



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		MANGALORE UNIVERSITY
Name of the head of the Institution		Prof. P. Subrahmanya Yadapadithaya
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		0824-2287347
Mobile no.		9663930777
Registered Email		vcmangaloreuniversity19@gmail.com
Alternate Email		registrarmangaloreuniversity@gmail.com
Address		Mangalagangothri
City/Town		Mangalore
State/UT		Karnataka
Pincode		574199
<b>2. Institutional Status</b>		

University	State
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Prof. Kishori Nayak K
Phone no/Alternate Phone no.	08242284648
Mobile no.	9342035991
Registered Email	iqacmangaloreuniversity61@gmail.com
Alternate Email	kknayak2012@gmail.com

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="https://mangaloreuniversity.ac.in/quality-assurance-report">https://mangaloreuniversity.ac.in/quality-assurance-report</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://mangaloreuniversity.ac.in/academic-calender-year-0">https://mangaloreuniversity.ac.in/academic-calender-year-0</a>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	Four Star	70.3	2000	17-Apr-2000	16-Apr-2005
2	A	3.09	2014	05-May-2014	04-May-2019

<b>6. Date of Establishment of IQAC</b>	23-Dec-2010
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### 7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Preparation of Self Study Report	16-Mar-2019 300	70

Submission of data to NIRF, UI Green Metric, QS Ranking, India Today Rankings	01-Jul-2019 300	60
Training program for teaching and non teaching staff for NAAC requirements	21-Aug-2019 9	279
Interdisciplinary Journals Review for forwardal to UGC CARE	28-Aug-2019 2	12
Submission of Annual Quality Assurance Report 2018-19	22-Oct-2019 180	40
Facilitating CAS promotions of teaching faculty.	03-Jun-2020 90	22
Core Committee/Sub-Committees to prepare AQAR 2019-20	10-Aug-2020 300	40
Online Student Feedback collection	16-Oct-2020 45	2158
Initiation of feedback collection from Parents, Alumni and Employer	03-Nov-2020 2	974

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**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Microbiology	VGST Scheme of CISEE	VGST Government of Karnataka	2019 1080	3000000
Physics	UGC-SAP	UGC	2015 1827	7000000
Physics	DST-FIST	DST	2018 1826	26400000
Applied Zoology	UGCSAP	UGC	2015 1827	10550000
Biosciences	DST-FIST	DST	2015 1827	9500000
Biosciences	UGC-SAP	UGC	2016 1827	6000000
Kannada	UGC-SAP	UGC	2016 1827	2900000
Marine Geology	DST-FIST	DST	2015 1827	10400000

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<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	18
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>
<ul style="list-style-type: none"> <li>• Preparation and Submission of AQAR</li> </ul>
<ul style="list-style-type: none"> <li>• Participation in Rankings</li> </ul>
<ul style="list-style-type: none"> <li>• Online collection, Analysis, and Action Taken Reports of all Stakeholders Feedback</li> </ul>
<ul style="list-style-type: none"> <li>• Application for NAAC Accreditation</li> </ul>
<ul style="list-style-type: none"> <li>• Internal quality promotion</li> </ul>
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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achivements/Outcomes
Online feedback from students	Successfully completed collection and analyzed
Interdisciplinary Journals Review Committee	Committee met and scrutinised journals for forwardal to UGC CARE
Core Committee/SubCommittee formation for preparation of AQAR 2019 20	AQAR 2019 20 finalized
Facilitating CAS promotions of teaching faculty.	CAS promotion interviews were held and eligible candidates promoted
Preparation and online Submission of AQAR report 2018 19	AQAR prepared and successfully submitted to NAAC

Preparation for Peer Team Visit	Scheduled Mock Peer Team committee visit to different departments for inspection of the working conditions in various departments/sections				
NAAC 3rd cycle of Accreditation	SSR Prepared and Submitted to NAAC				
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">University Syndicate</td> <td style="text-align: center;">27-Aug-2021</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	University Syndicate	27-Aug-2021
Name of Statutory Body	Meeting Date				
University Syndicate	27-Aug-2021				
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No				
<b>16. Whether institutional data submitted to AISHE:</b>	Yes				
Year of Submission	2020				
Date of Submission	28-May-2020				
<b>17. Does the Institution have Management Information System ?</b>	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	Mangalore University has effectively made use of the online affiliation portal, which is a major stride towards total digitization of Higher Education Processes by the Government of Karnataka. It has initiated ICT intervention in Management of Universities and has termed it University Management System. The Online Affiliation System for renewal of existing affiliation of courses and institutions as well as for fresh affiliations, has been implemented with the assistance of the National Informatics Centre. This module which is a single window system facilitates error free and speedy affiliation process. This College Affiliation System is a very useful plugin for the University Management System. This system has made provision for the colleges to upload data and documents on the Affiliation Portal and allows a choice among several types of affiliation. The data uploaded is then				

submitted to the scrutiny of the Local Inspection Committee for remarks and approval. On this portal, Colleges can view notifications sent by Universities and receive Affiliation Certificate following approval by the University and Government. This system has made the affiliation process simple, transparent and more efficient. The examination process is completely automated and the list of various e governance activities are given below:

- Online Examination Application
- Online Internal Assignment Marks Submission
- Computerized Examination Admission Ticket containing student photo, subject and exam date etc.
- Computerized Coding and Decoding of Answer Booklets using Bar Codes
- Computerized Result Processing and Result Hosting on University website
- Preparation of Computerized Marks Card and Ledger sheet
- Preparation of computerized students' convocation eligibility list
- Printing of Degree Certificates on nontearable, waterproof, chemicalproof and fireproof stationery.

Implementation of e governance in Finance and Accounts are as follows:

- Using Tally for day to day routine work
- All Government grants (UGC, ICSSR) through Public Financial Management System (PFMS).
- Salaries through Human Resource Management System (HRMS).
- Online Tax payments and issue of Form 16.
- GST/Overseas payments for PhD Thesis valuation, GIAN Course honorarium and travel expenses.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MA	EN	English	20/01/2020
MA	KN	Kannada	06/09/2019
MA	PS	Political Science	02/07/2020
PhD or DPhil	PLSPHD	Political Science	05/10/2019
MSW	SW	Social Work	02/11/2019
MA	SY	Sociology	13/07/2020
MSc	BC	Biochemistry	23/01/2020

MSc	EL	Electronics	27/09/2019
MSc	GY	Geography	18/01/2020
MSc	MG	Marine Geology	28/01/2020
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
Nill	Nill	Nill	KNS 504 Kannada Literature and Mass media(Employability)	01/07/2019
Nill	Nill	Nill	KNH 553 Kannada and Computer (Entrepreneurship)	01/07/2019
MSc	Cyber Security	27/09/2019	Nill	Nill
Nill	Nill	Nill	ENH 453 English Language: Structure and Usage (Employability, Skill development)	01/07/2019
Nill	Nill	Nill	ENS 553 Teaching of English as a Second Language (Employability, Skill development)	01/07/2019
Nill	Nill	Nill	ENSC 457(A) Shakespeare in Kannada Translation (Employability, Skill development)	01/07/2020
Nill	Nill	Nill	ENS 408 The early Indian novel (Skill development)	01/07/2020
Nill	Nill	Nill	HSS 404 Introduction to Archaeology, Epigraphy and Numismatics (Skill development)	01/07/2019

Nill	Nill	Nill	HSS 455 Art and Architecture of Karnataka to Ad 14th Century (Employability)	01/07/2019
Nill	Nill	Nill	KNS 503 Folklore Science: Fieldwork and Documentation (Skill development)	01/07/2019
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## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MCom	Commerce	01/07/2019
MBA	Business Administration	23/01/2020
MSc	Microbiology	01/07/2020
MSc	Mathematics	01/07/2019
MA	English	01/07/2020
MA	Political Science	01/07/2020
MA	Sociology	01/07/2020
MSc	Biochemistry	01/07/2020
MSc	Geography	01/07/2020
MSc	Marine Geology	01/07/2019
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### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MA	Economics	01/07/2019
MA	English	01/07/2019
MA	History	01/07/2019
MA	Kannada	01/07/2019
MA	Political Science	01/07/2019
MA	Journalism and Mass Communication	01/07/2019
MSW	Social Work	01/07/2019
MA	Sociology	01/07/2019
MSc	Applied Chemistry	01/07/2019
MSc	Biochemistry	01/07/2019
MSc	Biosciences	01/07/2019



MSc	Biotechnology	01/07/2019
MSc	Botany	01/07/2019
MSc	Chemistry	01/07/2019
MSc	Computer Science	01/07/2019
MCA	Computer Applications	01/07/2019
MSc	Electronics	01/07/2019
MSc	Cyber Security	27/09/2019
MSc	Environmental Science	01/07/2019
MSc	Food Science and Nutrition	01/07/2019
MSc	Geography	01/07/2019
MSc	Geoinformatics	01/07/2019
MSc	Human Consciousness & Yogic Science	01/07/2019
MSc	Industrial Chemistry	01/07/2019
MLibISc	Library and Information Science	01/07/2019
MSc	Marine Geology	01/07/2019
MSc	Materials Science	01/07/2019
MSc	Mathematics	01/07/2019
MSc	Medical Physics	01/07/2019
MSc	Microbiology	01/07/2019
MSc	Organic Chemistry	01/07/2019
MSc	Physics	01/07/2019
MSc	Statistics	01/07/2019
MSc	Zoology	01/07/2019
MBA	Business Administration	16/09/2019
MBA	Tourism & Travel Management	01/07/2019
MCom	Commerce	01/07/2019
MCom	Human Resource Development	01/07/2019
MEd	Education	01/07/2019
MPed	Physical Education	01/07/2019

### 1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Ten days Research Methodology Course for MPhil/PhD/PDF Scholars in Social Science	04/03/2020	11
Seven Days National Level Skill Development	27/01/2020	65

workshop on Data Analysis and Personality Development (Department of Master of Business Administration (MBA))		
Training in Yakshagana Dance	11/10/2019	32
GIAN Course on Neuropeptides in socio-emotional behaviour: From health to disease (Department of Biotechnology)	02/07/2019	27
Contemporary Finance Tools	10/06/2019	42
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### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Biotechnology	24
MA	Economics	38
MA	History	28
MA	Kannada	28
MA	Journalism and Mass Communication	16
MSW	Social Work	113
MA	Sociology	15
MSc	Applied Chemistry	32
MSc	Biochemistry	37
MSc	Biosciences	13
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### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
The University collects feedback from five stakeholders, viz., Students, Alumni, Faculty, Employers and Parents. The University has evolved a structured Student Feedback System, an in-house developed, dedicated software written to collect online feedback based on the UGC format. The attributes are given

relative weightages and the aggregate performance index is named 'Performance Rating'. Analysis is based on the UGC pattern of grade points A, B, C and D with corresponding weightage. A composite index has been prepared. The annual feedback questionnaire pertains to curriculum, the student's engagement with it, and focuses on Programme parameters such as depth of course content, extent of coverage, materials provided, broader prospects, advanced domain-specific knowledge, skill development, including learning experience, outcomes and overall deliverables of each course. The course index of the programme was named as 'Course Impact'. When it comes to individual courses of a programme there is a consistency in its aggregate index. The University also has a structured Faculty Feedback System, developed in-house, to obtain online feedback. It uses logical software language-based code to autogenerate a feedback report, about drafting of course content and learning objectives, deliverables of learning outcomes, the connect to industry and employability, teaching, relevance to competitive exams, skill development, and ICT facilities for teaching-learning outcomes. This has been used by the University to augment teacher performance through an ICT-enabled campus, facilitating access to e-content across international databases. Alumni feedback collected offline contains information on various attributes of the curriculum such as rating of course contents in relation to employment, industry-readiness, real-life experiences, academic initiatives etc. Suggestions given by alumni regarding improvement of teaching-learning process, need for change in curriculum, have helped to evolve strategies towards enabling students to become more academically-sound, professionally-competent and socially-responsible. The analysis of feedback report and actions taken thereof have led to curricular improvements. Employer and parent feedbacks were obtained through email. Parents were asked to provide feedback on the academic ambience including curricular content and coverage, reading material available, wifi/ICT facilities provided to improve learning outcomes and overall impact on their wards. From employers, we sought to know the attainment of attributes such as domain knowledge, creativity, technical/job-specific skills, communication skills, teamwork and group discussion, problem solving, lifelong learning, aptitude, motivation etc. Through this, we are able to assess teaching-learning outcomes and attainment of course/program outcomes. Feedback helps in continuous recalibration of the syllabi and course contents and helps in the overall improvement of all the programs. The feedback reports are analysed and department-wise Action Taken Reports (ATR) taken, such that the feedback report pertaining to curriculum and various parameters of individual course contents are re-channelled into the curriculum through improvement of academic facilities. The feedback analysis reports and ATRs are also placed in the Syndicate periodically and appropriate measures towards overall development of the institution are taken. As a result, several new courses/programmes following globally and locally relevant trends have been introduced.

## **CRITERION II – TEACHING- LEARNING AND EVALUATION**

### **2.1 – Student Enrolment and Profile**

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MA	Economics	70	18	18
MA	English	32	33	28
MA	History	42	13	10
MA	Kannada	42	19	17
MA	Journalism and Mass	33	37	16

	Communication			
MA	Political Science	50	17	8
MSW	Social Work	63	67	55
MA	Sociology	36	11	6
MSc	Applied Chemistry	32	205	29
MSc	Biochemistry	28	108	32
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## 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	Nil	2158	Nil	126	Nil

## 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
126	116	6	73	14	27

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

The university caters to the needs of students from diverse backgrounds and geographic locations, including international students. The departments are committed to satisfy the academic needs of the students and help in their overall development. Special efforts are made to reach out to their learning needs by initial assessment of their learning levels, by way of tests/discussions. Mentors are assigned to all the students at the beginning of the programme, who make themselves available to the mentees as needed. The mentees usually approach the mentors with academic, financial, social and psychological issues. Mentoring initiatives are taken up to help students cope with language, stress and related matters and find a balance between academic development and personal sustainability. Mentors also monitor the progress of the student from time to time till the completion of the programme. In case of subjects where internship/project/field study is mandatory, the students will be guided appropriately by the mentor to carry out this component of the programme without hurdles. The mentors also prepare the students for the examinations by providing moral support. In addition to a 'teacher mentor' in the individual departments, the services of a counsellor is made available to the students at the University Health Centre. On completion of the programme, students are also helped to take up higher studies or employment by providing them the necessary awareness of the opportunities available. Explicit efforts are made to ensure that, on completion of the programme, students acquire requisite knowledge in the subject, skills, right attitude and capability to lead a good life. Thus, the university ensures that the graduates possess necessary professional competence with strong ethical values so that they become responsible citizens of the society. During the tough time of COVID-19 pandemic, COVID-19 related information was furnished to students through university web portal. The students were counselled to remain calm, free of anxiety and stress through several radio and TV programs by the Vice Chancellor. Students were assured of continued and uninterrupted teaching-learning process through online platforms and rescheduling of academic calendars. Several phone-in programs were

aired and telecast wherein the Vice Chancellor answered queries of students regarding academic matters. The strategies to navigate through stress and anxiety during the pandemic and to remain positive were presented to students by the Vice Chancellor, who is himself a trained counsellor and Human Resources specialist, through online platforms. Awareness was created regarding the guidelines of UGC for conduct of examination, guidelines issued by the Government of India on COVID-19 action plan etc through media. Examination centres, were provided for students in their own states like Jammu and Kashmir, Manipur, Lakshadweep, Uttar Pradesh, Madhya Pradesh, Jharkhand, Chattisgarh, Goa and even in other countries like Sri Lanka, Bhutan, and Fiji, as an extraordinary pandemic measure. Special examinations too were held for those who could not take examinations initially due to pandemic situation. Thus, the University ensured effective mentoring and enabled the stress management of the students during Covid-19.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2158	126	1:17

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
174	114	60	Nil	104

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. K. R. Sridhar	Professor	Lifetime Achievement Award by Mycological Society of India, Chennai
2019	Dr. Monika Sadananda	Professor	Research Publication Reviewer Awards from Elsevier Reviewer - 3 Nos. (Behavioural Brain Research, Brain Research, Progress in Neuro-Psychopharmacology Biological Psychiatry)
2019	Dr. Jagadeesh Prasad D	Professor	Research Publication Reviewer Awards from Elsevier Reviewer - 3 Nos. (Chemical Data Collection, Elsevier Journal of Molecular Structure)
2019	Dr. K. Krishna	Professor	Lifetime

	Sharma		Achievement Award (2nd International Scientist Awards on Engineering, Science and medicine) from VDGGOOD Professional Association, Vishakapatnam, India
2019	Dr. Kishori P Narayankar	Assistant Professor	Bharat Vikas Award from Institute of Self Reliance, Bhubaneswar
2019	Dr. M. Jayashankar	Professor	State Level Best Teacher Award from Microbiologists Society, India
2019	Dr. Dhananjaya Kumble	Assistant Professor	Mayuravarma Sahithya Award from Kannada Sahithya Parishath, Bengaluru
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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MA	EC	1	09/12/2019	24/02/2020
MA	EC	3	13/12/2019	24/02/2020
MA	EC	4	25/09/2020	07/12/2020
MA	EN	1	12/12/2019	26/05/2020
MA	EN	3	16/12/2019	26/05/2020
MA	EN	4	25/09/2020	24/11/2020
MA	HS	1	13/12/2019	20/02/2020
MA	HS	3	11/12/2019	20/02/2020
MA	HS	4	23/09/2020	31/12/2020
MA	KN	1	11/12/2019	19/02/2020
<a href="#">View File</a>				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	Nil	0

## 2.6 – Student Performance and Learning Outcomes

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

<https://mangaloreuniversity.ac.in/cbcs-pg-syllabus>

### 2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
EC	MA	Economics	37	37	100
EN	MA	English	29	27	93.1
HS	MA	History	9	9	100
KN	MA	Kannada	16	16	100
JM	MA	Journalism and Mass Communication	16	16	100
PS	MA	Political Science	16	16	100
SW	MSW	Social Work	33	33	100
SY	MA	Sociology	16	15	93.8
AC	MSc	Applied Chemistry	32	32	100
BC	MSc	Biochemistry	19	19	100

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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://mangaloreuniversity.ac.in/students-satisfaction-survey>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
Nil	Nil	Nil	Nil	Nil

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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
UGC-JRF (Name of the Fellow: Navyashree S)	1095	UGC/HRD, Govt. of India

National Fellowship and Scholarship for Higher Education of ST Students (Name of the Fellow: Dharmaraya Balappa Hawaldar)	1825	Ministry of Tribal Affairs, Govt. of India
CSIR-NET (Name of the Fellow: Karunya Shetty S)	1825	Council of Scientific Industrial Research - New Delhi
UGC-JRF (Name of the Fellow: Akshaya Pai)	1825	UGC/HRD, Govt. of India
UGC-JRF (Name of the Fellow: Akshata Pai)	1825	UGC/HRD, Govt. of India
UGC-JRF (Name of the Fellow: Sanjoop K P)	1825	UGC/HRD, Govt. of India
Post-Doctoral Fellowship (Name of the Fellow: Mamatha K.V.)	365	Kerala Council for Historical Research - Kerala
UGC-JRF (Name of the Fellow: Shivakumara M.C.)	1460	Ministry of Tribal Affairs, Govt. of India
UGC-JRF (Name of the Fellow: Raghavendra S)	1460	Ministry of Tribal Affairs, Govt. of India
UGC-JRF (Name of the Fellow: Ramesh)	1460	Ministry of Tribal Affairs, Govt. of India
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### 3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1825	Ramalingaswami Re-entry Fellowship, Department of Biotechnology	133.99	18.6
Major Projects	1460	DST - SERB	46.71	0
Major Projects	1095	BRNS-DAE	30.55	0
Major Projects	1095	VGST	30	10
Major Projects	1095	BRNS-DAE	27.9	0
Major Projects	1095	DST-SERB	27.23	3.8
Major Projects	1095	DST-SERB	40.23	25.5
Major Projects	1095	DST-SERB	43.23	26.16



Major Projects	1095	Inter-University Accelerator Centre (IUAC)	9.75	2.14
Major Projects	1095	DST-SERB	38.86	0
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### 3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
National Workshop on Data Analytics using SPSS	Mangalore University Incubation Centre (MUIC)	26/09/2019
Workshop on Cyber Security	Mangalore University Incubation Centre (MUIC)	23/01/2020
Skill Development Workshop on Data Analysis and Personality Development	Business Administration	27/01/2020
Workshop on Internet of Things (IOT)	Mangalore University Incubation Centre (MUIC)	29/01/2020
Workshop on Artificial Intelligence using Python	Mangalore University Incubation Centre (MUIC)	02/04/2020
Workshop on Open Stack	Mangalore University Incubation Centre (MUIC)	09/04/2020
Workshop on SPSS	Mangalore University Incubation Centre (MUIC)	16/04/2020
International Webinar on Commerce trends during COVID-19	Commerce	10/07/2020
Online Course on Artificial Intelligence using Python	Mangalore University Incubation Centre (MUIC)	28/09/2020
International Webinar on Nanomaterials and Flexible Electronics	Mangalore University Incubation Centre (MUIC)	15/10/2020
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Concept selling Idea: Natural Sippers and Stirrers Sip Nature Through Nature (Best Paper Award).	Dr. Preethi Keerthi Dsouza	St Agnes College, in Association with JCI Mangalore and AI Logics Mangalore	28/02/2020	Teacher
Phytochemical	Ms. Akshaya	Sree Narayana	12/02/2020	Research

and Antioxidant studies on Methanolic Extract of Fruit of Flacourtia Jangomas (Lour) Raeusch - (First Prize in Oral Paper Presentation)	Pai	Guru College, Coimbatore - International Conference on Contriving Therapeutic Drugs from Medicinal Plants		Scholar
Award for Research Publication (ARP-VGST)	Prof. B.K. Sarojini	Vision Group of Science Technology (VGST), Govt. of Karnataka	09/11/2020	Teacher
Experimental and Simulation Study of Effects in Etched Patch Antenna with Multi Slots (Best Paper Award).	Dr. Ambresh Ambalgi	Ansal University, Gurgaon	30/07/2020	Teacher
Analysis of 8.71GHz Operated Gold Nanoparticles based Multi-Slotted Patch Antenna etched on Epoxy Dielectric Material (Best Paper Award).	Dr. Ambresh Ambalgi	Mangalam College of Engineering - Kerala - 5NANO 2020	23/07/2020	Teacher
Impact of Urbanization on wasp diversity (Best Oral Paper award).	Mr. Kiran Vati K	Raje Ramrao Mahapidayalaya, Sangli, Maharashtra	05/06/2020	Research Scholar
Best Poster award	Mr. Nagarjuna P	Sathyabama Institute of Science and technology (Deemed to be University)	18/09/2019	Research Scholar
Design, Modeling and Experimental Study of GHz Patch Antenna Coated with Conductive layer of nanomaterial	Dr. Ambresh Ambalgi	Institute of Engineering Technology For Women, Mysuru	15/12/2020	Teacher

for Enhanced Characteristics with Defected Ground Structure in Communication Network Applications (Best Paper Award).				
Effects of single and double wide slots on Microstrip Patch Antennas char using Direct contact Probe feed Exc with Broadsided Radiation (Best Paper Presenter).	Dr. Ambresh Ambalgi	Convergence 2020-Role of engineers in Innovation and Technological Advancement	20/03/2020	Teacher
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### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Incubation Centre for developing manpower in computer and software technologies	Mangalore University Incubation Centre	IBM India Pvt. Ltd. and NCS India	Mangalore University Incubation Centre	Imparting training to students on cyber security, Internet of Things (IoT) and SPSS statistical software	01/04/2019
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### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Economics	8
English	1
History	2
Kannada	2
Mass Communication and Journalism	1
Social Work	7
Sociology	2
Applied Botany	6

Applied Zoology	5
Biochemistry	2
Biosciences	6
Chemistry	22
Computer Science	2
Library and Information Science	6
Marine Geology	2
Materials Science	1
Microbiology	1
Physics	7
Statistics	2
Business Administration	1
Commerce	7
Education	7
Physical Education and Sports	4

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	English	1	0
National	Kannada	11	0
National	Sociology	1	0
National	Applied Botany	3	0
National	Applied Zoology	5	0.45
National	Biochemistry	1	0.78
National	Biosciences	14	0
National	Chemistry	2	0.27
National	Industrial Chemistry	2	1.32
National	Library and Information Science	2	0

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#### 3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Biosciences	14
Biochemistry	7
Applied Botany	1
Applied Zoology	2
Social Work	6
Political Science	1
Kannada	9

History	1
English	2
Economics	2
<a href="#">View File</a>	

#### 3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
A Rectangular Microstrip Antenna Design Using Low-Cost Fr4 Dielectric Material	Published	201941038050 A	27/09/2019
Design Patent - A Antenna Design Using Low-Cost Fr4 Dielectric Material	Filed	322939-001	Nil
Amino acid derived 5-pyrazolyl methylidene rhodanine carboxylic acids as selective sirtuin-1 lysine deacetylase inhibitors	Filed	TEMP/E-1/5827/2	Nil
1,2-Disubstituted benzimidazolyl amino acids as selective sirtuin-1 lysine deacetylase inhibitors	Filed	TEMP/E-1/ TEMP/	Nil
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#### 3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Synthesis and characterization of Zinc oxide nano particles utilizing seed source of Ricinus communis and study of its antioxidant, antifungal	Shobha, N. Nanda, N. Giresha, Aladahalli Shivanna Manjappa, Praveen Sophiya, P. Dharmappa, K. K. Naga bhushana, B. M.	Materials Science Engineering C- Materials for Biological Applications	2019	27	Mangalore University	15

and anticancer activity						
Two neoteric pyrazole compounds as potential anti-cancer agents: Synthesis, electronic structure, physico-chemical properties and docking analysis	Thomas, Renjith Mary, Y. Sheena Resmi, K. S. Narayana, B. Sarojini, B. K. Vijayakumar, G. Van Alsenoy, C.	Journal of Molecular Structure	2019	41	Mangalore University	10
Global patterns and drivers of ecosystem functioning in rivers and riparian zones	Peeters, Edwin T. H. M. Pozo, Jesus Pringle, Catherine Prussian, Aaron Quenta, Estefania Quesada, Antonio Reid, Brian Richardson, John S. Rigosi, Anna Rincon, Jose Risno veanu, Geta Robinson, Christopher T. Rodriguez-Gallego, Lorena Royer	Science Advances	2019	56	Mangalore University	20
An online resource for marine fungi	Jones, E. B. Gareth Pang, Kallai Abdel-Wahab,	Fungal Diversity	2019	61	Mangalore University	30

	Mohamed A. Scholz, Bettina Hyde, Kevin D. Boekhout, Teun Ebel, Rainer Rateb, Mostafa E. Henderson, Linda Sakayaroj, Jariya Suetrong, Satinee Dayarathne, Monika C. Kumar, Vinit Raghukumar, Ses					
Barium titanate nanostructures for photocatalytic hydrogen generation and photodegradation of chemical pollutants	Karthik, K. V. Reddy, Ch. Venkata Reddy, Kakarla Raghava Ravishankar, R. Sanjeev, Ganesh Kulkarni, Raghavendra V. Shetti, Nagaraj P. Raghu, A. V.	Journal of Materials Science-Materials in Electronics	2019	64	Mangalore University	22
Characterization, antioxidant and antimicrobial activity of silver nanoparticles synthesized using marine endophytic fungus- Cladosporium cladosporioides	Hulikere, Manjunath M. Joshi, Chandrashekar G.	Process Biochemistry	2019	36	Mangalore University	10

Synthesis and spectroscopic study of two new pyrazole derivatives with detailed computational evaluation of their reactivity and pharmaceutical potential	Thomas, Renjith Mary, Y. Sheena Resmi, K. S. Narayana, B. Sarojini, S. B. K. Armakovic, Stevan Armakovic, Sanja J. Vijayakumar, G. Van Alsenoy, C. Mohan, B. J.	Journal of Molecular Structure	2019	35	Mangalore University	9
Determination of Riboflavin at Carbon Nanotube Paste Electrodes Modified with an Anionic Surfactant	Tigari, Girish Manjunatha, Jamballi G. Raril, Chenthatil Hareesha, Nagarajappa	Chemistryselect	2019	35	Mangalore University	15
Modified chitosan gel incorporated with magnetic nanoparticle for removal of Cu(II) and Cr(VI) from aqueous solution	Anush, S. M. Vishalakshi, B.	International Journal of Biological Macromolecules	2019	31	Mangalore University	14
Review-Biomass Derived Carbon Materials for Electrochemical Sensors	Bhat, Vinay S. Supriya, S. Hegde, Gurumurthy	Journal of the Electrochemical Society	2019	30	Mangalore University	13
<a href="#">View File</a>						

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the	Name of	Title of journal	Year of	h-index	Number of	Institutional
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Paper	Author		publication		citations excluding self citation	affiliation as mentioned in the publication
Barium titanate nanostructures for photocatalytic hydrogen generation and photodegradation of chemical pollutants	Karthik, K. V. Reddy, Ch. Venkata Reddy, Kakarla Raghava Raghavishankar, R. Sanjeev, Ganesh Kulkarni, Raghavendra V. Shetti, Nagaraj P. Raghu, A. V.	Journal of Materials Science-Materials in Electronics	2019	22	22	Mangalore University
An online resource for marine fungi	Jones, E. B. Gareth Pang, Kailai Abdel-Wahab, Mohamed A. Scholz, Bettina Hyde, Kevin D. Boekhout, Teun Ebel, Rainer Rateb, Mostafa E. Henderson, Linda Sakayaroj, Jariya Suetrong, Satinee Dayarathne, Monika C. Kumar, Vinit Raghukumar, Ses	Fungal Diversity	2019	22	30	Mangalore University
Global patterns and drivers of ecosystem functioning in rivers and	Peeters, Edwin T. H. M. Pozo, Jesus Pringle, Catherine Prussian,	Science Advances	Null	22	20	Mangalore University

riparian zones	Aaron Quenta, Estefania Quesada, Antonio Reid, Brian Richardson, John S. Rigosi, Anna Rincon, Jose Risno veanu, Geta Robinson, Christopher T. Rodriguez-Gallego, Lorena Roye					
Quinoline derivatives as possible lead compounds for anti-malarial drugs: Spectroscopic, DFT and MD study	Suresh Kumar, Bhaskaran Mary, Yohannan Sheena Panicker, Chacko Yohannan Suma, Soma sekharan, Armakovic, Stevan Armakovic, Sanja J. Van Alsenoy, Christian Narayana, Badiadka	Arabian Journal of Chemistry	2020	22	16	Mangalore University
Two neoteric pyrazole compounds as potential anti-cancer agents: Synthesis, electronic structure, physico-chemical properties	Thomas, Renjith Mary, Y. Sheena Resmi, K. S. Narayana, B. Sarojini, B. K. Vijayakumar, G. Van Alsenoy, C.	Journal of Molecular Structure	2019	22	10	Mangalore University

and docking analysis						
A simple approach for the electrochemical determination of vanillin at ionic surfactant modified graphene paste electrode	Raril, C. Manjunatha, J. G.	Microchemical Journal	2020	22	14	Mangalore University
Characterization, antioxidant and antimicrobial activity of silver nanoparticles synthesized using marine endophytic fungus- Cladosporium cladosporioides	Hulikere, Manjunath M. Joshi, Chandrashekar G.	Process Biochemistry	2019	22	10	Mangalore University
Synthesis and spectroscopic study of two new pyrazole derivatives with detailed computational evaluation of their reactivity and pharmaceutical potential	Thomas, Renjith Mary, Y. Sheena Resmi, K. S. Narayana, B. Sarojini, S. B. K. Armakovic, Stevan Armakovic, Sanja J. Vijayakumar, G. Van Alsenoy, C. Mohan, B. J.	Journal of Molecular Structure	2019	22	9	Mangalore University
Determination of Riboflavin at Carbon	Tigari, Girish Manjunatha, Jamballi	Chemistryselect	2019	22	15	Mangalore University

Nanotube Paste Electrodes Modified with an Anionic Surfactant	G. Raril, Chenthatil 1 Hareesha, Nagarajappa					
Green synthesis of zinc oxide nano particles from the leaf, stem and in vitro grown callus of Mussaenda frondosa L.: characterization and their applications	Jayappa, Manasa Dogganal Ramaiah, Chandrashekar Konambikumar, Masineni Allapuramiah Pavan Suresh, Doddavenkanna Prabhu, Ashwini Devasya, Rekha Punc happady Sheikh, Sana	Applied Nanoscience	2020	22	7	Mangalore University
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### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	19	31	5	2
Presented papers	10	12	3	1
Resource persons	13	7	3	9
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### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Centre for Advanced Research in Environment Radioactivity (CARER)	Measurement of indoor radon in the work places	Goldman Sachs, Bangalore (through ERM)	295000
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#### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

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

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
An Inter Collegiate Debate Competition about Ambigara Chowdaiah	Sri. Ambigara Chowdaiah Adhyayana Peetha and University College, Mangalore	4	50
Ambigara Chowdaiahnavra Vachanagalali Samajika Sudharaneya Parikalpane.	Sri. Ambigara Chowdaiah Adhyayana Peetha, Mangalore University and Sri. Buvanendra College, Karkala	3	40
Ambigara Chowdaiahnavra Vachanagalali Guru Tatvada Nelegalu	Sri. Ambigara Chowdaiah Adhyayana Peetha, Mangalore University and First Grade goverment college, Hiriyaadka	2	60
Ambigara Chowdaiahnavra Vachanagalali Dambikatheya Vidambane	Sri. Ambigara Chowdaiah Adhyayana Peetha, Mangalore University and Dr. Shivarama Karantha First Grade goverment college, Bellare	1	45
Field work (Information about former and fishing was collected through interview and photography)	Sri. Ambigara Chowdaiah Adhyayana Peetha, Mangalore University and Ermal Padukere, Udupi	2	30
Vachana Viveka - State Level Conference	Sri. Ambigara Chowdaiah Adhyayana Peetha, Mangalore University and Alvas College, Moodabidri	2	50
Nambigara Ambiga Drama	Sri. Ambigara Chowdaiah Adhyayana Peetha, Mangalore University and Indira Madhava Vidyarthi Mandira	1	95

	Baikampady, Mangalore.		
Ambigara Chowdaiahnavara Vachanagalalli Vaicharikathe	Sri. Ambigara Chowdaiah Adhyayana Peetha, Mangalore University and First Grade Government College, Belthangadi	1	80
Ambigara Chowdaiahnavara vachanagalali Sthri	Sri. Ambigara Chowdaiah Adhyayana Peetha, Mangalore University and First Grade Government College, Kanyana	1	60
Ambigara Chowdaiahnavara vachanagalali Samskrthika Nirvachana	Sri. Ambigara Chowdaiah Adhyayana Peetha, Mangalore University and Upendra Memorial College, Kunjibettu, Udupi.	2	70
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Nil	Nil	Nil	Nil
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat	Mangalore University, Man galagangothri	Swachh Bharat	12	63
Election -Voting Awareness Programme	Political Science Department, Mangalore University	Voting Awareness Programme	5	70
Empowering people and ensuring inclusiveness and equality	United Nations Volunteers Mangalore University	UN International Volunteer Day-2019	5	100
Mahathma Gandhiji 150th Birth	Mangalore University, Man galagangothri	Swachh Bharath	3	88

Anniversary Celebration				
Swachh Bharat Abhiyan	Ullal Town Panchayat, Ullal	Cleaning the Beach Side	5	75
Swachh Bharat	PG Centre, Chikka Aluvara	Swachh Bharat	9	84
Health Awareness Programme	Yenepoya Medical College, Deralakatte, Karnataka	Cancer and firstaid awareness	2	43
Gender Champions Training Manual	Centre for Women's Studies, Mangalore University	Workshop on Gender Champions Training Manual	1	15
Gender and Law Workshop	Centre for Women's Studies, Mangalore University	Gender and Law Workshop	1	65
Empowering Girls through Self - Defence Workshop	Centre for Women's Studies, Mangalore University	Empowering Girls through Self - Defence Workshop	1	86
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### 3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Collaborative Research	Research Team from KS Hegde Medical Academy	ICMR Project	60
Collaborative Research Project - BRNS	Dr. U. N. Das, Bioscience Research Lab, GVP Institutions, Vizag	DAE-BRNS	1460
Collaborative Research	Research Team from Department of Physiology, KSHEMA, Nitte (Deemed to be University), Deralakatte, Mangalore	Nitte (Deemed to be University), Deralakatte, Mangalore	90
Collaborative Research	Teachers and Research Scholars	University of Seville, Spain	3650
Collaborative Research	Teachers and Research Scholars	National Centre for Nuclear Sciences and Technology Tunisia	1460

Collaborative Research	Teachers and Research Scholars	Indian Institute of Technology - Bombay	2920
Collaborative Research	Teachers and Research Scholars	Environmental Survey Laboratories at Kaiga and Tarapur	4745
Collaborative Research	Teachers and Research Scholars	Bangalore University	3650
Collaborative Research	Teachers and Research Scholars	Indira Gandhi Centre for Atomic Research	1095
Collaborative Research	Research Team from Father Muller Homoeopathic College	Father Muller Homoeopathic College	60
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Project Work	Student Research Project	Centre for Spices Research	01/05/2019	01/06/2019	Nandana C T
Project Work	Student Research Project	Centre for Spices Research	01/05/2019	01/06/2019	Ahalya P
Project Work	Student Research Project	Rajiv Gandhi Centre for Biotechnology , Trivandrum	01/05/2019	01/07/2019	Harshitha
Project Work	Student Research Project	Rajiv Gandhi Centre for Biotechnology , Trivandrum	01/05/2019	01/07/2019	Aathira Suhas
Project Work	Sharing of the research facilities	National Centre for Biological Sciences (NCBS ) , Bangalore	06/02/2019	12/02/2019	Deepak Naik
Project Work	Industrial Training	Micro Labs Limited API Division, Bangalore	01/06/2019	01/07/2019	Adithi Hebbar



		Karnataka			
Project Work	Student Research Project	KLE Society, Belgaum	01/05/2019	01/07/2019	Preethi Khandagale
Project Work	Student Research Project	KS Hegde Medical Academy, Nitte deemed to be University	01/05/2019	01/07/2019	Prateeksha
Project Work	Student Research Project	KS Hegde Medical Academy, Nitte deemed to be University	01/05/2019	01/07/2019	Maithri
Project Work	Student Research Project	Yenepoya Research Centre, Yenepoya deemed to be University	01/05/2019	01/07/2019	Vijayalakshmi Krishna Shetty
<a href="#">View File</a>					

3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Vivekananda college of Engineering, Puttur	24/04/2019	Students project works , Collaboration in Govt. projects, setting up of Remote Sensing and GIS Laboratories, mutual exchange of technical input	5
NITTE (Deemed to be University), Deralakatte, Mangalore	09/08/2019	Research Activity and sharing Facility	30
Alvas Institute of Engineering and Technology, Moodbidri	23/08/2019	Students project works , Collaboration in Govt. projects, setting up of Remote Sensing and GIS Laboratories, mutual exchange of technical input	5
Institute of Radiation Emergency Medicine, Hirosaki	19/09/2019	Conducting joint research activities	6

University, Japan			
Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam	16/01/2020	Baseline studies around IGCAR Kalpakkam	8
ACE Foods Private Limited, Yeyyadi, Mangalore	30/06/2020	Skill development for Food microbiologist training and placement	20
Translational Health Science and Technology Institute, Haryana	02/07/2019	Collaboration for a project - exchange of information, Material, to carry out research	2
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## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1635	226.77

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Newly Added
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### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KOHA	Fully	17.11.00.001	2018

#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	138085	34313056	2427	2285145	140512
Reference Books	14385	1196612	56	76312	14441	1272924
e-Books	Nil	Nil	262	380000	262	380000
Journals	24428	382558108	198	1023938	24626	383582046
e-Journals	46042	113393	Nil	Nil	46042	113393
Digital Database	3	1364930	Nil	Nil	3	1364930
CD & Video	371	33050	Nil	Nil	371	33050
Library Automation	1	82000	Nil	Nil	1	82000
Others(s pecify)	557	333309	326	272066	883	605375
Others(s pecify)	4320	3031704	257	229999	4577	3261703

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nil	Nil	Nil	Nil
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#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidt h (MBPS/ GBPS)	Others
Existin g	913	25	897	4	1	2	1	1024	0
Added	188	0	188	0	0	0	0	0	0
Total	1101	25	1085	4	1	2	1	1024	0

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

1024 MBPS/ GBPS

##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and

	recording facility
Audio visual centre	<a href="https://youtu.be/UP2t31MlCgA">https://youtu.be/UP2t31MlCgA</a>
Mixing equipment's and software's for editing	<a href="https://youtu.be/UP2t31MlCgA">https://youtu.be/UP2t31MlCgA</a>

#### 4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
337.5	195.52	1281.75	276.54

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

The university has various physical, academic and support facilities such as buildings, classrooms, seminar halls, laboratories, instrumentation rooms, office rooms, laboratory equipment, computers and accessories, teaching aids, sports materials, museums, animal house, gardens, horticulture facility, electrical and water supply etc. Every year the university makes sufficient budgetary provision for the maintenance and utilizes this grant for the maintenance of the above facilities. Engineering Division is responsible for overseeing the maintenance of all the facilities. Repair and maintenance of the roads, footpaths, water supply, sanitation, water coolers and purifiers, geysers, overhead roof tanks, drains, round-the-clock electricity services, solar energy appliances and civil maintenance works are carried out by the engineering division. The maintenance of equipment in the central facilities, departments and other centres is undertaken by University Science Instrumentation Centre (USIC). The maintenance/repair of equipment in the departments is undertaken by the concerned Chairperson through Annual Maintenance Contract (AMC) or on-call basis following due procedures. Maintenance of IT infrastructure like Wi-Fi facility, Network and CCTV Surveillance System is carried out under AMCs overseen by the Director of the Computer Centre. This process takes place via e-tendering following University norms. Similarly, sports facilities are maintained by the Directorate of Physical Education. Outside users are required to pay user-fees for the facilities and the funds generated, paid to the university. Facility-wise daily Log-books are maintained so that the utilization level is monitored. The green initiatives of the University are carried out by the estate officer and University Green Audit Committee. Maintenance of the horticulture facilities - trees, plants, hedges, flower pots, gardens, lawns, landscaping, planting saplings, clearing grass and vegetation - is outsourced by engaging required number of employees under the supervision of a horticulture expert and Estate Officer in association with the engineering division. The estate section maintains the records pertaining to the properties of the University. With the help of required number of outsourced guards, 24x7 security services are provided by the Estate Officer, through the procedure laid down by the University. The University endeavor to ensure optimal utilization of its classrooms, laboratories, computer labs and sports facilities. Scientific equipment in the central laboratories are made available for the users of other institutions on nominal charges. Some facilities like library, sports, auditorium, conference halls and sports complex are also available beyond working hours and on holidays. Apart from bonafide students of the university, scholars from other institutes and wards of university employees also use the services. The head of the concerned department is responsible for the optimal

utilization of the Labs. Computer Centre ensures the best use of the computing facility by issuing guidelines.

<https://mangaloreuniversity.ac.in/sites/default/files/2021/4.4.2%20Procedures%20and%20policies%20for%20maintaining%20and%20utilizing%20physical.%20academic%20and%20support%20facilities.pdf>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Ph.D Fellowship/Contingency, Attending of Conference, Post Metric Scholarship provided by Department of Social Welfare (Govt of Karnataka), Extra Boarding and Lodging Expenses to Hostels, Dissertation/Project work, Study Tour	923	37309400
Financial Support from Other Sources			
a) National	Rajiv Gandhi National Fellowship(RGNF), National Fellowship and Higher Education of ST students (NFST), Jindal, Directorate of Minorities, Govt. of Karnataka, CSIR, DST KSTePS, JRF/SRF, UGC CPEPA Fellowship, DST Inspire, DST SERB, ICCR	172	33126202
b) International	Embassy of the Federal Democratic Republic of Ethiopia	19	1247090

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
International Yoga Day	21/06/2019	80	Department of Human Consciousness Yogic Sciences,

			Mangalore University
Two day National Level Skill Development Workshop on SciLab.	15/07/2019	52	Department of Mathematics, Mangalore University
Training in handling of radiation sources, instruments used for radiation treatment	15/07/2019	24	Medical Physics Division, Mangalore University and A J Hospital and Research Centre and Mangalore Institute of Oncology
Three days conference on Kannada grantha Sampadane: Hosa Chinthanegalu	08/08/2019	113	Department of Kannada, Mangalore University and Classical Kannada Centre Mysuru
Commerce Association Commerce Association - Special Lecture	20/08/2019	272	Department of Commerce, Mangalore University
Yakshamangala Pracharopanyasa Maalike	21/08/2019	150	Dr. Dayananda Pai and Sri. P. Sathish Pai Yakshagana Study Centre Mangalagangothri
National Sports - Special Lecture Programme	29/08/2019	150	Department of Physical Education, Mangalore University
Course on Biostatistics for Biologists	01/09/2019	19	Department of Biosciences (Biotechnology Programme) and Nitte Deemed to be University
National Nutrition Week-2019	03/09/2019	350	Department of Biosciences (Food Science and Nutrition Programme), Mangalore University
One day workshop on Recaptivating Requisites for Professional Social Work.	07/09/2019	35	Department of Post Graduate Studies Research Social Work, Mangalore University with collaboration of Lions Club Mangalore.

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Pre exam training Coaching for NET/SLET/JRF	520	Nil	60	Nil
2019	Pre exam training Coaching for IBPS	259	Nil	Nil	Nil
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	6

**5.2 – Student Progression**

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Syngene International Limited, Bangalore-Indegene Private Limited Bangalore-GVK Biosciences Private Limited Bangalore-Syngenta Private Limited Pune Maharashtra-Anthem Biosciences Private Limited Bangalore	435	37	Molecular Connections, Bangalore-Mediatek India-Combiotech Private Limited Bangalore-Pfizer India private Limited, Chennai-ALS Testing Services India Private Limited-Syngene International Limited, Bangalore-Aurigene Discovery Technologies	99	67

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	5	MSc	Biotechnology	Mangalore University	PhD
2020	8	MSc	Biosciences	Yenepoya (Deemed to be University)	PhD
2020	8	MSc	Biosciences	National Centre for Biological Science (NCBS), Bangalore.	PhD
2020	6	MSc	Biochemistry	Allied Health Sciences NITTE (Deemed University)	PhD
2020	5	MSc	Biochemistry	Nitte University Centre for Science Education and Research	PhD
2020	5	MSc	Applied Zoology	NGSM Institute of Pharmaceutical sciences, NITTE (Deemed University)	PhD
2019	3	MSW	Master of Social Work	JSS Academy of Higher Education & Research, Mysore	MPhil
2019	6	MA	Political Science	Mangalore University	PhD
2019	4	MA	English	Mangalore University	PhD
2019	13	MA	Economics	Mangalore University	PhD

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year  
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	25
SET	37
GATE	8
Any Other	5
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Inter- Collegiate Cultural Competition	Inter Collegiate Level	900
Sahakara Competition	University Level	34
Talents day	Inter Collegiate Level	700
Magnum-2020	University Level	150
Fest (Materials Science)	Inter Collegiate Level	71
Biosynergy (Biosciences Fest)	Inter Collegiate Level	250
Hockey	Inter Collegiate Level	396
Athletics (men and women)	Inter Collegiate Level	515
Aquatics (men and women)	Inter Collegiate Level	129
Badminton (men and women)	Inter Collegiate Level	294
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**5.3 – Student Participation and Activities**

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Innovision 2K 20	National	Nil	1	189113531	Gouthami A B
2019	National Moth Week Native Scientist Online Photo Competition on Biodiversity of Moths-	National	Nil	1	193084611	Roopashree S

2019	Table Tennis Tournament for Men & Women	National	1	Nil	186094205	Madhushree B
2019	Silver Medal	National	1	Nil	189232023	Thrupthi P.G
2019	Silver Medal	National	1	Nil	201591377104	Anusha H.A.
2019	Bronze Medal	National	1	Nil	193101040	M.Nidhi R.Shetty
2019	Bronze Medal	National	1	Nil	186087522	Pavithra P.B.
2019	Bronze Medal	National	1	Nil	186087539	Swathi Arun Kumar
2019	Bronze Medal	National	1	Nil	201591377109	Deepika P.S.
2019	Innovision 2K 20	National	Nil	1	189113622	Yashaswini Alias Suparna
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Directorate of Student Welfare is primarily a statutory office working for the welfare of students on the campus. It has been encouraging the students to showcase their talents at all levels. Indirect election for the Post Graduate Students Council was conducted on 8th Aug. 2019. Inter-collegiate cultural competitions were conducted from 17th to 31st August 2019 for college students of Mangalore University. Literary competitions such as Quiz, Elocution, Debates in Kannada and English were conducted at S.M.S. College, Brahmavar on 12th Aug. 2019. Fine Arts competitions comprising of Painting, Collage, Poster making, Clay modelling, Cartooning, Rangoli, Spot photography were organized at Canara College, Mangalore on 16th Aug. 2019. Theatre competitions consisting of One-act play, Skit, Mime, Mimicry were held at Bhandarkar's College, Kundapura on 19th and 20th August 2019. Dance competitions in Folk/Tribal dance and Classical dance were organized in Govinda Dasa College, Surathkal, on 26th and 27th Aug. 2019. Music competitions such as Classical Vocal Solo, Classical Instrumental Solo (Percussion/Non-Percussion), Light Vocal (Indian/Western), Group songs (Indian/Western), and Folk orchestra were conducted at Vivekananda College, Puttur on 30th and 31st Aug. 2019. Altogether, 26 Competitions were organised under 5 categories. Based on the performances, Govinda Dasa College, Surathkal, M.G.M College, Udupi and Bhandarkar's College, Kundapura qualified to participate in South Zone Youth Fest held at Alagappa University, Karaikudi (18th to 22nd December 2019). A team comprising of 29 participants and 2 team managers represented Mangalore University in the 35th National Youth Festival held at Amity University Noida, from 3rd to 7th Feb. 2020. Govinda Dasa College students secured I Prize in Folk Dance and Folk Orchestra, while M.G.M College, Udupi, students secured III prize in One-Act Play and Elocution. Sahakara debate competition in Kannada for UG and PG students was organised by Directorate of Student Welfare supported by Karnataka State Cooperative Union, Bangalore on 19.9.2019. Totally 34 students (22 from UG section and 12 from PG section) participated in this debate competition. The Student Council of

2019-20 was inaugurated on 22nd Oct. 2019 by the Vice-Chancellor Prof. P.S. Yadapadithaya. Sri. Roopesh Shetty, a Tulu Actor, was the Chief Guest. The University Students Council organized an inter-departmental talents day programme from 22nd to 24th Oct. 2019. Swami Vivekananda Jayanthi was celebrated on 28th January 2020. Swami Jitakamanandaji, Ramakrishna Mission Mangalore, Captain Ganesh Karnik, Former MLC, Karnataka and Sri Krishna Upadhyaya, Puttur were the Chief Guests and delivered special lectures on Swami Vivekananda, followed by cultural events hosted by Sri Prakash Malpe. Students are nominated onto several University bodies so that they can represent their interests as stakeholders. They are nominated onto the Academic Council from both the PG Departments and the affiliated colleges. Similarly, students are given representation on the Internal Complaints Committee, on the IQAC Advisory Committee, on the Grievance Redressal Mechanism, etc.

## 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Mangala Alumni Association (MAA), an association of all the old students who have carried out their postgraduate/doctoral studies in Mangalagangothri, was established in the academic year 2006-07 and registered under the Karnataka Societies Registration Act. The association has more than 20,000 members and all of them keep in touch either through their respective department level alumni associations or social media for sharing/exchange of information, ideas, career interests, etc. The office bearers and executive committee members of the association meet once a month (generally on every third Saturday of the month) to discuss and implement programs of the association. Annual General Body Meeting of the association is held every year as per the laws governing Karnataka Societies Act. The association organizes get-together of the members once a year by organizing various events and informal interactions. The association has an office room in the university campus and all the official meetings are held there. MAA has submitted a vision document to the University with a request to incorporate it to start a few innovative programs with employability to suit contemporary requirements an initiative much before the NEP was announced by the government, it has some similar objectives. MAA is actively involved in university centric programs both on the campus as well as in different affiliated colleges of Mangalore University spread over 3 districts of Dakshina Kannada, Udupi and Kodagu. The programs organized by MAA include Teacher Competence Development programs, special lectures on current issues like National Education Policy, Covid-19 related developments, electoral awareness programs during legislative assembly/parliament elections, etc. MAA has organized job fairs for the students on the campus and also conducted some sessions for students and teachers with the help of some renowned psychologists to overcome mental stress during Covid-19 pandemic. MAA has built a bus shelter in Mangalagangothri campus for local commuters who include university staff and students, employees and neighboring villagers. It has initiated necessary action to institute a Gold Medal in Mathematics and an Endowment Lecture once every year in memory of its Honorary President Late Shri Ananthakrishna (Former Chairman, Karnataka Bank Limited) who passed away recently.

5.4.2 – No. of registered Alumni:

1033

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

**CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT****6.1 – Institutional Vision and Leadership**

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

A. CBCS Implementation at UG Level: While implementing the CBCS Scheme at the UG level, university has obtained the opinion of all the statutory bodies such as Syndicate, Academic Council, Faculty of respective discipline, Board of Studies, and Department Councils. A core committee was constituted for preparation of the Choice Based Credit System (CBCS) regulations which consists of academic framework, examination pattern, degree award procedure, etc. It was sent to the Honourable Chancellor of the Mangalore University for concurrence. Thereafter, the implementation of CBCS at UG level was taken up. The University provided the academic framework for implementation of CBCS in accordance with UGC Guidelines which was subsequently communicated to the Boards of Studies.

The BOS which consists of various respective senior faculties, including external experts of the concerned subjects, have prepared the syllabus in accordance with the given framework, taking inputs from the subject teachers associations. The syllabus so prepared by the BOS has been placed before the respective faculty where elaborate discussions took place on the topics covered and syllabi finalized. After approval by the respective Faculty, these were placed before the Academic council for its approval. The finalized syllabus and course structure was also placed before the Syndicate and then communicated to respective colleges and departments for implementation.

B. Purchase and Procurement Process: The university follows Karnataka Transparency in Public Procurement (KTPP) rules for the procurement/purchase of any items/equipment. Accordingly it constitutes committees consisting of experts in the respective fields for preparing the specifications of the items to be procured. After approval by the committee, the tender (depending upon cost of the item, tender may be local, national or global) is floated. During this tender process, the University may adopt either single or two cover system, depending upon the item/work, to maintain transparency in the procurement. The university also puts in place another committee to scrutinize the tender document which consists of 2 steps: a) technical bid evaluation of the participating bidder. Here, the committee validates the specification in accordance with the tender documents. It also decides the eligibility of the qualified bidder to participate in the tender process. After the evaluation, the tender document of the qualified bidders is processed for the financial bid. b) The financial bid so scrutinised by the tender evaluation committee is placed before the purchase committee constituted by the University as per norms. Thereafter, the tender is placed before the Syndicate for its final approval. After approval by the Syndicate, the Registrar places the firm orders for the supply of items/equipment to the qualified bidder (supplier), who then supplies the items. The University also forms another committee to verify the quality of the items supplied and ensure proper installation. It recommends payment only after satisfactory verification. Thereafter, the Registrar approves and sends the bill to the finance department. The Finance officer in turn, obtains approval from the Vice Chancellor and passes the bill for payment.

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

Yes

**6.2 – Strategy Development and Deployment**

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

Strategy Type	Details
Curriculum Development	<p>The feedback collected formally and informally from students and industry experts is used to revise the syllabus during BOS meetings every year. The BOS is free to invite experts from industry, academia and entrepreneurs on a needs basis for meetings to revise the curriculum. Attempts have also been made to establish MoUs with institutes of national importance, RD organizations and industries for better liaison and learning. Provision for accommodating more number of electives is provided in the curriculum for improving career opportunities of the students.</p>
Teaching and Learning	<p>In the present era of technological advancements, students are provided an ICT environment for better learning. The students are encouraged to learn the latest and advanced concepts using the online video lectures available in the UGC, AICTE and University portals. A provision is being made in the curriculum structure to consider the grades obtained through online courses for the credit requirements and include them in the transcripts. Regular feedback mechanism is deployed through online student feedback tool developed by IQAC office. Teachers too are encouraged to use the ICT facilities for better presentation.</p>
Examination and Evaluation	<p>As per UGC guidelines, 2019-20 examinations were successfully conducted, following all Covid-19 SOPs, with 43 additional centres locally, to facilitate the students to write exams near to their hometown. In addition, examination centres were also set up in different states like Jammu and Kashmir, Manipur, Lakshadweep, UP, MP, Jharkhand, Chattisgarh, Goa and outside the country in Sri Lanka, Bhutan and Fiji. The University declared the intermediate semester results as per the formula suggested by UGC. Other important measures include completion of digitalization of old ledgers from 1981 till 2007.</p>
Research and Development	<p>The University has constituted Research Development, Consultancy and Patent Cell (RDCPC) to promote Research and Development activities. Due emphasis has been given to promote</p>

submission of patent applications by the faculty and the researchers. The university has created a favourable environment to conduct research and encourage the research publications and presentations through approval of a "Research Policy" by the Syndicate. The university encourages interdisciplinary collaborations and coordinates research programmes nationally and internationally by providing generous grants to teachers to attend conferences at national and international levels. Internet and Wi-Fi facilities are provided 24/7 to all stakeholders.

Library, ICT and Physical Infrastructure / Instrumentation

The library has a collection of over 2,20,426 documents which includes books, journals, theses, dissertations, rare books, reports, government documents, CDs and DVDs covering a wide variety of topics. It subscribes to about 200 research and general interest (print) journals. It has access to over 7,000 journals in full text, in e-form from E-Shodhasindhu Digital Library Consortium and more than 58,000 journals from J-Gate Database. The Library issues smart cards to its users, through which users can borrow, return, renew and reserve books. The library also has Electronic Thesis and Dissertation (ETD) Lab and cyber lab to browse journals/books/periodicals.

Human Resource Management

Measures have been taken by the administration to have optimal manpower. Several welfare schemes have been provided to retain employees with better prospects and safe working atmosphere. Regular promotions have been given based on their performance. Every employee has a well-defined job role. The recruitment and selection processes are transparent and as per government regulations. The compensation and reward policy is followed with discipline. The performance of teaching staff is assessed using the feedback from students and this evaluation of performance is intimated to them. This helps improve their performance, benefitting the university.

Industry Interaction / Collaboration

Mangalore University has set up a vibrant Industry Interaction Centre (IIC) with the aim to promote interaction with industries and provide

job placements to students. Every department has identified a coordinator who in turn interacts with the Director to provide job placements. MoUs have been signed by the University for Research Collaboration. The centre conducts training programs to help students compete with their peers. The distinguished alumni are invited by the IIC to deliver lectures on advances in their respective fields.

**Admission of Students**

Faculty members visit colleges and present the opportunities available in the PG campus. Provision is made by the University to apply either in online or offline mode for admission to any of the PG programme. The single window system is provided by the academic section and examination section to provide the required documents without hassles. The fees structure is kept at a minimum and the reservation policy of the government has been strictly adhered to, for attracting students from all sections. They are given a free hand to select courses of their choice, purely on the basis of merit.

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

E-governance area	Details
<p><b>Planning and Development</b></p>	<p>As a part of e-governance in the University, the Planning, Monitoring and Evaluation Board of Mangalore University has taken ICT initiatives in procuring the instruments/equipment and other related items to the university through e-tender process. The examination processes have already been making use of ICT techniques as detailed in the description of MIS given in Part A (17). All financial transactions including fee payment and receipt are through the digital mode. Overall planning and development activities are carried on using e-governance mode.</p>
<p><b>Administration</b></p>	<p>The University is moving towards a paperless office as part of digital initiatives by the State and Central Governments. It has constituted an e-governance Unit and appointed a faculty member as nodal officer along with three technical assistants. This e-office enables efficiency, consistency and transparency within the administration process. All the administrative sub-sections such as</p>

offices of the Vice Chancellor, the Registrar, Evaluation and Finance sections send circulars/letters through email, whatsapp and other means to all stakeholders and receive responses in the same mode. This enables speedy, effective and accurate communication between all sections of the university.

Finance and Accounts

Mangalore University has implemented e-governance through the "E-office" initiative, to increase efficiency and transparency in administration and finance. Through this system, the University is able to get a complete account of the transactions carried out during a particular period which enables financial discipline and prudence. This has helped the University to overcome the manpower deficiency to a certain extent and to have a strong accounting record.

Student Admission and Support

A campus management system is in place to enable activities that include online submission of the application, online selection followed by admission of the students to various courses within the university. The students can submit their grievances to the university in online mode using the university portal. All the examination processes like examination registration, submission of internal marks, issue of admission ticket etc., are carried out through e-governance. Students can get information and apply for scholarships, fellowships etc., online. Examination results are also announced online.

Examination

The examination process is completely automated and the list of various e-governance activities are given below:

- Online Examination Application
- Online Internal Assignment Marks Submission
- Computerized Examination Admission Ticket containing student photo, subject and exam date etc.
- Computerized Coding and Decoding of Answer Booklets using Bar Codes
- Computerized Result Processing and Result Hosting on University website
- Preparation of Computerized Marks Card and Ledger sheet
- Preparation of computerized students' convocation eligibility list
- Printing of Degree Certificates on non-tearable, water-proof, chemical-proof and fire-proof stationery.



**6.3 – Faculty Empowerment Strategies**

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Prof. Kishori Nayak K.	Workshop on QS Ranking Ratings at Indian Institute of Science (IISc), Bangalore (support from Mangalore University)	SRM Institute of Science Technology (SRMIST)	11009
2019	Dr. Karunakara N	4th International Conference on Polonium and Radioactive Pb isotopes (INCO- PoPb-2019), CHINA with support from SERB	Nil	99708
2019	Dr.Preethi Keerthi Dsouza	3rd International Conference on Advances in Business Law(KBAL) (support from Mangalore University)	University of Dubai -United Arab Emirates	50000
2019	Sri. Srinath B. S.	10th International Conference on Materials for Advanced Technologies at Marina Bay Sands, Singapore (support from Mangalore University)	Nil	33679
2019	Dr. Dasharatha P. Angadi	8th Union of Geographical Technology Conference, Malaysia (support from Mangalore	Union of Geographical Technology, Malaysia	50000

		University)		
2019	Dr. Ramesh S. Gani	9th International Science Congress (support from Mangalore University)	International Science Community Association	13934
2019	Prof. Monika Sadananda	National Level Workshop for Dual Mode Universities - NAAC Office, Bengaluru (support from Mangalore University)	Nil	6602
2019	Prof. Kishori Nayak K.	National Level Workshop for Dual Mode Universities - NAAC Office, Bengaluru (support from Mangalore University)	Nil	6602
2019	Dr. Puttanna K	Digitalisation of Management education in South Asia (support from Mangalore University)	Nil	8900
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Workshop on CBCS Political Science New Syllabus.	Nil	13/07/2019	13/07/2019	100	Nil
2019	Two Days National Workshop on Data	Nil	26/09/2019	27/09/2019	78	Nil

	Analytics using SPSS					
2019	Workshop - Emerging Trends in Management	Nil	30/12/2019	30/12/2019	22	Nil
2019	Three day Workshop on Smart City IoT based Technology	Nil	12/12/2019	13/12/2019	40	Nil
2020	Nil	Workshop on e-Governance and Stock maintenance	27/01/2020	28/01/2020	Nil	150
2020	Workshop on IoT - Industry Application development using IoT	Nil	10/02/2020	12/02/2020	15	Nil
2020	Workshop on Cyber Security	Nil	13/02/2020	15/02/2020	13	Nil
2020	Workshop on Karnataka Transparency in Public Procurement Rules (KTPP)	Workshop on Karnataka Transparency in Public Procurement Rules (KTPP)	04/06/2020	04/06/2020	30	190
2020	International Webinar on Covid-19: Current Status of Vaccine Development and Immunization	Nil	30/09/2020	30/09/2020	1461	Nil
2020	Faculty Development Program on Machine Learning and Deep Learning for Video	Nil	02/11/2020	06/11/2020	160	Nil

## 6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course - P-D-A College of Engineering, Gulburga	1	09/08/2019	13/08/2019	5
Training course on GIS Applications for the Officers of MCSD, GSI, Mangalore	1	05/08/2019	09/08/2019	5
NPTEL-AICTE Faculty Development Programme-An introduction to Materials: Nature and Properties (Part-1: Structure of Materials)	1	01/08/2019	01/10/2019	62
National Level Skill Development Workshop on Data Analysis using Excel and SPSS	2	23/04/2019	29/04/2019	7
Ten days Research Methodology Course	2	08/04/2019	17/04/2019	10
ISRO sponsored NNRMS training programme on RS and GIS applications on Geosciences, Dehradun	1	13/05/2019	05/07/2019	54
Refresher Course on University and PG College MSc	1	16/06/2019	06/07/2019	20

Teachers Training Programme, IISc, Chithradurga				
NPTEL-AICTE Faculty Development Programme- Nanotechnology Science and Applications	1	01/07/2019	01/09/2019	62
GIAN- Global Initiative for Academic Networks program titled Neuropeptides in Socio-emotional Behaviour: from Health to Disease	1	02/07/2019	06/07/2019	5

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	Nill	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Free Medical Facilities. Facilities to pursue research/higher studies. Fitness centre. Promotions on priority basis. Reservation of PG seats for wards.	Free Medical Facilities. Training programmes in administrative matters. Promotions on priority basis. Fitness centre. Reservation of PG seats for wards and fee concessions.	Free Medical Facilities. Online learning facilities. Counselling. Secure campus with surveillance system. Hygienic hostel and canteen facilities. Midday meal scheme for poor students. Fee concessions, free duplicate certificates issued to students effected by floods/disaster. Additional reductions in fees for the issuance of certain certificates, during the pandemic.

**6.4 – Financial Management and Resource Mobilization**

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

Though the finance section of the University basically deals with the receipt

of revenue and payment of bills, the Finance Officer and staff also perform the function of internal auditing, by thoroughly following the Karnataka Financial code (KFC), Manual of Contingent Expenditure (MCE), KTPP Act and other relevant rules. The State Government Accounts Department audits the accounts of the University every year. The Chief Accountant General (CAG) of the Central government also conducts audit of the University accounts. Moreover, the accounts pertaining to some research projects and programmes are audited by Chartered Accountants as per provisions thereof.

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

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

0
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## 6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	No	Nil
Administrative	No	Nil	No	Nil

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

<p>The University has taken necessary steps to create awareness amongst the eligible colleges. That includes the advantages of autonomy to keep up the standards of higher education, social justice in higher education etc. The advantages in terms of offering new courses of current interest and demand in the job market are brought to their notice.</p>
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6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

Nil
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6.5.4 – Development programmes for support staff (at least three)

<ul style="list-style-type: none"> <li>• Fitness Programme</li> <li>• Awareness Camp on "maintaining clean and hygienic workplace".</li> <li>• Training Programme on Karnataka Transparency in Public Procurement Rules (KTPP)</li> <li>• Training Programme to the Nodal Officers and Concerned Staff members on Seva Sindhu</li> <li>• Yoga classes/courses throughout the year</li> <li>• Computerization of administration</li> <li>• Yearly cultural activities and competition.</li> </ul>
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6.5.5 – Post Accreditation initiative(s) (mention at least three)

<ul style="list-style-type: none"> <li>• Annual Quality Assurance Report (AQAR) to NAAC</li> <li>• UI Green Metric World University Ranking</li> <li>• NIRF Ranking</li> <li>• Participation in EQUAMBI</li> </ul>
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6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes

c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Preparation of Self Study Report	16/03/2019	16/03/2019	23/03/2020	70
2019	Submission of data to NIRF, UI Green Metric, QS Ranking, India Today Rankings	01/07/2019	01/07/2019	30/11/2020	60
2019	Training Program for teaching and non teaching staff for NAAC requirements	21/08/2019	21/08/2019	31/08/2019	279
2019	Interdisciplinary Journals Review for forwardal to UGC CARE	28/08/2019	28/08/2019	27/11/2020	12
2019	Submission of Annual Quality Assurance Report 2018-19	22/10/2019	22/10/2019	29/10/2020	40
2020	Facilitating CAS promotions of teaching faculty.	03/06/2020	03/06/2020	24/09/2020	22
2020	Core Committee/Sub-Committees to prepare AQAR 2019-20	10/08/2020	10/08/2020	31/12/2020	40
2020	Online Student Feedback	16/10/2020	16/10/2020	28/12/2020	2158
2020	Initiation of feedback	03/11/2020	03/11/2020	04/11/2020	974

collection  
from Parents  
and Alumni

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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Women and Science	05/07/2019	05/07/2019	117	Nil
Gender Champions Training Manual	08/08/2019	08/08/2019	12	3
One day State Level Seminar at Vijayapura	07/09/2019	07/09/2019	400	600
Gender and Law Workshop	30/09/2019	30/09/2019	37	28
Workshop on UGC initiative of "Gender Champion"-Making of Gender Champions: A dialogue on Gender	20/11/2019	20/11/2019	16	14
Inter University Seminar at Shivamogga	18/01/2020	18/01/2020	100	100
Empowering Girls through Self-Defense Workshop	24/01/2020	24/01/2020	45	41
Special Lecture -Gender Construction and its impact	27/01/2020	27/01/2020	23	13
Consultative Meeting and Workshop on Falling Child Sex Ratio	05/02/2020	05/02/2020	65	5
Prevention of Sexual Harassment in Work Places ( POSH) Workshop	13/02/2020	13/02/2020	98	70



Gender Sensitization Workshop	11/03/2020	11/03/2020	70	5
Gender Sensitization Workshop	13/03/2020	13/03/2020	45	18

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

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

The renewable energy sources include solar energy, biogas, LED bulbs and power efficient equipment. The University has a solar energy source, generating 361290 kWh of power every year. In addition to this, there are 210 nos. of 24 watt solar street lights, 222 nos. of solar corridor lights, and 100 nos. of 20 watt designer street lights (for Double Road on the campus) generating 60.48 kWh, 13.32 kWh and 24 kWh respectively per year. A biogas plant in the hostel generates the power of 1277.4 kW per year. Altogether, it is possible to generate 362665 kWh of power (15.67 percent of the overall power consumption of the campus) every year by the renewable energy sources.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	7
Provision for lift	Yes	500
Ramp/Rails	Yes	7
Rest Rooms	Yes	7
Scribes for examination	Yes	3
Any other similar facility	Yes	3

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	21/08/2019	1	Yaksham angala Pracharopan yasa Malike	Promote the knowledge and interest of Yakshagana among the students and youth.	50
2019	1	1	21/08/2019	1	Yakshagana Performance: Bhasmasura	Promote the knowledge and	50

					Mohini	interest of Yaksha gana among the students and youth.	
2019	Nil	1	07/09/2019	1	One Day Workshop on "Reactivating Requisites for Professional Social Work"	Provide orientation on the practice of social work, regarding the career opportunities and managing the challenges in this field.	35
2019	1	1	15/09/2019	1	One day workshop on Rain Water Harvesting Under Village Adoption Programme	Reusable and degradable (eco-friendly) handbags were distributed to the local people in and around Konaje and Pajeer Grama Panchayath.	116
2019	1	1	28/08/2019	1	Social Work Dept. hosts a Special Lecture on 'Law and Social Work' for MSW Students	Discussion about legal aspects of social work practice, understanding the general relationship between the justice	90

						system and social work, how law influences social work in different ways across and within client groups.	
2019	1	1	16/10/2019	3	Wild life week celebrations	Educated the visitors on plastication (resin arts), reuse, reduce, recycle concepts with reuse of materials , reducing animal products and recycling of non-biodegradable materials.	1000
2019	1	1	17/10/2019	3	Green initiative	Green initiative through Plantation of 350 saplings in the university campus.	210
2019	1	1	06/11/2019	1	Awareness about Examination preparations and tips for 10th	Awareness about Exam preparations and tips for 10th standard	50

					standard students	students.	
2019	Nil	1	20/11/2019	1	Awareness Programme for Senior Citizens	Awareness for senior citizens and conduct of some activities for senior citizens "Abhaya Ashraya" Ashrama.	20
2020	1	1	11/01/2020	1	Beach Cleaning Programme (Ullal Beach), Mangalore	Awareness about the environmental sustainability and how community can protect their environment on the occasion.	64
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Every employee of the Mangalore University irrespective of the rank and file shall swear to practise the code of conduct	02/12/2019	<ul style="list-style-type: none"> <li>• In order to ensure a safe and congenial work environment and to address the welfare of Women, SC/ST, the University has constituted grievance redressal committees such as ICC, OBC/Minority, SC/ST and Special Cell for Women.</li> <li>• Posters conveying zero tolerance to sexual harassment and grievance redressal mechanisms are displayed at all offices, units, departments.</li> <li>• Grievance forms for redressal of SC/ST complaints are also available online.</li> <li>• Awareness workshops and</li> </ul>

		talks on code of conduct are conducted on International Womens Day, Foundation Day, Teachers Day, Non-teaching Staff Day etc. Our UGC Womens Study Centre organises awareness programmes for women.
STUDENT CHARTER outlining the responsibilities of the University to the student and vice versa	20/09/2021	<ul style="list-style-type: none"> <li>• Academic activity has continued online/offline despite the COVID -19 pandemic.</li> <li>• Awareness of Covid-protocols has been created through posters.</li> <li>• Feedback from stakeholders is taken seriously. The Vice-Chancellor has addressed students and parents through print/television media on exams, blended learning etc.</li> <li>• Support services are strengthened through Counsellor, full-fledged Placement Cell and Health Centre.</li> <li>• In view of the pandemic, fees were not increased and students were permitted to pay it in two instalments.</li> <li>• Students were permitted to take the exams without payment of fee subject to later payment.</li> <li>• Provision to take exams in distant places within the country and abroad was made.</li> </ul>

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Yakshamangala Pracharopanyasa Malike	21/08/2019	21/08/2019	50
Yakshagana Performance: Bhasmasura Mohini	21/08/2019	21/08/2019	50
National Integration Day	20/08/2019	20/08/2019	1500
Swatchhata Abhiyan	26/08/2019	26/08/2019	60
Re-captivating Requisites for	07/09/2019	07/09/2019	35

Professional Social Work, a day-long workshop			
Cleaning activity in the campus and near by villages - Swatch Bharat	02/10/2019	02/10/2019	1500
National Integration Oath-taking	31/10/2019	31/10/2019	2700
Workshop on United Nation (UN) International Volunteer Day-2019	22/11/2019	22/11/2019	128
Yakshagana Training Programme and Performance	17/01/2020	17/01/2020	20
Swami Vivekananda Jayanthi	28/01/2020	28/01/2020	25
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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- E-office (minimised paper usage)
- One student one plant
- Plastic free campus movement
- No Honking campus (Sign boards are to be kept at different locations)
- Wall of kindness
- Nature Zones such as Butterfly Zone
- Pedestrian pathway along the Roads
- Identification and classification of trees and plants on campus, with their botanical names.

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

**Best Practice 1: Title of the practice: "Adoption of Government Schools"**

**Objectives:** As a part of its Institutional Social Responsibility (ISR) initiative, the university in earlier years had adopted neighbouring villages for their development. The University has now adopted 10 Government schools with the following objectives:

- To evaluate socio-economic background.
- To provide computers.
- To strengthen classroom, laboratory, library and sports facilities.
- To adopt poor students.
- To conduct training programs for teachers.
- To train students in communication and soft skills.
- To encourage students' talents.
- To take up remedial classes for weaker students.

**The Context:** The University has been catering to the higher educational needs of the students from Dakshina Kannada, Udupi and Kodagu districts with care and concern. It has reached every door-step of nearby villages which is evident from the enrolment data in the University of the past few years. With a large number of students from socially and economically backward groups, the University has emerged as the champion of social justice and continues to fulfil their academic aspirations. Bearing these aspects in mind, the university has chosen a few neighbouring government schools to strengthen them with required infrastructure and other possible support. The whole program has the sole intention of "reaching the unreached" with all possible facilities.

**The Practice:** The Mangalore University has adopted 10 government schools - six primary and four high schools - near its campus in Mangalagangothri for facilitating their overall development. The schools are adopted as a part of the institutional social responsibility of the university. A few teachers of the university teach some topics related to general knowledge on every

Saturday. The university teachers do not teach the government prescribed syllabi to them as they are being taught by their regular teachers. The university has also taken up eat right food campaign in these schools by creating awareness on healthy food to avoid junk food items available everywhere. The volunteers of the National Service Scheme (NSS) of the university enable the schools to keep their premises clean. The university has arranged for supply of general books to the school libraries so that students have access to knowledge other than their regular subjects. Some basics of yoga are also taught to students to keep them mentally and physically fit. Evidence of success: The University has adopted six primary schools situated at Konaje Padavu, Kuntalaguli, Harekala, Innoli, Manjanady and Deralakatte. The four high schools adopted are at Konaje Padavu, Harekala, Pavor and Malar. The University has nominated one teaching staff member (from the university) for each school as Nodal Officers to look after the activities under the adoption scheme. It acts as a facilitator to arrange for vital, essential and desirable materials to the schools and a survey in this regard has been underway despite Covid-19 scenario. It has successfully conducted various activities and donated items useful to schools such as computers, science instruments, furniture (tables, chairs, bench, cupboards, etc.) and some sports / games tool kits. Development of medicinal gardens and swachh (clean) school campus programs involving students, awareness programs on water conservation, environment protection, national festivals, etc have been attempted. Remedial classes by involving M.Ed. students are also being conducted along with classes on Spoken English and improvement of communication skills. Problems encountered and resources required: COVID-19 pandemic has hampered the planned activities for the schools. A systematic plan to have budgetary allocation for the programs are being worked out, as No funding is available for the programs from any corner. The activities under the program are being conducted only after detailed meetings with the teachers and non-teaching staff of the school to gauge the requirements of the schools. Some of the known donors, including individuals, companies, banks and other institutions are being invited to the meetings to join hands with the University to develop the schools in the true sense. Best Practice 2: Title of the practice: "Promotion of a Local Art form - Yakshagana" Objectives: The Yakshagana Centre has the following objectives: • To document, preserve and promote the traditional Yakshagana in all its styles and variants. • To disseminate Yakshagana through print and electronic media at local, regional, national and international levels. • To impart education in Yakshagana to students/public and organize performances. • To conduct workshops, lectures, demonstrations, experimental performances and interactions with the artists and other schools of related arts like Kathakali, Therukoothu, etc. • To establish Archives/Museum/Library for study and research on Yakshagana • To preserve and promote the traditional beauty of Yakshagana. • To publish literature on Yakshagana and create a comprehensive Information base. The context: Yakshagana is a traditional performing art form, a popular theatre prevalent mainly in the Coastal Karnataka with its world acclaimed unique features. With a history of more than eight hundred years, Yakshagana of Coastal Karnataka has developed into a highly harmonious, synthesized theatre, comprising components like powerful music, colorful costumes, vigorous dance and extempore dialogues, all in their own distinguished style. In addition to its role as a form of artistic entertainment, Yakshagana has been an effective medium of information, value / moral education, especially to the masses. In its structure and performance style, it enjoys both classical discipline and folk features. The Mangalore University has established the Yakshagana Study Centre to serve as an institutional arrangement for the promotion of Yakshagana, its richness and pristine beauty. The practice: The Yakshagana Study Centre, established in the year 2009, is functioning in the Yakshagana Kala Mandira, a building with basic infrastructure facilities. The centre has a big hall and a theatre stage with seating arrangements for seven hundred fifty

people. The added attraction of the centre is "Yaksha Mangala Museum" and nearly twenty Life-size models of Northern and Southern Yakshagana style are installed. The museum includes a Photo Corner exhibiting various performance sequences of Yakshagana. The Costumes, dress materials and musical instruments used in Yakshagana are exhibited separately. A Library (with two thousand five hundred fifty books on Indian Theatre in general and Yakshagana in particular) has old rare valuable manuscripts, audio-video cassette collections, Yakshamangala Video Centre with LCD facilities to display documentary and video films produced on Yakshagana and are available for researchers. Various programs on Yakshagana such as lectures by eminent artists / scholars, Thala maddale, time bound Yakshagana bayalata and a few competitions on Yakshagana related aspects are organized by the Centre in addition to the routine stipulated academic activities. The Centre has plans to organize Annual Yakshagana Festival in collaboration with Tourism department and to interact with the society at different levels. The following are the books published by the Yakshagana Study Centre: • Yaksha Bhandary • Yakshasiri • Yakshamudi • Yakshasthree • Yakshakedage • Yakshatharu • Jina Yakshagana Samputa - 2 • Kota Shivarama Karantharu : Yakshagana Chintane mattu Prayoga • Yakshagana Sthithigathi • Balipa Gaana Yaana • Yakshagana Prasanga Samputa Evidence of success: The Yakshagana Study Centre has organized 35 Extension Lecture Series, 40 workshops / demonstrations / documentations, 20 performances and trained above 100 students in Yakshagana. The Centre has organized programs at more than 100 colleges which have been benefitted by the outreach programs. The number of books and audio/video in the library have been increased to 2550 and 150 respectively. The books include several collections of articles on Yakshagana such as Yakshasiri, Yakshamudi, Yakshakedage, Yakshatharu and Yakshagana Sthithigathi, reminiscences of Yakshagana artists/scholars such as Sheenappa Bhandary, Kota Shivaram Karanth and Balipa Naryana Bhagavath and collections of Yakshagana Prasangas(plays/texts), Jina Yakshgana Samputa and Yakshgana Prasanga Samputa among others and a critical study of female roles. The Yakshagana Centre has instituted Yaksha Mangala Annual Award and Yaksha Mangala Annual Book Award. It has formed Yaksha Mangala Children's / Students' Troupe to train and groom the budding artists of Yakshagana. The Centre has also undertaken documentation of information on life and achievements of Yakshagana artists and carried out case studies on "Gerukatte Gangayya Shetty - A Yakshagana Artist" and "Tradition of children's Yakshagana". Problems encountered and resources required: COVID-19 pandemic has affected offline programs and proposed plans could not be implemented. The online programs, though conducted in good numbers, are not as effective as direct contact programs. Network related issues hampered the reachability to interested students who otherwise attended offline classes on regular basis. 'Thala maddale', one of the flagship programs of Yakshagana Study Centre could not be effectively held and has affected the process of grooming of budding artists in the field of Yakshagana. "Yakshagana Bayalata" (a form of yakshagana play enacted overnight on open stages) is completely ruled out due to COVID-19 protocols. Even the shorter version of "Yakshagana Bayalata" ("Kalamithi Yakshagana" for 2-3 hours instead of overnight program), cannot be performed due to the pandemic. As the Centre has received generous support from philanthropists, more programs directly useful to students/viewers can be conducted after the pandemic.

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

<https://mangaloreuniversity.ac.in/sites/default/files/2021/7.2.1%20Two%20best%20practices.pdf>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and



thrust in not more than 500 words

Social responsibility - creating public awareness: Universities represent a vital part of any society. The changing environment in which universities function and the challenges that higher education has been facing have simply made the higher education system very complex. The mass expansion of higher education, decrease of state expenditure support for universities, diversification of financial resources, internationalization, commercialization, changes brought by ICT development and the adaptation of curricula to accommodate and capitalize on labour market requirements are a few important challenges to be faced. Mangalore University, being a university with difference, has its own vision of "reaching the unreached". In this direction, it is gearing up in the areas where it can contribute. This encompasses many different areas including the need to strengthen civil commitment and active citizenship to provide services to the community through community engagement and outreach to promote economic and national development to promote appropriate values, traditions, skills and cultural norms. It has even initiated tailoring of its research missions to produce research that benefits the public, the local economy and society. A series of programs were conducted in this direction. Village adoption is one of the most prominent programs of this series that has been well received by the stakeholders. Some very interesting programs like Wall of Kindness, adoption of 10 Government primary and high schools to strengthen their academic outlooks, Mid-day meal program for post graduate students from poorer economic background, etc. have been initiated. The students of the adopted schools also get an opportunity to visit the university and experience the university ambience. All these programs are meant to bridge the gaps of disproportionate opportunities and inequities based on cultural affiliation and income levels in education system. As part of institutional social responsibility, Mangalore University has reached out to poor families around the campus (especially in the adopted villages) and helped them during COVID19 lockdown. Many staff members of the campus joined this program of the university voluntarily and contributed to the program of the university to provide food and medicine kits to the underprivileged. The programs conducted at different locations have helped the needy during the period of pandemic. The distribution of food kits was organised during both first and second waves. The students of some of the departments of the university (especially Department of Social Work, Sociology others) keep going to the villages and educate them about the details of the government programs on social welfare. They even train them with yoga to lead a disciplined life with minimal stress. The general training through village adoption as well as government school adoption programs results in human resource development at rural level. This internship aspect would help the students of the adopted villages and schools to excel in their career.

Provide the weblink of the institution

<https://mangaloreuniversity.ac.in/sites/default/files/2021/7.3.1%20Institution%20in%20one%20area%20distinctive%20to%20its%20vision.%20priority%20and%20thrust.pdf>

## **8.Future Plans of Actions for Next Academic Year**

Among the several future plans to strengthen and augment the prevailing academic atmosphere as well as overall development of the institution, the Mangalore University has initiated work in the direction of implementation of New Education Policy, NEP 2020. The detailed aspects of the policy have already been discussed extensively at different levels and forums. Brainstorming sessions will be organised for college principals and academicians from all walks of life. Personnel involved in drafting of the policy will be invited to deliver lectures to the stake holders of higher education. Different sessions are being planned

for teachers from both undergraduate and postgraduate levels. The College Development Council will organise an online / offline program for all the teachers of affiliated colleges of Mangalore University in association with the Karnataka State Higher Education Council, Government of Karnataka. A broader structure of the syllabi for the all the programs both at the UG and PG level is being drafted by experts in the field. Deliberations on framing the structure suitable to all the institutions are also planned . The University has decided to implement NEP from the next academic year and required amendments to regulations need to be done on priority. In addition to these programs, the university is planning to do everthing needed to retain its present top status at the national level in environmental related rankings. Greenery of the campus and eco-friendly activities will be strengthened to make the campus much cleaner, greener and pollution free. Green campus with eco-friendly buggies and bicycles within campus is planned. The university has planned to strengthen the ongoing research and development programs on war footing. A committee involving representatives from all the four faculties of the university has been constituted to work on seven verticals ear-marked for improvement of existing RD programs. These verticals include (i) Revision of research policy, regulations for Ph.D, D.Litt, D.Sc, etc., (ii) Identification of quality journals for research article publication and well known publishers for publication of books, (iii) Filing of patents, (iv) Development of research infrastructure through CSR funding, (v) Consultancy policy revision, (vi) Office of Research Integrity to emphasise ethical aspects in interdisciplinary research across all disciplines and (vii) helping faculty members to submit research proposals to funding agencies. Other plans that are on the anvil include • Establishing a Centre for Research in Genomics and Biodiversity Conservation at Belapu. • State-of-the-art computer labs in each academic building • Establishment of Full-fledged Training and Placement Cell for student support • V.S. Acharya Centre for Coastal Development Studies. • Food Court • Strengthening the University Management System (UMS)