Commitment of the Teacher / ಅಧ್ಯಾಪಕರ ಪ್ರಾಮಾಣಿಕತೆ/ಬದ್ಧತೆ	
4.	Interest generated by the Teacher ಅಧ್ಯಾಪಕರ ಪ್ರವಚನಗಳಲ್ಲಿ ಆಸಕ್ತಿಯನ್ನು ಮೂಡಿಸುವ ಶಕ್ತಿ	
5.	Ability of the Teacher to integrate the course content with other courses to provide a broader perspective / ಬೇರೂತ ಪಠ್ಯಕ್ರಮದ ಜೊತೆ ಇತರ ಪಠ್ಯಕ್ರಮವನ್ನು ಸಮನ್ವಯ ಗೊಳಿಸುವಲ್ಲಿ ಮತ್ತು ಆ ಮೂಲಕ ವ್ಯಾಪಕ ವ್ಯಕ್ತಿತ್ವೋನ್ನತಿಯನ್ನು ಬೆಳೆಸುವಲ್ಲಿ ಅಧ್ಯಾಪಕರ ಶಕ್ತಿ	
6.	Accessibility of the Teacher in the department for further academic discussion. ವ್ಯಾಪಕ ಶೈಕ್ಷಣಿಕ ಚರ್ಚೆಗಾಗಿ ವಿಭಾಗದಲ್ಲಿ ಅಧ್ಯಾಪಕರ ಲಭ್ಯತೆ	
7.	Ability of the Teacher to design methods to evaluate the students' understanding of the course / ಪಠ್ಯಕ್ರಮವನ್ನು ಅಳವಡಿಸಿಕೊಂಡು ರೀತಿಯನ್ನು ಬೆಳೆಸುವುದಕ್ಕಾಗಿ ವಿಭಾಗದಲ್ಲಿ ಅಧ್ಯಾಪಕರ ಶಕ್ತಿ	
8.	Regularity and Punctuality of the Teacher / ಅಧ್ಯಾಪಕರ ನಿರಂತರತೆ ಮತ್ತು ಸಮಯ ಭಕ್ತಿ	
9.	Overall rating ಸಮಗ್ರ ಮೌಲ್ಯಮಾಪನ	

Questionnaire:3

MANGALORE UNIVERSITY

ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

Questionnaire No. 3 / ಪ್ರಶ್ನಾವಳಿ - 3

Students' overall Evaluation of Programme and Teaching

ಅಧ್ಯಾಪನ ಮತ್ತು ಪ್ರೋಗ್ರಾಂನ ಕುರಿತು ವಿದ್ಯಾರ್ಥಿಗಳ ಸಮಗ್ರ ಮೌಲ್ಯಮಾಪನ

(To be filled at the end of the Programme, ಪ್ರೋಗ್ರಾಂನ ಕೊನೆಯಲ್ಲಿ ಭರ್ತಿಮಾಡುವುದು)

Department :
ವಿಭಾಗ:

Program :
ಪ್ರೋಗ್ರಾಂ:

Year :
ವರ್ಷ:

Your responses will be seen only after your course results have been finalised and recorded. The information will be used only for the improvement of the course and teaching in the future / ನಿಮ್ಮ ಕೋರ್ಸಿನ ಫಲಿತಾಂಶ ಪ್ರಕ್ರಿಯೆ ಅಂತಿಮಗೊಂಡು, ದಾಖಲಾಗಿಸಿದ ಬಳಿಕ ಮಾತ್ರ ನಿಮ್ಮ ಪ್ರತಿಕ್ರಿಯೆಗಳನ್ನು ಗಮನಿಸಲಾಗುವುದು. ಭವಿಷ್ಯದಲ್ಲಿ ಕೋರ್ಸು ಮತ್ತು ಅಧ್ಯಾಪನದ ಮೌಲ್ಯವನ್ನು ಉತ್ತಮ ಗೊಳಿಸುವಲ್ಲಿ ಮಾತ್ರ ಈ ಮಾಹಿತಿಗಳನ್ನು ಬಳಸಿಕೊಳ್ಳಲಾಗುವುದು.

1. The Syllabus was/ಪಾಠಪಠ್ಯದ ಸ್ವರೂಪವು ಹೀಗಿದೆ.

a) Challenging / ಸವಾಲಿನದು

b) Adequate / ಸಮರ್ಪಕ

c) Dull/ನೀರಸ

d) Inadequate / ಅಸಮರ್ಪಕ

2. Your background for pursuing the course was/ ಈ ಕೋರ್ಸನ್ನು ಅಯ್ಯುಕೊಳ್ಳುವಲ್ಲಿ ನಿಮ್ಮ ಹಿನ್ನೆಲೆ

a) More than adequate/ ಸಾಕಷ್ಟು ಸಮರ್ಪಕ

b) Just adequate/ ಅಗತ್ಯಕ್ಕೆ ತಕ್ಕಷ್ಟು ಸಮರ್ಪಕ

c) Inadequate / ಅಸಮರ್ಪಕ

3. Conceptually how difficult the course was?/ ಪಾಠಪಠ್ಯವು ಕಲ್ಪನಾತ್ಮಕವಾಗಿ ಕೋರ್ಸು ಎಷ್ಟರಮಟ್ಟಿಗೆ ಕಷ್ಟಕರವಾಗಿತ್ತು?

a) Easy/ಸುಲಭ

b) Manageable/ನಿಭಾಯಿಸುವ ಮಟ್ಟಿಗೆ

c) Difficult/ ಕಷ್ಟಕರ

d) Very difficult/ ಅತ್ಯಂತ ಕಷ್ಟಕರ

4. How much of the syllabus was covered in class? /

ತರಗತಿ ಬೋಧನೆಯಲ್ಲಿ ಪಾಠಪಠ್ಯದ ಎಷ್ಟು ಭಾಗವನ್ನು ಪೂರ್ಣಗೊಳಿಸಲಾಗಿದೆ?

a) 85 to 100% / 85 ರಿಂದ 100 %

b) 70 to 85% / 70- 85%

c) 55 to 70% / 55 ರಿಂದ 70%

d) Less than 55% / 55% ಕ್ಕಿಂತ ಕಡಿಮೆ

5. What is your opinion about the library materials for the course? /

ನಿಮ್ಮ ಕೋರ್ಸಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಗ್ರಂಥಾಲಯ ಸಾಮಗ್ರಿಗಳ ಕುರಿತು ನಿಮ್ಮ ಅಭಿಪ್ರಾಯವೇನು?

a) Excellent/ ಅತ್ಯುತ್ತಮ

b) Adequate/ಸಮರ್ಪಕ

c) Inadequate/ ಅಸಮರ್ಪಕ

d) Very poor/ ದೀನವೂ ಸಾಲದು

14. Were your assignments discussed with you? / ನಿರ್ದೇಶಕ ಕೆಲಸಗಳ ಕುರಿತು ನಿಮ್ಮೊಂದಿಗೆ ಚರ್ಚಿಸುತ್ತಾರೆಯೇ?
- a) Yes, fully/ ಹೌದು, ಪೂರ್ಣ ಪ್ರಮಾಣದಲ್ಲಿ b) Yes partly/. ಹೌದು, ಭಾಗಶಃ
- c) Some times/ ಕೆಲವೊಮ್ಮೆ d) No/ ಇಲ್ಲ.
15. Were you briefed with an outline of the coursework and the scheme of evaluation at the beginning? / ಕೋರ್ಸು ವರ್ಕ್ ಮತ್ತು ಮೌಲ್ಯಮಾಪನ ಯೋಜನೆಯ ರೂಪರೇಷೆಯನ್ನು ಆರಂಭದಲ್ಲಿ ನಿಮಗೆ ವಿವರಿಸಲಾಗಿದೆಯೇ?
- a) Yes / ಹೌದು b) No/ ಇಲ್ಲ.
16. Was the briefing helpful? / ಆ ರೂಪ ರೇಷೆ ಉಪಯುಕ್ತವೇ?
- a) Yes / ಹೌದು b) No/ ಇಲ್ಲ.
17. Was the outline followed? / ಯೋಜನೆಯ ರೂಪರೇಷೆಯನ್ನು ಅನುಸರಿಸಲಾಗಿದೆಯೇ?
- a) Yes / ಹೌದು b) No/ ಇಲ್ಲ.
18. Was there any opportunity for personal interaction with teachers? / ಅಧ್ಯಾಪಕರೊಂದಿಗೆ ವೈಯಕ್ತಿಕ ಸಂವಾದಕ್ಕೆ ಅವಕಾಶವಿದೆಯೇ?
- a) Yes/ ಹೌದು b) To some extent/ ಸ್ವಲ್ಪಮಟ್ಟಿಗೆ c) No/ ಇಲ್ಲ.
19. Was there a provision for counselling in the department / ವಿಭಾಗದಲ್ಲಿ ಕೌನ್ಸಿಲಿಂಗ್ ಸೌಕರ್ಯವು ಅವಕಾಶವಿದೆಯೇ?
- a) Yes/ ಹೌದು b) To some extent/ ಸ್ವಲ್ಪಮಟ್ಟಿಗೆ c) No/ ಇಲ್ಲ.
20. Was there any opportunity for group study? / ಕೆಲವು ಕಠಿಣವಿಷಯಗಳಿಗೆ ಅವಕಾಶವಿದೆಯೇ?
- a) Yes/ ಹೌದು b) To some extent/ ಸ್ವಲ್ಪಮಟ್ಟಿಗೆ c) No/ ಇಲ್ಲ.
21. Were external experts invited to address you? / ನಿಮ್ಮನ್ನು ಉದ್ದೇಶಿಸಿ ಮಹಾನ್ಮಾತೃಗಳು ಬಾಹ್ಯಾತ್ಮರನ್ನು ಆಹ್ವಾನಿಸಲಾಗಿದೆಯೇ?
- a) Frequently/ ಆಗಾಗ b) Occasionally/ ಸಂದರ್ಭಗಳಿಗಾಗ
- c) Rarely/ ವಿರಳವಾಗಿ d) Never/ ಎಂದೂ ಇಲ್ಲ.
22. Orientation given by the teachers through field and lab studies was/ ಕ್ಷೇತ್ರಕಾರ್ಯ ಮತ್ತು ಪ್ರಯೋಗಶಾಲಾ ಅಧ್ಯಯನಗಳ ಮೂಲಕ ಅಧ್ಯಾಪಕರು ವಿಷಯದ ಬಗ್ಗೆ ನೀಡಿದ ಪರಿಚಯಾತ್ಮಕ ತಿಳುವಳಿಕೆಯು
- a) Very good/ ಅತ್ಯುತ್ತಮ b) Good/ ಉತ್ತಮ
- c) Average/ ಸಾಧಾರಣ d) Poor/ ಏನೇನೂ ಇಲ್ಲ.

23. Encouragement of the department for co-curricular activities was /
ಪಠ್ಯಕ್ರಮದ ಹೊರತರಗತಿಗಳಿಗೆ ವಿಭಾಗದಿಂದ ದೊರೆಯುವ ಪ್ರೋತ್ಸಾಹ
- a) Very good/ಅತ್ಯುತ್ತಮ b) Good/ ಉತ್ತಮ
c) Average/ಸಾಧಾರಣ d) Poor/ ಕನಿಷ್ಠ
24. Overall academic atmosphere in the department was? /
ವಿಭಾಗದಲ್ಲಿ ಒಟ್ಟಾರೆ ಶೈಕ್ಷಣಿಕ ವಾತಾವರಣ ಹೇಗಿತ್ತು?
- a) Very good/ ಅತ್ಯುತ್ತಮ b) Good/ ಉತ್ತಮ
c) Average/ಸಾಧಾರಣ d) Poor/ ಕನಿಷ್ಠ
25. Discipline and good practices of the teachers in the department were /
ವಿಭಾಗದ ಅಧ್ಯಾಪಕರಲ್ಲಿ ಇರುವ ಶಿಸ್ತು ಮತ್ತು ಉತ್ತಮ ನಡವಳಿ
- a) Very good/ ಅತ್ಯುತ್ತಮ b) Good/ ಉತ್ತಮ
c) Average/ಸಾಧಾರಣ d) Poor/ ಕನಿಷ್ಠ
26. Do the teachers motivate students to pursue research? /
ಅಧ್ಯಾಪಕರು ವಿದ್ಯಾರ್ಥಿಗಳನ್ನು ಸಂಶೋಧನೆ ನಡೆಸಲು ಪ್ರೇರೇಪಿಸುತ್ತಾರೆಯೇ?
- a) Always / ಯಾವಾಗಲೂ b) Sometimes/ ಕೆಲವೊಮ್ಮೆ
c) Rarely/ದಿರಳವಾಗಿ d) Never/ ಎಂದೂ ಇಲ್ಲ
27. If you have any other comments to offer on the course and the teachers, you may do
so below or on a separate sheet./ ಕೋರ್ಸಿನ ಬಗ್ಗೆ ಮತ್ತು ಅಧ್ಯಾಪಕರ ಬಗ್ಗೆ ಏನಾದರೂ ಬೇರೆ-ಬೆಪ್ಪಣೆಗಳಿದ್ದರೆ, ಈ
ಕೆಳಗೆ ಬರೆಯಿರಿ ಅಥವಾ ಬೇರೆ ಪುಟದಲ್ಲಿ ಪ್ರತ್ಯೇಕ ಹಾಳೆಯನ್ನು ಬಳಸಿ.
28. Your suggestions to improve the quality of program and teachers /
ಪ್ರೋಗ್ರಾಂ ಮತ್ತು ಅಧ್ಯಾಪಕರ ಗುಣಮಟ್ಟವನ್ನು ಹೆಚ್ಚಿಸುವಲ್ಲಿ ನಿಮ್ಮ ಸಲಹೆ-

Annexure – V - Response Analysis of PG Programmes

Mangalore University

Department of Economics

				Paper Impact in %	
Department of Economics	MASTER OF ARTS IN ECONOMICS	2	ECH451	Micro Economic Analysis II	92.97
			ECH452	Macro Economic Analysis II	81.37
			ECH453	Economics of Growth and Development II	75.92
			ECS454(a)	Rural Development	100.00
			ECE455	Indian Economy: Policies and Programmes	100.00
			ECS454(b)	Urban Economics	75.00
			ECS454(c)	Statistical Techniques for Analysis	93.39
		4	ECH551	International Economics	86.72
			ECH552	Econometrics II	86.70
			ECH553	Project	86.52
			ECS554(a)	Economics of Insurance	78.75
			ECS554(b)	Financial Economics	85.03
			ECS554(d)	Economics of Infrastructure	85.97

Mangalore University

Department of English

					Paper Impact in %
Department of English	MASTER OF ARTS - ENGLISH	2	ENH451	British Literature: Sixteenth and Seventeenth Cent	91.09
			ENH452	British Literature: Restoration to the Eighteenth	84.32
			ENH453	English Language: Structure and Usage	76.35
			ENS455	Victorian Poetry	86.67
			ENS456	Victorian Prose	77.00
			ENE458	The Study of Literature	76.25
			ENE459	Politics Society and Family in the Nineteenth Cent	91.25
		4	ENH 551	Twentieth Century Fictions	88.96
			ENH 552	Literary Criticism- Part II	94.65
			ENS 553	English Language Teaching	89.31
			ENS 554	Women Writing in India	87.36
			ENS 555	American Drama	90.21

Mangalore University

Department of History

					Paper Impact in %
Department of History	MASTER OF ARTS - HISTORY	2	HSH 451	Modern Indian Historiography	75.73
			HSH 453	State Society and Economy in Medieval India	57.40
			HSS 454	Colonialism and Nationalism in West Asia	72.92
			HSS 455	Art and Architecture of Karnataka to AD 14th Centu	85.73
			HSE 456	Science and Technology in Pre-Modern India	0.00
		4	HSH 551	HISTORIOGRAPHY IN MODERN WORLD	84.80
			HSH 552	THINKERS OF MODERN INDIA	77.35
			HSS 553	SOCIETY ECONOMY AND POLITY UNDER	80.05
			HSS 554	STATE AND SOCIETY IN CONTEMPORARY INDIA	72.28
			HSS 555	DAKSHINA KANNADA AND KODAGU-A	85.94

Mangalore University

Department of Kannada

					Paper Impact in %
Department of Kannada	MASTER OF ARTS - KANNADA	2	KNH 451	Madhyakaleena Kannada Sahithya: Bhaga - II	91.44
			KNH 452	Paschathya Sahithva Thathva matthu Vimarshe	87.77
			KNS 453	Adhunika Sankathanagalu: Naadu-Nudi-Samskrithi San	91.25
			KNS 454	Sahithya Sankathana	80.00
			KNS 455	Dalitha Sankathana	86.70
			KNS 456	Mahila Sankathana	87.79
			KNE 457	Adhunika Poorva Kannada Sahithya: Bhaga I	91.25
			KNE 458	Adhunika Kannada Sahithya: Bhaga I	86.88
		4	KNH 551	Adhunika Kannada Sahithya: Bhaga - II	79.79
			KNH 552	Adhunika Kannada Sahithya: Bhaga - III	78.41
			KNH 553	Kannada matthu computer balake	83.33
			KNS 556	Praadeshika Adhyayana	77.50

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Department of Mass Communication & Journalism

				Paper Impact in %	
Department of Mass Communication & Journalism	MASTER OF COMMUNICATION AND JOURNALISM	2	JMH 451	Media Law and Ethics	80.46
			JMH 452	Feature Writing	62.57
			JMH 453	Photography and Photo Journalism	59.21
			JMS 454	Development Communication	64.14
			JMS 455	Magazine Journalism	63.07
			JMS 456	Business Communication	86.25
			JME 457	Communication Skills	64.69
			JME 458	Writing for Media	66.25
		4	JMH 551	Television Programme Production	64.64
			JMH 552	New Media Technology	65.27
			JMH 553	Dissertation	77.40
			JMH 554	Environmental Communication	55.89
			JMH 555	Web Journalism	70.63
			JMH 556	Film Studies	64.81

Mangalore University

Department of Social Work

				Paper Impact in %	
Department of Social Work	MASTER OF SOCIAL WORK	2	SWH 451	Social Policy and Welfare Administration	72.19
			SWH 452	Community Organization and Social Action	89.12
			SWH 453	Social Work Research and Statistics	75.85
			SWS 454	Industrial psychology	92.69
			SWS 455	Social Work with Families	86.20
			SWE 456	Contemporary Social work Perspectives and Concerns	78.25
			SWE 457	Development of Communication Skills and Profession	85.71
			SWH 458	Social Work Practicum II	93.07
		4	SWS 551	Communication Skills for Social Work Practice	90.78
			SWS 552	Juvenile Justice System in India	79.41
			SWS 553	Urban Community Development	87.50
			SWS 554	Social Medicine and Medical Social Work	93.06
			SWS 555	Labour Welfare and Industrial Relations	86.93
			SWS 556	Citizen Participation and Local self Governance	93.75
			SWS 557	Therapeutic Counseling	91.24
			SWS 558	Labour Legislation	88.85
			SWP 559	Research Project	86.14
			SWH 560	Social Work Practicum IV	90.93

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Department of Political Science

				Paper Impact in %	
Department of Political Science	MASTER OF ARTS POLITICAL SCIENCE	2	PSH 451	Modern Western Political Philosophy	86.67
			PSH 452	POLITICAL DISCOURSE IN MODERN INDIA	80.28
			PSH 453	INTERNATIONAL RELATIONS: STRUCTURE AND	84.12
			PSS 454	DEVELOPMENT ADMINISTRATION IN INDIA	80.00
			PSS 455	COMPARATIVE POLITICS: CONCEPTS AND	80.38
			PSE 456	DECENTRALISATION AND PANCHAYAT SYSTEM	79.38
		4	PSH 551	CONTEMPORARY POLITICAL THEORY	77.60
			PSS 552	REGIONAL COOPERATION IN SOUTH ASIA	82.26
			PSH 553	STRATEGY AND PRACTICE OF INDIA'S FOREIGN	83.61
			PSS 554	US IN WORLD AFFAIRS	80.24
			PSS 555	POLITICS IN KARNATAKA	87.07
			PSP 556	PROJECT WORK	90.54

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Department of Sociology

				Paper Impact in %	
Department of Sociology	MASTER OF ARTS - SOCIOLOGY	2	SYH 451	Development of Sociological Thought	91.88
			SYH 452	Social Statistics	89.38
			SYS 453	Sociology of Health and Sanitation	93.63
			SYS 455	Sociology of Ageing	86.50
		4	SYH 551	Modern Sociological Theories	76.69
			SYH 552	Gender and Society	82.79
			SYS 553	Education and Society	92.00
			SYS 554	Sociology of Development	75.21
			SYS 555	Industry and Society	78.33
			SYS 556	Social Entrepreneurship	89.43
			SYP 557	Project Work - Dissertation	80.99

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Department of Commerce

				Paper Impact in %	
Department of Commerce	MASTER OF COMMERCE	2	CME 451	Personality Development	78.33
			CMS 452	Entrepreneurship Development	78.89
			CMS 453	Strategic Marketing Management	79.55
			CMS 454	Business Industry and Commerce	75.00
			CMH 455	Business Research Methods	80.54
			CMH 456	International Business	79.65
			CMH 457	Advanced Cost Accounting	76.16
		4	CMS 551	Retail Management	82.52
			CMS 552	Dissertation	88.88
			CMH 553	Risk and Insurance Management	73.05
			CMH 554	International Financial Management	77.31
			CMS 555	Financial Derivative Markets	74.98
			CMS 556	Portfolio Management	86.26
			CMS 557	Organisational Behaviour	0.00
			CMS 558	Labour Legislation	0.00
			CMS 559	Financial Services and Institutions	0.00
			CMS 560	Actuarial Management	0.00
			CMS 561	Corporate Tax Planning	0.00
CMS 562	GST Business Models	0.00			

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Department of Commerce

					Paper Impact in %
Department of Commerce	MASTER OF HUMAN RESOURCE DEVELOPMENT	2	CRH 452	Organisational Behaviour	76.67
			CRH 453	Advanced Cost Accounting	80.42
			CRH 454	Strategic Marketing Management	75.42
			CRS 455	Labour Legislation	82.78
			CRS 456	Soft Skills Management	91.67
		4	CRH 551	Performance and Talent Management	95.00
			CRH 552	Global Human Resource Management	90.33
			CRH 553	Project Report Viva-Voce	92.95
			CRS 554	Entrepreneurship Development	86.79
			CRS 555	Employee Engagement and Empowermen	92.08

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Department of M.B.A.

				Paper Impact in %	
Department of M.B.A.	MASTER OF BUSINESS ADMINISTRATION	2	MBAH 451	Human Resource Management	76.84
			MBAH 452	Marketing Management	74.07
			MBAH 453	Indian Business Environment	72.65
			MBAH 454	Operations Research	66.88
			MBAS 455	Production and Operations Management	82.88
			MBAS 456	Business Ethics and Social Responsibility	78.87
			MBAS 457	Supply Chain Management	75.00
			MBAS 458	Non- Profit Management	75.00
			MBAS 459	Disaster Management	75.00
		4	MBAH 551	Strategic Management	74.58
			MBAP 552	Project Report	81.06
			MBAS 553	Financial Services	79.28
			MBAS 554	International Financial Management	79.81
			MBAS 555	Corporate Financial Restructuring	76.96
			MBAS 556	International Marketing Management	86.53
			MBAS 557	Services Marketing	87.78
			MBAS 558	Rural Marketing	85.42
			MBAS 559	Global Human Resources Management	79.00
			MBAS 560	Compensation Management	69.00
			MBAS 561	Performance Management	78.13

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Department of M.B.A.

				Paper Impact in %	
Department of M.B.A.	MASTER OF TOURISM AND TRAVEL MANAGEMENT	2	TMH 451	Marketing for Tourism and Hospitality	90.89
			TMH 452	Research Methodology For Tourism	66.61
			TMH 453	World Geography For Tourism - II	75.24
			TMH 454	Tourism Products of India - I	77.38
			TMS 455	Eco- Tourism	73.87
			TMS 456	Organizational Behavior	89.82
		4	TMH 551	Destination Planning and Development	77.67
			TMH 552	Human Resource Management	89.67
			TMH 553	Project Report	87.25
			TMS 554	Communicative Skills and Public Relations	73.67
			TMS 555	Tourism Polices and Legislations	82.00
			TMS 556	Customer Relationship and Services Management	71.22
			TMS 557	Information Technology For Tourism	0.00
			TMS 558	Tourism Law	0.00

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Department of Physical Education

				Paper Impact in %	
Department of Physical Education	Bachelor of Physical Education	4	CC 401	Measurement and Evaluation in Physical Education	68.27
			CC 402	Kinesiology and Biomechanics	74.27
			CC 403	Research and Statistics in Physical Education	78.13
			EC 401	Theory of sports and Game	71.45
			EC 402	Sports Management	66.88
			PC 401	Track and Field- Specialization	79.40
			PC 402	Games Specialization- Kabaddi Kho Kho Volleyball	76.73
			TP 401	Sports Specialization- Coaching lessons Plans (One for	74.18
			TP 402	Games Specialization- Coaching lessons Plans (One for	72.26

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Department of Physical Education

				Paper Impact in %	
Department of Physical Education	MASTER OF PHYSICAL EDUCATION	2	MDH 452	Applied Statistics in Physical Education & Sports	84.69
			MDH 453	Physiology of Exercise	85.29
			MDS 454	Sports Journalism and Mass Media	71.94
			MDS 455	Sports Management	84.48
			MDH 456	Track and Field II: Jumping Events	74.75
			MDH 457	Laboratory Practical ? Physiology of Exercise	83.92
			MDH 458	Teaching Lessons of Sports and Games. Class room t	83.49
			MDS 459	Specialization: Kho-Kho/ Volleyball/Cricket	81.56
		4	MDH 551	Dissertation/Project	83.53
			MDS 552	Value and Environmental Education	82.71
			MDS 553	Sports Sociology	84.44
			MDS 554	Biomechanics and Kinesiology	78.88
			MDS 555	Information and Communication Technology (ICT) in	80.31
			MDH 556	Track and Field IV: Combined Events Cross Country	76.84
			MDS 557	Laboratory Practical: Computer Applications	80.89
			MDS 558	Laboratory Practical: Biomechanics and Kinesiology	69.33
			MDS 559	Games Specialization: Handball/ Tennis/Weightlifti	88.48

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Department of Physical Education

				Paper Impact in %	
Department of Physical Education	MASTER OF EDUCATION	2	MEH 452	Philosophy of Education	56.50
			MEH 453	Teacher Education Course ? I	49.38
			MEH 454	Curriculum Studies	60.75
			MEH 455	Dissertation	43.13
			MES 458(b)	Secondary Teacher Education	72.50
	4	MES 551(a)	Theme Based Specialization Course - I-Elementary L	53.44	
		MES 552(a)	Theme Based Specialization Course - II-Elementary	56.56	
		MES 553(a)	Theme Based Specialization Course - III-Elementary	58.13	
		MEH 554	Dissertation	54.69	
		MEH 555	Internship in Specialization	70.94	

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Department of Applied Botany

				Paper Impact in %	
Department of Applied Botany	MASTER OF SCIENCE - BOTANY	2	BOH 451	Plant Morphology and Taxonomy- II	75.44
			BOH 452	Plant Physiology	76.76
			BOH 453	Plant Morphology and Taxonomy - Lab- II	76.47
			BOH 454	Plant Physiology - Lab	81.91
			BOS 455	Molecular plant pathology	79.04
			BOS 456	Applied Microbiology	80.63
			BOS 457	Ethnobotany & IPR	61.25
			BOS 458	Reproductive biology of Angiosperms and Plant Morp	68.59
			BOP 459	Molecular plant pathology - Lab	81.51
			BOP 460	Applied Microbiology - Lab	72.54
			BOP 461	Ethnobotany & IPR - Lab	64.00
			BOE 463	Medicinal Plants	70.25
			4	BOH 551	Plant Breeding
		BOH 552		Plant Biotechnology	75.93
		BOP 553		Project work	84.11
		BOP 554		Plant Breeding-Lab	79.40
		BOP 555		Plant Biotechnology-Lab	81.63
		BOS 556		Post Harvest Technology	77.92
		BOS 557	Biodiversity & conservation	78.83	

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Department of Applied Zoology

				Paper Impact in %	
Department of Applied Zoology	MASTER OF SCIENCE - ZOOLOGY	2	ZOH 451	Comparative Physiology	71.12
			ZOH 452	Toxicology and Cancer Biology	75.00
			ZOH 453	Animal Cell Biotechnology	76.81
			ZOS 454	Adaptation Biology	76.64
			ZOS 455	Molecular Cell Biology	83.45
			ZOS 456	Developmental Biology	0.00
		4	ZOH 551	Biology of Immune System	80.73
			ZOP 552	Project work	79.01
			ZOS 553	Wildlife Conservation and Management	63.70
			ZOS 554	Statistics and Bioinformatics	100.00
			ZOS 555	Radiation Biology	61.77

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Department of Bio-Sciences

				Paper Impact in %	
Department of Bio-Sciences	MASTER OF SCIENCE - BIOSCIENCES	2	BSH 451	Molecular Biology	93.64
			BSH 452	Biostatistics and Bioinformatics	72.73
			BSS 453	Applied Microbiology	82.61
			BSS 454	Aquatic Biology	71.13
			BSP 456	Molecular Biology Lab	92.95
			BSP 457	Biostatistics and Bioinformatics Lab	74.43
			BSP 458	Applied Microbiology Lab	79.32
			BSP 459	Aquatic Biology Lab	70.91
			BSE 461	Biodiversity	0.00
		4	BSH 551	Biotechnology	70.43
			BSS 552	Ecotoxicology	71.56
			BSS 553	Developmental Biology	72.71
			BSP 554	Biotechnology Lab	63.13
			BSP 555	Ecotoxicology Lab	73.59
			BSP 556	Developmental Biology Lab	73.75
			BSP 557	Project Work (Report/Dissertation)	86.25

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Department of Bio-Sciences

				Paper Impact in %	
Department of B. Sc.	MASTER OF SCIENCE - BIOTECHNOLOGY	2	BTS 453	Bioprocess Technology	88.29
			BTS 454	Bioanalytical Techniques	82.71
			BTP 457	Molecular Biology	88.17
			BTP 458	Genetic Engineering	93.29
		4	BTS 553	Nanobiotechnology	76.88
			BTS 554	Industrial Biotechnology	84.79
			BTP 555	Environmental Biotechnology	84.51
			BTP 556	Animal Biotechnology	88.62
			BTP 559	Project Work and Dissertation	93.68

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Department of Bio-Sciences

				Paper Impact in %	
Department of Bio-Sciences	MASTER OF SCIENCE - ENVIRONMENTAL SCIENCE	2	ESH 451	Socio-Economic aspects of Environment	83.13
			ESH 452	Environmental Pollution	87.50
			ESS 453	Environmental Chemistry	79.69
			ESS 454	Analytical and Statistical Methods	78.72
			ESP 456	Socio-Economic aspects of Environment Lab	83.44
			ESP 457	Environmental Pollution Lab	84.69
			ESP 458	Environmental Chemistry Lab	82.50
			ESP 459	Analytical and Statistical Methods Lab	80.94
		4	ESH 551	Environmental Biotechnology	57.92
			ESS 552	Environmental conservation and management	76.25
			ESS 553	Environmental Toxicology	63.33
			ESP 554	Environmental Biotechnology Lab	61.46
			ESP 555	Environmental conservation and management Lab	76.25
			ESP 556	Environmental Toxicology Lab	65.75
ESP 557	Project Work (Dissertation and Viva)		69.58		

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Department of Bio-Sciences

				Paper Impact in %	
Department of Bio-Sciences	MASTER OF SCIENCE - FOOD SCIENCE AND NUTRITION	2	FNH 451	Vitamins in Human Nutrition	77.12
			FNH 452	Minerals in Human Nutrition	76.14
			FNS 454	Analytical Techniques in Food Science	76.58
			FNS 456	Food Safety and Quality Control	77.34
			FNP 457	Vitamins in Human Nutrition Lab	75.87
			FNP 458	Minerals in Human Nutrition Lab	74.17
			FNP 460	Analytical Techniques in Food Science Lab	74.18
			FNP 462	Food Safety and Quality Control Lab	75.92
			FNE 464	Food Preservation	0.00
		4	FNS 553	Food Fortification	63.54
			FNS 554	Sports Nutrition	50.00
			FNP 555	Clinical Nutrition and Dietetics - II	69.11
			FNP 556	Food Preservation	67.97
			FNP 557	Project Work and Dissertation	65.73

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Department of Bio-Sciences

				Paper Impact in %	
Department of Bio-Sciences	MASTER OF SCIENCE - MICROBIOLOGY	2	MBH 451	Microbial Physiology	84.33
			MBH 452	Immunology	77.50
			MBP 453	Practical III (Microbial Physiology)	83.04
			MBP 454	Practical IV (Immunology)	73.10
			MBS 455	Food Microbiology	72.45
			MBS 456	Environmental Microbiology	76.92
			MBS 457	Phytopathology	66.86
			MBE 459	Microbial Diversity	59.58
			MBE 460	Biofertilizers and Biopesticides	60.63
		4	MBH 551	Agricultural microbiology	57.15
			MBH 552	Biostatistics and Bioinformatics	55.64
			MBP 553	Project work	54.17
			MBS 554	Fermentation Technology	55.94
			MBS 555	Cancer Biology	74.69
			MBS 556	Bio Nanotechnology	40.00
			MBS 557	Genetic Engineering	53.56

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Department of Chemistry

				Paper Impact in %	
Department of Chemistry	MASTER OF SCIENCE - APPLIED CHEMISTRY	2	ACH 451	Advanced Inorganic Chemistry	83.03
			ACH 452	Advanced Organic Chemistry	84.09
			ACH 453	Advanced Physical Chemistry	87.98
			ACS 454	Organic Spectroscopic Techniques	76.97
			ACS 455	Chemistry of Bio-molecules	85.00
			ACE 456	Environmental Electro- and Surface Chemistry	93.75
			ACP 457	Inorganic Chemistry Practicals-II	89.90
			ACP 458	Organic Chemistry Practicals-II	79.66
			ACP 459	Physical Chemistry Practicals-II	88.94
		4	ACH 551	Coordination Chemistry	80.09
			ACH 552	Synthetic & Natural Product Chemistry	80.52
			ACH 553	Solid State Chemistry & Nanomaterials	82.07
			ACS 554	Synthetic Polymers Dyes and Pesticides	78.45
			ACS 555	Applied Electrochemistry	82.07
			ACS 556	Reaction Kinetics & Nuclear Chemistry	84.41
			ACP 557	Inorganic Chemistry Practicals-IV	84.78
			ACP 558	Physical Chemistry Practicals-IV	86.53
			ACP 559	Project Work & Dissertation	82.96

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Department of Chemistry

				Paper Impact in %	
Department of Chemistry	MASTER OF SCIENCE - CHEMISTRY	2	CHH 451	Advanced Inorganic Chemistry	83.84
			CHH 452	Advanced Organic Chemistry	92.42
			CHH 453	Advanced Physical Chemistry	85.29
			CHS 454	Organic Spectroscopic Techniques	90.42
			CHP 457	Inorganic Chemistry Practicals-II	90.78
			CHP 458	Organic Chemistry Practicals-II	87.71
			CHP 459	Physical Chemistry Practicals-II	90.17
		4	CHH 551	Bioinorganic Chemistry	88.91
			CHH 552	Organic Synthetic Methods	91.78
			CHH 553	Electrochemistry and Reaction Dynamics	86.45
			CHS 554	Organometallic Chemistry	86.51
			CHS 555	Polymer Chemistry	91.02
			CHS 556	Nuclear Radiation & Photochemistry	86.88
			CHP 557	Inorganic Chemistry Practicals-IV	94.06
			CHP 558	Physical Chemistry Practicals-IV	91.18
			CHP 559	Project Work & Dissertation	89.27

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Department of Chemistry

				Paper Impact in %	
Department of Chemistry	MASTER OF SCIENCE - ORGANIC CHEMISTRY	2	OCH 451	Advanced Inorganic Chemistry	78.75
			OCH 452	Advanced Organic Chemistry	82.99
			OCH 453	Advanced Physical Chemistry	79.35
			OCS 454	Organic Spectroscopic Techniques	74.20
			OCS 455	Chemistry of Bio-molecules	0.00
			OCE 456	Environmental Electro- and Surface Chemistry	0.00
			OCP 457	Inorganic Chemistry Practicals-II	83.30
			OCP 458	Organic Chemistry Practicals-II	73.47
			OCP 459	Physical Chemistry Practicals-II	79.66
		4	OCH 551	Organic Synthetic Methods	92.42
			OCH 552	Medicinal Chemistry	87.26
			OCH 553	Natural Products Chemistry	82.26
			OCS 554	Synthetic Polymers Dyes & Pesticides	79.31
			OCS 555	Separation Techniques and Organometallic Chemistry	81.92
			OCS 556	Organic Synthetic Strategies and Petrochemicals	84.14
			OCP 557	Organic Chemistry Practicals-VI	87.34
			OCP 558	Organic Chemistry Practicals-VII	76.05
			OCP 559	Project Work & Dissertation	86.90

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Department of Computer Science

				Paper Impact in %	
Department of Computer Science	MASTER OF SCIENCE - COMPUTER SCIENCE	2	CSH 451	Advanced Operating System	60.31
			CSH 452	Internet of Things	93.39
			CSH 453	Advanced Database Management Systems	73.49
			CSS 454	Data Science	90.83
			CSS 455	Mobile & Wireless Communications	72.74
			CSP 459	Operating System Lab	59.17
			CSP 460	Data Science Lab	89.58
			CSP 462	DBMS Lab	78.91
			CSP 464	Internet of Things Lab	0.00
	4	CSP 551	Project Work Report Viva-Voce	71.70	

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Department of Computer Science

				Paper Impact in %	
Department of Computer Science	MASTER OF COMPUTER APPLICATIONS	2	MCAH 201	Advanced Operating System	82.50
			MCAH 202	System Software	84.44
			MCAH 203	Data Communications and Computer Networks	82.36
			MCAH 204	Advanced Data Structures	62.78
			MCAS205	Java Programming	88.47
			MCAP206	Advanced Data Structures Lab	61.67
			MCAP 207	Java Programming Lab	92.92
		4	MCAH 401	Software Engineering	74.08
			MCAH 402	Distributed Computing	69.46
			MCAH 403	Advanced Web Programming	58.33
			MCAS 404	Advanced Computer Network	75.00
			MCAS 405	Image Processing	70.01
			MCAS 406	Software Architecture	75.00
			MCAS 411	Operational Research	88.50
	MCAP 412		Distributed Computing Lab	76.01	
	MCAP 413		Computer Network Lab	81.70	
	MCAP 414		Image Processing Lab	45.63	
MCAP 415	Advanced Web Programming Lab	50.00			
MCAP 417	Operational Research Lab	75.00			

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Department of Electronics

				Paper Impact in %	
Department of Electronics	MASTER OF SCIENCE - ELECTRONICS	2	ELH 451	Analog and Digital Communication	87.25
			ELH 452	Digital Signal Processing	86.46
			ELH 453	Basic VLSI Design	83.13
			ELS 454	Embedded System Design using PIC	71.50
			ELS 457	Power Electronics	71.04
			ELP 458	Analog and Digital Communication Practical	62.71
			ELP 459	Digital Signal Processing Practical	75.63
			ELE 460	Electronic Communication	88.75
		4	ELP 551	Project	94.42
			ELS 552	Introduction to Arduino Raspberrypi and Beaglebon	84.67
			ELS 553	Video Processing	80.00
			ELS 554	VLSI Design using CAD	72.50
			ELS 555	Biomedical Electronics	82.08

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Department of Industrial Chemistry

				Paper Impact in %	
Department of Industrial Chemistry	MASTER OF SCIENCE - BIOCHEMISTRY	2	BCH 451	Enzymology	86.79
			BCH452	Metabolism of Fuel Molecules	84.20
			BCS 453	Nutrition	82.05
			BCS 455	Clinical Biochemistry	75.80
			BCP 458	Practical Enzymology	78.84
			BCP 459	Experiments in Clinical Biochemistry	79.38
		4	BCH 551	Biotechnology	67.77
			BCS 552	Cell Biology	70.45
			BCS 553	Bioinformatics & Biostatistics	64.82
			BCP 554	Practical Biotechnology	65.98
			BCP 555	Project Work	74.11

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Department of Industrial Chemistry

				Paper Impact in %	
Department of Industrial Chemistry	MASTER OF SCIENCE - INDUSTRIAL CHEMISTRY	2	ICH 451	Analytical Chemistry	78.92
		ICH 452	Organic Chemistry-II	82.90	
		ICH 453	Energy Systems Colloids and Petrochemicals	79.26	
		ICS 454	Chemical Engineering Technology	81.19	
		ICS 455	Soft materials and Nanotechnology	83.75	
		ICP 456	Inorganic Chemistry Practicals -II	84.83	
		ICP 457	Organic Chemistry Practicals -II	84.38	
		ICP 458	Physical Chemistry Practicals -II	84.20	
		ICE 459	Industrial Safety Environmental and Electrochemic	79.38	

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Department of Library & Information Science

				Paper Impact in %	
Department of Library & Information Science	MASTER OF LIBRARY AND INFORMATION SCIENCE	2	LSH 451	Management of Libraries and Information Centres-I	72.32
			LSH 452	Information Technology II	77.50
			LSP 453	Information Processing: Classification II (Practice)	59.29
			LSP 454	Information Technology I (Practice)	38.04
			LSS 455	Information Sources and Services	80.54
		4	LSH 551	Information Systems and Services	66.99
			LSH 552	Information Technology III	66.99
			LSP 553	Information Technology II (Practice)	55.34
			LSP 554	Dissertation	62.74
			LSS 555	Marketing of Information Products and Services	69.90

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Department of Marine Geology

				Paper Impact in %	
Department of Marine Geology	MASTER OF SCIENCE - GEOGRAPHY	2	GYH 451	Development of Geographic Thought	83.67
			GYH 452	Geography of Resources	77.42
			GYH 453	Basics of Remote Sensing	82.75
			GYS 454	Geography of Settlements	79.25
			GYP 459	Statistical Methods in Geography	90.00
			GYP 460	Cartographic Methods	87.75
		4	GYH 551	Agricultural Geography	83.04
			GYH 552	Regional Planning & Development	83.93
			GYS 553	Population Geography	89.64
			GYS 554	Environmental Geography	0.00
			GYS 555	Cultural Geography	75.89
			GYP 557	Research Techniques in Human Geography	79.29
			GYP 558	Dissertation field Study Tour/Viva-Voce	87.68

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Department of Marine Geology

				Paper Impact in %	
Department of Marine Geology	M.S COURSE IN GEO-INFORMATICS	2	GIH 451	Data Base Management System and Spatial Statistics	89.75
			GIH 452	Geographical Information System	80.00
			GIS 453	Digital Image Processing	77.00
			GIS 454	Applied Geomorphology	91.25
			GIS 455	Geo Environmental Science	65.00
			GIP 456	Geographical Information System and DBMS (Lab S)	89.25
			GIP 457	Geo Informatics of Natural Resource	67.50

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Department of Marine Geology

				Paper Impact in %	
Department of Marine Geology	MASTER OF SCIENCE - MARINE GEOLOGY	2	MGH 451	Structural Geology and Hydrogeology	71.07
		MGP 452	Structural Geology and Palaeontology (Lab)	78.39	
		MGS 453	Environmental Geology	80.18	
		MGS 454	Meteorology and Climatology	85.36	
		MGS 455	RS & Photogrammetry	94.29	
		MGP 456	Hydrogeology and Geostatistics & Comp. Appl. (Lab)	81.25	
		MGE 457	Geo-sciences	93.33	
	4	MGP 551	Project Work - Dissertation Viva - Voce Field Wo	70.42	

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Department of Materials Science

				Paper Impact in %	
Department of Materials Science	MASTER OF SCIENCE - MATERIALS SCIENCE	2	MSH 451	Quantum Mechanics-I	83.75
			MSH 452	Classical Mechanics and Statistical Physics	95.83
			MSH 453	Elements of Materials Science-II	85.42
			MSS 454	Surface Phenomena and Electrochemistry	92.92
			MSP 455	Materials Science Lab-III	90.83
			MSP 456	Materials Science Lab-IV	91.25
			MSE 457	Science of Materials in Daily Life	100.00
		4	MSH 551	Magnetic Materials and Magnetic Resonance	93.68
			MSH 552	Solid State Engineering Materials-II	95.72
			MSS 553	Materials Testing and Characterization	93.75
			MSS 554	Composite Materials	92.37
			MSS 555	Nanoscience and Nanotechnology - II	98.44
			MSP 556	Materials Science Lab - VI	94.93
			MSP 557	Materials Science Lab - VII	96.84
MSP 558	Project Work	88.53			

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Department of Mathematics

				Paper Impact in %	
Department of Mathematics	MASTER OF SCIENCE - MATHEMATICS	2	MTE 451	Discrete Mathematics and Applications	65.00
			MTH 452	Algebra ? II	83.15
			MTH 453	Real Analysis ? II	88.07
			MTH 454	Topology	88.42
			MTS 455	Linear Algebra ? II	89.20
			MTS 456	Ordinary Differential Equations	76.96
		4	MTP 551	Project Work	80.38
			MTH 552	Complex Analysis ? II	68.27
			MTH 553	Functional Analysis	91.64
			MTS 554	Partial Differential Equations	90.42
			MTS 555	Advanced Topology	94.56
			MTS 556	Advanced Discrete Mathematics	83.31
			MTS 557	Algebraic Number Theory	75.97
			MTS 558	Calculus of Variations and Integral Equations	72.50
MTS 559	Mathematical Statistics	80.00			

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Department of Physics

				Paper Impact in %	
Department of Physics	MASTER OF SCIENCE - PHYSICS	2	PHH 451	Mathematical Physics II	77.16
			PHH 452	Quantum Mechanics II	84.28
			PHH 453	Nuclear and Radiation Physics	79.66
			PHH 454	Condensed Matter Physics and Electronics	75.08
			PHE 455	Energy studies	85.31
			PHP 456	Physics Practicals III	78.75
			PHP 457	Physics Practicals IV	78.53
		4	PHH 551	Lasers Vacuum Techniques and Cryogenics	79.14
			PHH 552	Astrophysics and Relativity	64.16
			PHS 553	Condensed Matter Physics III	85.00
			PHS 554	Electronics III	86.04
			PHS 555	Nuclear Physics III	82.56
			PHS 556	Condensed Matter Physics IV	85.68
			PHS 557	Electronics IV	78.57
			PHS 558	Nuclear Physics IV	80.97
PHP 559	Project work	83.89			

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Department of Statistics

				Paper Impact in %	
Department of Statistics	MASTER OF SCIENCE - STATISTICS	2	STE 451	Statistical Method	69.38
			STH 452	Distribution Theory	75.36
			STH 453	Theory of Point Estimation	77.74
			STH 454	Econometrics	86.49
			STS 455	Actuarial Statistics	71.49
			STP 456	Practical III	85.54
			STP 457	Practical IV	75.89
		4	STH 551	Design and Analysis of Experiments	74.23
			STS 552	Operation Research	71.49
			STS 553	Statistical Finance	90.77
			STS 554	Financial Time Series	79.17
			STP 555	Practical VII	83.45
			STP 556	Project work	82.32

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Department of Human Consciousness and Yogic Science

				Paper Impact in %	
Department of Human Consciousness	MASTER OF SCIENCE - YOGIC SCIENCE	2	YSH451	Foundation of Yogic Science - II	84.61
			YSH452	Basics Relevant to Yogic Science - II	80.20
			YSH453	Basics of Integral Approach to Yogic Science - II	78.89
			YSH454	Human Biology - II	76.58
			YSP455	Kriyas and Asanas Practical - I	88.95
			YSP456	Asanas Practical - II	88.95
			YSE457	Yoga for Personal Health	100.00
		4	YSS551(a)	Scientific Studies in Yogic Science - I	84.13
			YSS552(a)	Scientific Studies in Yogic Science - II	88.82
			YSS553(a)	Scientific Studies in Yogic Science - III	90.13
			YSP554(a)	Practical -VII Advanced Practice	90.38
			YSP555(a)	Practical-VIII Instruments	83.75
			YSP556(a)	Dissertation / Project Work	90.63