



YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	MANGALORE UNIVERSITY
• Name of the Head of the institution	Prof. P. Subrahmanya Yadapadithaya
• Designation	Vice Chancellor
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08242287347
• Mobile no	9663930777
• Registered e-mail	vc@mangaloreuniversity.ac.in
• Alternate e-mail address	registrar@mangaloreuniversity.ac.in
• City/Town	Mangalore
• State/UT	Karnataka
• Pin Code	574199
2.Institutional status	
• University	State
• Type of Institution	Co-education
• Location	Rural
• Name of the IQAC Co-ordinator/Director	Prof. Manjunatha Pattabi
• Phone no./Alternate phone no	08242284648
• Mobile	9448260563
• IQAC e-mail address	iqacmangaloreuniversity61@gmail.com
• Alternate Email address	iqac@mangaloreuniversity.ac.in
3.Website address (Web link of the AQAR (Previous Academic Year))	https://www.mangaloreuniversity.ac.in/upload/AQAR-Docs/AQAR%202020-21.pdf

4. Whether Academic Calendar prepared during the year?		Yes			
• if yes, whether it is uploaded in the Institutional website Web link:		https://mangaloreuniversity.ac.in/academic-calender-year-0			
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	Four Star	70.3	2000	17/04/2000	16/04/2005
Cycle 2	A	3.09	2014	05/05/2014	04/05/2019
Cycle 3	B	2.49	2021	15/02/2021	14/02/2026
6. Date of Establishment of IQAC			23/12/2010		
7. 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	
Computer Science	CAFES-SC/ST Students Scheme	AICTE-CAFES	2021, 3 years	32500000	
Microbiology	VGST Scheme of CISEE	Karnataka Science and Technology Promotion Society, Bangalore	2019, 3 years	3000000	
Physics	DST-FIST	DST	2018, 5 years	26400000	
Physics	KSTePS-VGST Scheme of CISEE	Karnataka Science and Technology Promotion Society, Bangalore	2021, 2 years	3000000	
Microtron Centre	UGC-CPEPA	UGC	2016, 5 Years	50580000	
Promotion of University Research Science Excellence (PURSE) programme	DST-FIST	DST	2017, 4 years	76000000	
8. Whether composition of IQAC as per latest NAAC guidelines		Yes			
• Upload latest notification of formation of IQAC		View File			
9. No. of IQAC meetings held during the year		15			
• The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)		Yes			
• (Please upload, minutes of meetings and action taken report)		View File			
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?		No			
• If yes, mention the amount					
11. Significant contributions made by IQAC during the current year (maximum five bullets)					

Participation in NAAC Accreditation process - Preparation of AQAR, tabling of AQAR in Syndicate and submission to NAAC
Participation in Rankings - NIRF, QS World/Asia University Rankings, India Today MDRA Best Universities Ranking, UI GreenMetric World University Ranking
Software development, online collection, analysis reports, Department-wise Action Taken Reports, tabling in Syndicate of Stakeholders Feedback
Internal quality promotion - CAS, DST Gender Advancement for Transforming Institutions (GATI) participation, AIU Portal Updation, Interdisciplinary Journal Review, Surveys.
Conduct of quality/skill enhancement related workshops, awareness programs, professional/capacity development programs, etc. such as "Revised Accreditation Framework of NAAC", Lecture on "Why Implementing NEP is Critical to 21st Century", Skill-based lecture workshop on "Participating in the Planetary Biodiversity Mission", a training programme on "Laboratory Safety", Webinar on National Science Day on "Safe and Affordable Drinking Water for All-From Idea to Market"

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

Plan of Action	Achievements/Outcomes
Core Committee/Sub-Committee formation for preparation of AQARs	AQAR 2019-20 finalized and submitted to NAAC on 30-08-2021
Preparation and online Submission of AQAR report 2020-2021	AQAR prepared and kept ready for submission
Submission of data to NIRF, India Today, UI Green Metric World University Ranking, QS Asia/World University Rankings	Submitted with outcomes at different positions in various rankings. Improvement in NIRF Rankings from University Rank band: 151-200 to Rank band: 101-150. Placed 2nd in the country and 152nd globally in the UI GreenMetric World University Rankings.
Facilitating CAS promotions of teaching faculty.	Scrutiny of 21 number of CAS applications for the positions of Assistant Professor (Higher Grade), Associate Professor and Professor has been carried out and eligibility of candidates determined
Online Feedback from Students	Collected, analysed, ATR obtained and combined report available on website
Online Feedback from Faculty	Collected, analysed, and combined report available on website
Feedback from Employers	Collected, analysed, ATR obtained and combined report available on website
Feedback from Alumni	Collected, analysed, ATR obtained and combined report available on website
Interdisciplinary Journals Review Committee	Committee met and scrutinised journal for forwardal to UGC CARE
Application for DST Gender Advancement for Transforming Institutions (GATI) Pilot Project- Expression of Interest for Joining the Gender Advancement for Transforming Institutions (GATI) Pilot	Partner Institute with the Monitoring and Evaluation partner (September 2021)
Online course on Research and Publication Ethics for Research Scholars	Envisaged, drafted and implemented Online Course on Research and Publication Ethics for Research Scholars by inviting Experts/Resource Persons from January 2022 to March 2022.
Association of Indian Universities (AIU) Portal Updation	University information updated on the portal on 13-05-2022

Conduct of quality/skill enhancement related workshops/lectures, awareness programs, professional/capacity development programs	Workshops/Lectures/Professional/Capacity development program/skill based lecture were conducted 1. Revised Accreditation Framework of NAAC 2. A Lecture on Why Implementing NEP is Critical to 21st Century 3. Skill-based lecture workshop on Participating in the Planetary Biodiversity Mission 4. Webinar on National Science Day on Safe and Affordable Drinking Water for All-From Idea to Market
Some quality initiatives	1. Adoption of Student Charter as part of code of conduct for students 2. Assigning faculty member as departmental co-ordinators to liaison with IQAC 3. IT Policy for the university 4. Interaction meeting conducted on 21-06-2022 with personnel of University Employment Information and Guidance Bureau led to improved career counselling and campus placement activities.

13. Whether the AQAR was placed before statutory body?	Yes
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- Name of the statutory body

Name	Date of meeting(s)
Syndicate	20/05/2023

14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?	No
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15. Whether institutional data submitted to AISHE

Year	Date of Submission
2021-2022	27/01/2023

16. Multidisciplinary / interdisciplinary

Mangalore University implemented NEP-2020 from the academic year 2021-22 onwards, with Regulations and Guidelines to facilitate implementation. Interdisciplinary/multidisciplinary programmes were introduced under NEP-2020 during 2021-22 academic year and each year detailed curricula of 2 semesters are being drafted by State-level Subject Committees and implemented, with minor modifications at University BoS levels. Thus, it is a continuous process until the first Hons graduates graduate. Curricula include languages, ability enhancement courses, skill enhancement courses, vocational courses, open electives, project work/internship, sports/cultural and extension activities, which are all aimed towards multidisciplinary/interdisciplinary and holistic, value-based education. Multiple Entry/Exit/Credit transfer levels are at Certificate, Diploma, Degree levels in first 3 years and Hons. programmes for the 4th year. Exit options include with Certificate after completion of credit equivalents of 48, UG Diploma after completion of 96 credits, Bachelor's Degree after completion of 132-140 credits and Bachelor with Honours after completion of 176-180 credits. Rigour of learning is maintained by compulsory internships at Certificate and Diploma levels, vocational courses at Bachelor's level and Research Methodology, Research Proposal and Project, and Research Internship at Hons. Level. The projects may be taken up on socially-relevant problems, in areas of community engagement, environment and sustainability etc. In lieu of research-related courses, additional value-added Electives, Entrepreneurship, Internship or Apprenticeship are also considered. Community engagement and service is through compulsory Internship, while Environmental Education, Indian Constitution and Gender Equity are value-based courses. Thus, several UG and PG Programmes are multidisciplinary/ interdisciplinary in nature. CBCS followed in PG consists of mandatory hard-core courses; optional soft-core courses; open electives on and off campus facilitating horizontal mobility between STEM and humanities; and project work (whole semester or in lieu of 1-2 theory/practical courses) carried out intra-/extra-murally in industries and national academic and research institutes. Faculty were given guideship in Interdisciplinary areas of research with several PhD students completing PhD research in Interdisciplinary areas. Advanced Research Centres such as CARRT, CARER, Microtron, PURSE Lab facilitate interdisciplinary research through

collaborative research. Youth Red Cross and NCC, which are the strengths of the University are introduced as value-based courses at the UG level.

Good Practice: Our Professors are Members in State-level Subject Committees for the development of Multidisciplinary/Interdisciplinary curricula under NEP-2020. Several models have been evolved at the University level that suit varied disciplines ranging from Science, Humanities, Social Sciences, Fine Arts, Education, Indian Traditional Knowledge Systems, Design, Business Administration, Commerce, Hotel Management, Hospitality Science, Visual Communication etc. The models are based on 1 major with theory and 1 major with practical, or both majors with practicals or both majors without practicals. Under Ability Enhancement Compulsory Courses (AECC) Environmental Studies, Digital Fluency, Gender Sensitization have been introduced. Towards this BoS were constituted, syllabi drafted with course outcomes and qualifications of teachers spelt out and awareness created among the students. These courses are successfully being offered in all the constituent and affiliated colleges of Mangalore University.

17. Academic bank of credits (ABC):

Mangalore University implemented NEP-2020 from the academic year 2021-22 onwards, with Regulations and Guidelines to facilitate implementation. Academic bank of credits to promote banking of credits has been adopted as per Regulations Governing the Choice Based Credit System Semester Scheme with Multiple Entry and Exit Options in all Degree Programmes across Faculties. This mechanism facilitates students to choose their own learning path to attain a Degree/Diploma/Certificate and works on the principle of multiple entry and exit anytime, anywhere, and at any level of learning. ABC will enable the integration of multiple disciplines of higher learning leading to the desired learning outcomes including increased creativity, innovation, higher order thinking skills and critical analysis. ABC will provide significant autonomy to the students by providing an extensive choice of courses for a programme of study, flexibility in curriculum, novel and engaging course options across a number of higher education disciplines/ institutions. The multiple entry and exit options for students is facilitated at all levels. Credit accumulation through the ABC scheme is possible for Mangalore University students to transfer and consolidate their credits in any HEI. The validity of credits earned will be for a maximum period of seven years. The procedure for depositing credits earned, its shelf life, redemption of credits, are as per UGC Regulations, 2021.

Good Practice: Mangalore University is duly registered on the ABC portal of the Ministry of Education, Govt. of India. The University has also appointed a Nodal Officer for implementation of ABC. The University has directed all colleges to direct students to register on the same portal. Once students have registered through the Digilocker, the University will be able to upload the credits to enable the student to transfer the credits to another institution of their choice. Thus credits from Mangalore University will be credited to the ABC of the student, who will be able to redeem them at an HEI elsewhere at a later stage. At present, as all Universities in Karnataka have already adopted NEP-2020, the transfer should be smooth, as similar models and programmes are followed across the State. At a later stage this may also be extended beyond the State. This will facilitate and foster student mobility and is also expected to go a long way in collaboration with unexpected, favourable outcomes.

18. Skill development:

Mangalore University implemented NEP-2020 from the academic year 2021-22 onwards, with Regulations and Guidelines to facilitate implementation. As per the Mangalore University Regulations and Guidelines for implementation of NEP-2020 from the year 2021 onwards, vocational courses form an essential component of 5th and 6th semesters that will be offered from 2023-24 onwards. Several of the vocational courses are along the lines of occupational/job role qualifications/skills sets required as per National/State Skill Qualifications Framework. Vocational courses will leverage the expertise of Industrial personnel to provide the requisite domain-specific vocational skills to the students. In addition, Internships, Apprenticeships, Projects are geared towards enhancing skill development.

In addition to curriculum-oriented skill development and enhancement through laboratory practicals and experiential training, specific skill-based courses including Ability Enhancement Courses, Skill Enhancement Courses, Vocational courses are focussed on skill development. Along with Skill Development, there is emphasis also for Value Based Courses, wherein the University offers Yoga, Health and Wellness, Youth Red Cross, Sports, NCC etc for 2 credits each. Furthermore, field work, research project work, Dissertation, Internship which are to be implemented from 2024-25 academic year onwards, are also geared towards skill enhancement.

As per the Mangalore University guidelines, in keeping with UGC, Blended learning (BL) mode as a new mode of teaching-learning and not a mere mix of online and face-to-face mode, but a well-planned combination of meaningful activities in both the modes, is to be used to help learners develop 21st century skills along with the effective learning and skill development related to the subject-domains. BL is planned to be carefully implemented and not to replace classroom teaching. As the blend demands consideration of several factors, mainly focusing on learning outcomes and the learner-centered instructional environment, the University proposes to follow the UGC concept note in this regard.

The University conducts regular ICT-enabling technology training for teaching and non-teaching staff, skill development training programmes for students through the Departments or Computer Centre. The IQAC organized a Skill-based hands-on Workshop on Laboratory Safety for newly recruited and existing lab assistants and a Skill-based Lecture on DNA Fingerprinting for students. Workshops on soft and transferable skills are conducted by individual Departments and by the Training and Placement Cell. The University has also appointed a Director for the Skill Development Centre. The University has also set up an Incubation Centre (MUIIC), in partnership with IBM India Pvt. Ltd and their subsidiary NCS India, with the aim to serve the students' needs in the job market. The centre has conducted workshops on data analytics, internet of things (IoT), cyber security, blue mix, SPSS, artificial intelligence and machine learning using python etc.

Good Practice: Under Skill Enhancement Courses, Mangalore University has introduced unique, state-of-the-art, 21st century domain-specific skills such as Artificial Intelligence, Financial Education and Investment Awareness and Cyber Security. Towards this BoS were constituted, syllabi drafted with course outcomes and qualifications of teachers spelt out and awareness created among the students. These courses are successfully being offered in all the constituent and affiliated colleges of Mangalore University.

19.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Mangalore University implemented NEP-2020 from the academic year 2021-22 onwards, with Regulations and Guidelines to facilitate implementation. Mangalore University was one of the first universities in the country to offer M.Sc in Yogic Science. The Dharmanidhi Yoga Peetha was established to foster yogic science in education and research with three-fold activities of teaching, therapy and research in Yoga. M.Sc. in Yogic Science was started in 1998 integrating ancient Indian knowledge and wellbeing system into education. Yoga Therapy and Yoga Spirituality are specializations offered. A PG Diploma is also being offered by the Department of Yogic Science. Indian Language studies that integrate Indian systems of knowledge, origins of language, literature including prose, poetry and grammar and local culture are conducted in the state language of Kannada, local languages Tulu, Konkani, Kodava and Beary, and national languages Sanskrit and Hindi leading to various academic programs. Value-added programs are offered in local cultural art forms such as Yakshagana. The Yakshagana Centre has magnificent human-sized Yakshagana statues on display in the Yakshagana museum, along with an amphitheatre. The Centre also houses literature on Yakshagana. The departments of Life Sciences, particularly Botany and Biosciences have courses on Medicinal plants, Ethnobotany, Traditional Knowledge of India etc. Options are provided for PhD students in Humanities to write their thesis in Kannada. Official language of the University is Kannada, with all official communications being in the State language. Moreover, concepts, clarifications, explanations in the class are also provided in Kannada language. Study centres dedicated to Indian saints such as Swami Vivekananda, Kanakadasa, Brahmashree Narayana Guru, Pavanje, Rathnakara Varni, Ambigara Chowdaiah have been established and conduct regular discourses, also online, to inculcate Indian knowledge and value systems. Other Indian cultural-based Study Centres on Tulu, Kodava, Konkani and Beary engage in interdisciplinary research on Indian knowledge systems with emphasis on regional folklore. Research on Boota Kola, cultural deities and practices is also conducted.

Good Practice: The Swami Vivekananda Study Centre organized highly successful, structured Online Discourses on Issues relating to Indian Knowledge and Value Systems, Youth responsibility towards nation building, social values and moral ethics in online mode on the 12th of every month in commemoration of 12th January being National Youth India in honour of Swami Vivekananda. This activity is conducted in collaboration with the Sri Ramakrishna Mutt, Mangalore.

20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Mangalore University implemented NEP-2020 from the academic year 2021-22 onwards, with Regulations and Guidelines to facilitate implementation. Towards implementation of OBE each department ensures that Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of Curricula offered are stated and communicated to teachers and students through meetings of the departmental council, Board of Studies, and orientation programmes. The faculty of each department discuss the requirements of the curricula and take collective decisions regarding the development and attainables of OBE through discussion with the experts on the BoS. COs are fructified in the classes, labs, and field by the amalgamation of various pedagogical approaches in enhancing the teaching-learning experience. The students' feedback regarding their interaction with the course contents and satisfactory attainment of POs, PSOs and COs is collected at regular intervals, reviewed by the BoS with ATRs being taken at Departmental level and placed in the Syndicate. The academic performance of the students is also reviewed in the BoS, attainment index calculated on the basis of formative and summative assessments as envisaged in NEP-2020.

Attainment of OBE is assessed by conducting internal tests, practical tests, seminars, assignments, project works and viva voce which provides a direct assessment of the theoretical knowledge gained, problem solving ability, analytical thinking ability, communication skills, presentation skills and practical skills of the student. Attainment is evaluated by the overall grades obtained by the students in the semester examination, the percentage of students with distinction/first class, the percentage of students getting suitable placement immediately after completion of the programme, the percentage of students qualifying for state level and national level competitive examinations and the percentage of students taking up higher studies. It is also assessed by the requisite knowledge of subject, skills and right attitude among students with professionalism, strong ethical values, capability to assume pivotal role in various academic and industrial sectors aligned with national priorities. COs are recalibrated to achieve the POs and PSOs. Mapping exercise helps in overview and sharpens approach in OBE. Courses pertaining to Skill Development, Employability and Entrepreneurship and those that pertain to Environment and Sustainability, Gender Issues and Professional Ethics and Values are being mapped. Entrepreneurial approach and skills to function effectively, efficiently, and ethically in diverse sectors of the academia or industry as gathered from the feedback of outgoing students, the alumni during alumni association meetings, and employers also have significance for OBE.

Good Practice: The University developed a well-designed, multi-pronged strategy towards implementing OBE as envisaged in NEP-2020 by constituting a Task Force, forming Sub-Committees, engaging with Subject-level Committees and Experts at State level, nominating a Nodal Officer, constituting special BoS for ability/skill enhancement and value-based courses, facilitating constituent, affiliated and autonomous colleges, holding interaction meetings with all stakeholders, handholding with colleges and uploading of FAQs on University portal.

21.Distance education/online education:

Mangalore University implemented NEP-2020 from the academic year 2021-22 onwards, with Regulations and Guidelines facilitating implementation. The University has launched Distance Education as per the NEP-2020 in order to provide access to higher education to all sections of the society. The objectives are to:

- Promote higher education through non-formal means or correspondence mode.
- Establish networking of learners and knowledge practitioners by means of ICT.
- Offer both conventional and innovative courses for knowledge proliferation.
- Take such courses to the doors of socially and economically disadvantaged sections.
- Collaborate with national and international educational organizations to promote excellence in non-formal education.
- Export quality higher education through communication networks.
- Encourage disadvantaged and weaker sections to acquire essential skills, information and knowledge to cope with the demands of emerging new professions in a fast-changing global society.

The Centre offers Bachelor's and Master's programmes in Humanities and Commerce.

During Covid period, all faculty switched to online means of teaching and learning by conducting online classes, using various online tools such as Webex and curating online learning material. A month-long online course on Research and Publication Ethics for PhD students was conducted. Thus, a large collection of online material in the Humanities, Science and Commerce is available for continuous distance learning.

Some centres are continuing the online mode for special, invited lectures on a regular basis. The University is also mainstreaming events on a dedicated YouTube Channel for the benefit of all stakeholders.

Good Practice: The University has established policies and processes for Open and Distance Learning (ODL). The University has explored various online ways and means for teaching-learning, PhD progress and evaluation, conduct of examinations, seminars, workshops, conferences etc. The University has also evolved regulations and guidelines pertaining to MOOCs on Swayam, NPTEL etc. Faculty and BoS recommend specific MOOCs to students. To enable realization of the focus of NEP-2020, which is flexible learning, self-paced learning, life-long learning, it is envisaged to develop regulations to pursue dual degrees simultaneously, through offline and online modes.

Extended Profile

1. Programme

1.1	72
Number of programmes offered during the year:	

File Description	Documents
Data Template	View File

1.2	29
Number of departments offering academic programmes	

2. Student

2.1	3390
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	1465
Number of outgoing / final year students during the year:	

File Description	Documents
Data Template	View File

2.3	2836
Number of students appeared in the University examination during the year	

File Description	Documents
Data Template	View File

2.4	67
Number of revaluation applications during the year	

3. Academic

3.1	1022
Number of courses in all Programmes during the year	

File Description	Documents
Data Template	View File

3.2	112
Number of full time teachers during the year	

File Description	Documents
Data Template	View File
3.3	173
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4. Institution	
4.1	3556
Number of eligible applications received for admissions to all the Programmes during the year	
File Description	Documents
Data Template	View File
4.2	699
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File
4.3	136
Total number of classrooms and seminar halls	
4.4	1087
Total number of computers in the campus for academic purpose	
4.5	3635.56
Total expenditure excluding salary during the year (INR in lakhs)	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

The University provides affordable, quality higher education and promotes learning opportunities to rural and semi-urban students through its 40 PG, 31 PhD, and 1 PG Diploma programmes, offered at two campuses. A wide range of curricula are developed and implemented in relation to local/national/regional/global developmental needs. While most programmes are globally competitive and attract international students, others offer courses of international relevance. Locally-relevant programmes include local languages - Kannada, Tulu, Konkani, Kodava, Beary; local cultures, social reform movements, geography of the district, biodiversity of the Coast and hotspot Western Ghats, marine geology etc. In keeping with national policies such as Swachh Bharath, courses on bioremediation of pollutants and heavy metals, rejuvenation of waterbodies, solid waste management, vermicomposting are offered. Swaasth Bharath is reflected in Physical Education, Yogic Science, Medical Physics and Food Science and Nutrition programmes; and courses such as Lifestyle Nutrition, Fortified Foods, Nutritional Biology etc. The Digital India program finds presence in Computer Applications in respective fields. Master's Programs in Computer Science, Computer Applications, Electronics, Cyber Security contribute to highly skilled human resource for India. Skill India is mirrored in all programs that are practical/field work oriented. Entrepreneurship and Commerce-related courses provide impetus to Make in India. Curricula for Multidisciplinary UG Programmes in Yogic Science and Geography have been approved.

File Description	Documents
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Upload relevant supporting document	View File
1.1.2 - Number of Programmes where syllabus revision was carried out during the year	
38	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year	
1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year	
785	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
1.2 - Academic Flexibility	
1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year	
65	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year	
40	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
1.3 - Curriculum Enrichment	
1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	
<p>The University curricula offer courses on socially-relevant issues such as gender, social reform movements, environment and sustainability, human values and professional ethics, thus sensitizing and conscientizing the stakeholders. Courses with focus on gender issues include, among others, Reading Women's Writing, Gender Studies, Women's writing in India etc. A course on Gender Sensitivity was introduced as mandatory course in NEP-2020. The Centre for Women's Studies offers Electives on Gender and Development, and Entrepreneurship Development. Social issues are the focus of courses on Population Studies, Social Work with Families, Geriatrics, Addiction etc. As per UGC guidelines a new PhD course on Research and Publication Ethics was introduced in all PhD programmes. Research methodology courses, which include ethics with relevance to human and animal ethics, experimentation, biosafety, professional research ethics, reporting data, plagiarism, are offered. Human values and professional ethics in workplaces are included in the curricula. Courses on environment and sustainability are offered as independent Masters Program or as courses which include, among others, conserving biodiversity, rainwater harvesting, biomaterials, sustainable materials, vermitechnology, wildlife conservation and management, environmental microbiology, agricultural microbiology, environmental geography, chemical safety, green chemistry, resource conservation and management, regional development and planning etc. It is proposed to mainstream SDGs by offering more courses on Sustainability.</p>	
File Description	Documents

Upload relevant supporting document	View File
1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year	
12	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
1.3.3 - Total number of students enrolled in the courses under 1.3.2 above	
1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year	
927	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
1.3.4 - Number of students undertaking field projects / research projects / internships during the year	
1400	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
1.4 - Feedback System	
1.4.1 - Structured feedback for design and review of syllabus - semester wise / is received from Students Teachers Employers Alumni	<ul style="list-style-type: none"> All 4 of the above
File Description	Documents
Upload relevant supporting document	View File
1.4.2 - Feedback processes of the institution may be classified as follows	<ul style="list-style-type: none"> Feedback collected, analysed and action taken and feedback available on website
File Description	Documents
Upload relevant supporting document	View File
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Demand Ratio	
2.1.1.1 - Number of seats available during the year	
1476	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)	
2.1.2.1 - Number of actual students admitted from the reserved categories during the year	
663	
File Description	Documents
Upload the data template	View File

Upload relevant supporting document	View File
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2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

The slow and advanced learners are identified based on interactions, assignments and written tests. Seminars are conducted regularly to assess the knowledge and learning abilities of the students and extra coaching is given wherever necessary. The learning levels of the students are evaluated based on the results of the examinations and appropriate action is taken as discussed in the BOS meetings. PO/CO Attainment index is calculated from performance of the students in the examination. Tutorials/Bridge courses are conducted regularly, and slow learners are provided with one to one interaction with teachers to solve their academic problems. Lecture notes and reference materials are provided to slow learners to facilitate learning. Surprise tests, quizzes, group discussions etc. are conducted to boost the confidence of slow learners. In departments like Physical Education, standardised skill and fitness tests are conducted periodically. Highly skilled students are given the responsibility to guide the average and weak students to bring them into the mainstream. Special demonstration classes by faculty and industry experts are arranged to motivate advanced learners to take up higher studies, to take up projects and participate in subject-related co-curricular activities. Students are also encouraged to participate in conferences held in-house and in neighbouring institutions.

File Description	Documents
Upload relevant supporting document	View File
Link For Additional Information	https://mangaloreuniversity.ac.in/adjunct-professor

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
3390	112

File Description	Documents
Upload relevant supporting document	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences

The departments consistently believe in, and practice student-centric pedagogies. Teaching-learning methods adopted by faculty members include lecture method, interactive method, home assignments, project-based learning, computer-assisted learning, and experiential learning. The faculty regularly interact with the students to assess their understanding. To inculcate creativity and motivate them to participate in higher learning, seminars, group discussions and workshops are conducted routinely which help to develop their communication, analytical, technical, social and experimental skills, and gain hands-on experience. Visits to industries, R & D labs and central facilities are regularly undertaken to keep the students abreast of the developments in their fields, and the state-of-the-art facilities available for research. Field trips and study tours enable students to acquire field experience and interaction with the public to understand societal problems. Rural/tribal residential camps are organised to provide an opportunity to experience community life and dynamics, including functioning of local self-government, voluntary organisations and Government schemes. Special lectures by adjunct faculty, eminent scientists, entrepreneurs, social scientists, and industrialists are organized to create awareness about their social responsibilities and to prepare them for life's challenges. Subject-specific associations provide a platform to showcase students' talents, manage inter-collegiate competitions, and learn through fun and activity.

File Description	Documents
Upload relevant supporting document	View File

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

ICT has enabled faculty members to use a variety of aids and technology to enhance the teaching-learning experience. Classrooms and seminar halls in every department are equipped with multimedia teaching aids like interactive boards, LCD projectors, smart boards, and computers with internet connectivity alongside traditional blackboard/whiteboard chalk-talk teaching tools. Every faculty member is provided with laptops which they use effectively for teaching and research. The major electronic resources such as NPTEL, MOOCs, Coursera, Youtube, digital libraries including Inflightnet, spoken tutorials are accessible to faculty as well as students. Databases such as PubMed, NCBI, EMBL, DDBJ, OMIM, KEGG, PDB, UNIPROT, Saccharomyces genome, cancer genome atlas, human genome TKDL and tools like Rasmol, BLAST and FASTA are used by Life Sciences faculty members and students for teaching and learning. Statistical tools used in teaching and learning process include SPSS, Graph Pad Prism etc. Licensed software such as MS Office, and Open Source Software such as Latex and Open Office are used by faculty members as well as research scholars and students for preparing slides for presentation and documentation. Softwares such as Rstudio, Matlab Java, Python, LIS (Library Information System) are being used by Computer Science, Mathematics, Statistics and Electronics students for regular laboratory courses.

File Description	Documents
Upload relevant supporting document	View File

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

100

File Description	Documents
Upload relevant supporting document	View File

2.4 - Teacher Profile and Quality

2.4.1 - Total Number of full time teachers against sanctioned posts during the year

112

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

104

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

2006

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

01

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5 - Evaluation Process and Reforms	
2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year	
150	
2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year	
150	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year	
67	
File Description	Documents
Upload relevant supporting document	View File
2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution	
<p>University Examination Section is using the latest technologies for improving the efficiency of the examination system. The university has developed an in-house software called MULinx for processing of error-free results and marks cards. This was undertaken to do away with outsourcing the examination work. This software has significantly improved the credibility/confidentiality in the examination process. From 2022 onwards, Unified University and College Management System (UUCMS), which is a flagship program of the Dept. of Higher Education, Govt. of Karnataka has been implemented. The UUCMS unifies and integrates the functioning and governance of all colleges and public universities in the state from affiliation, admission, uploading of internal assessment marks and attendance, registration for examination, online payment of exam fee, generation of hall ticket, conduct of examination, coding of answer scripts, mapping of the evaluators, online entry of marks and declaration of results. This UUCMS application is used by all stakeholders. A helpdesk that liaisons with State Govt and assists stakeholders has been set up for smooth functioning of UUCMS portal. Both MULinx and UUCMS have faced issues which have affected timely declaration of results. Any issue faced with UUCMS needs to be communicated to the Govt., which then takes necessary remedial measures.</p>	
File Description	Documents
Upload relevant supporting document	View File
2.5.4 - Status of automation of Examination division along with approved Examination Manual	A. 100% automation of entire division & implementation of Examination Management System (EMS)
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
2.6 - Student Performance and Learning Outcomes	
2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents	
<p>The Programme Outcomes, Programme Specific Outcomes, and Course Outcomes of Curricula offered are displayed on the University website and made known to every stakeholder through meetings of the Departmental Council, Board of Studies, and orientation programmes. The faculty of each department discuss the requirements of the syllabus and design the contents of the syllabus keeping in view Programme Outcomes, Programme Specific Outcomes and Course Outcomes through discussion with the experts on the Board of Studies. The Course Outcomes are highlighted in the classes by the teachers handling the respective courses. The updates in the syllabus are made available to the</p>	

students through hand outs and also through the university website. The students' opinion about the effective delivery of course contents and meeting the course outcomes is collected as feedback through online questionnaire at regular intervals and reviewed by the Board of Studies. The academic performance of the students is also reviewed in the Board of Studies and problems, if any, are discussed and remedial measures taken. If the course outcomes are not realized, steps are taken to modify the syllabus to re-modify and fill the gaps.

File Description	Documents
Upload relevant supporting document	View File

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

The attainment of Course Outcomes in each Programme is evaluated by conducting internal tests, practical tests, seminars, assignments, project works and viva voce which provides a direct assessment of the theoretical knowledge gained, problem solving ability, analytical thinking ability, communication skills, presentation skills and practical skills of the student. The attainment of the Programme Specific Outcomes is evaluated by the overall grades obtained by the students in the semester examination, the percentage of students with distinction/first class, the percentage of students getting suitable placement immediately after completion of the programme, the percentage of students qualifying for state level and national level competitive examinations and the percentage of students taking up higher studies. The attainment of Programme Outcomes is assessed by the requisite knowledge of subject, skills and right attitude among students with professionalism, strong ethical values, capability to assume pivotal role in various academic and industrial sectors aligned with national priorities. Entrepreneurial approach and skills to function effectively, efficiently, and ethically in diverse sectors of the academia or industry as gathered from the feedback of outgoing students, the alumni during alumni association meetings, and employers also define the programme outcomes.

File Description	Documents
Upload relevant supporting document	View File

2.6.3 - Number of students passed during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

1420

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

<http://www.mangaloreuniversity.ac.in/iqac-23/2-7-1-student-satisfaction-survey-on-overall-institutional-performance>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

University has well-defined research policy, a Research, Development, Consultancy and Patent Cell and state-of-the-art research facilities in Chemical, Materials and Life Sciences, and Radiation Physics. Majority of facilities are installed in central facilities such as PURSE and USIC. Three national facilities; Microtron Centre, Centre for Advanced Research in Environmental Radioactivity (CARER), and Centre for Application of Radioisotopes and Radiation Technology (CARRT) with advanced facilities are involved in inter-disciplinary research. Technical details of instruments are provided on the University website. Details of some of the high-end instruments in individual departments are also made available on the website. The details of new facilities, as and when installed, are updated periodically on the University website. The facilities in the research centres are extended to other institutions to promote collaboration and inter-disciplinary research. CARER, CARRT, Microtron Centre, PURSE,

USIC and individual departments have users from several institutions from India and abroad. Facilities are extended on a chargeable basis to generate maintenance expenses with nominal charges mentioned on the University website. Periodic training and workshops on instruments and related areas are conducted. Research promotional avenues such as sabbatical leave, seed money, exchange programs, foreign visits, research fellowships and freeships are also provided. Research infrastructure and quality mentoring has attracted international PhD and Masters students.

File Description	Documents
Upload relevant supporting document	View File

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

2

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

49

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery

A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	View File

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

6

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

2.5

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

584.0

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

18

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

University has created an eco-system for innovation as indicated by quality publications, h-index of 82, and patents. Mangalore University Incubation Centre (MUIC), the flagship initiative in partnership with IBM India Pvt. Ltd and their subsidiary NCS India, serves the students' needs in the job market. It offers certificates, diplomas, advanced diplomas, internships and project programs in latest technology trends. IBM being on board, facilitates MUIC to adapt and evolve to the latest technologies and offer tailor-made courses/training. The centre has conducted workshops on data analytics, internet of things (IoT), cyber security, blue mix, SPSS, artificial intelligence and machine learning using python etc. Courses on (i) open stack platform for open-source cloud computing, (ii) use of Qualnet for research on protocol and waveform technology, network design and architecture optimization, capacity prediction, modelling, mission planning, early-stage device design comparisons, and (iii) mobile forensics and cybercrime are envisaged. Patent has been granted for development of anti-cancer drug of plant origin to Prof. K.R. Chandrashekhar and Dr. Bhagya N. A Design Patent has been granted to Dr. A. Ambalgi for dual radio frequency receiver antenna cum solar panel. Series of Workshops have been conducted on new tools such as AI, Machine learning, Innovation and Entrepreneurship.

File Description	Documents
Upload relevant supporting document	View File

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

28

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

28

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

4

File Description	Documents
Upload the data template	View File

Upload relevant supporting document	View File
3.4 - Research Publications and Awards	
3.4.1 - The institution ensures implementation of its stated Code of Ethics for research	
3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following <ol style="list-style-type: none"> 1. Inclusion of research ethics in the research methodology course work 2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc) 3. Plagiarism check 4. Research Advisory Committee 	A. All of the above
File Description	Documents
Upload relevant supporting document	View File
3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website	E. None of the above
File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded
3.4.3 - Number of Patents published/awarded during the year	
3.4.3.1 - Total number of Patents published/awarded year wise during the year	
2	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
3.4.4 - Number of Ph.D's awarded per teacher during the year	
3.4.4.1 - How many Ph.D's are awarded during the year	
117	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year	
338	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
3.4.6 - Number of books and chapters in edited volumes published per teacher during the year	
3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year	
45	
File Description	Documents

Upload the data template	View File
Upload relevant supporting document	View File

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

E. None of the above

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
3.88	3.97

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science - h-Index of the University

Scopus	Web of Science
20	15

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

The University has a well-stated policy for consultancy and revenue sharing. University identifies areas and expertise of the faculty and encourages them to take up consultancy. The terms and conditions for taking up consultancy are stated clearly in the policy document. The University approves the consultancy fees based on the recommendations of the faculty undertaking the consultancy, and it is based on the quantum of work involved and technology developed. The University shares 50% of revenue generated with the concerned faculty. Several faculty members have extended high-value consultancy services to industries, including reputed institutions/industries such as the Nuclear Power Corporation of India Ltd., etc. Consultancy services are also provided in testing samples from industries, and a significant amount of funds have been generated. The services provided by the Centre for Advanced Research in Environmental Radioactivity (CARER) in testing and issuing certificates for radioactivity in commodities destined for export and inland uses are commendable. Similarly, the Centre for Application for Radiation and Radioisotopes (CARRT) has provided valuable services in gamma irradiation facilities (blood and bone marrow irradiation) to medical institutions and hospitals in the region. DST-PURSE Facility offers consultancy on analysis of materials. Faculty of Commerce are also actively involved in imparting consultancy services.

File Description	Documents
Upload relevant supporting document	View File

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

22.43

File Description	Documents
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Upload the data template	View File
Upload relevant supporting document	View File

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

The University is involved in various extension activities, including social surveys and research/extension work targeting the underprivileged sections of the society. In line with the mission statement, the University has organized programmes for the benefit of the neighbourhood communities. They are:

- Village adoption,
- Training rural students and school teachers in computers,
- Motivational camps,
- Medical, blood donation and yoga camps,
- Swachh Bharat Abhiyaan,
- Establishment of medicinal plants garden, exhibition and encouragement to cultivate medicinal plants,
- Research, review, documentation and revitalization of traditional medicinal practices of the tribes of Western Ghats,
- Street plays on social issues,
- School adoption,
- Beach cleaning activities etc.

Through NSS, camps are conducted to address health, environmental, and cultural issues. Knowledge is shared with the neighbourhood community by arranging lecture series and by publishing books on current issues through Prasaranga. Workshops/training on gender equity, women's empowerment, alternative energy sources, and vermitechnology are arranged. Yakshagana Study Centre arranges lectures/workshops and honours artists besides training students from neighbouring schools. The departments of Social Sciences organized programmes to sensitize communities on social issues like discrimination, gender equity, alcoholism, communal harmony, family planning and child health, and local governance. The indoor and outdoor sports facilities are extended to locals. Students actively participate in all these extension activities.

File Description	Documents
Upload relevant supporting document	View File

3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

53

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

2080

File Description	Documents
Upload the data template	View File

Upload relevant supporting document	View File
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3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

21

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

23

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

Mangalore University campus spread over 353 acres has built-up area of 1,14,823 sq.m. with 15 teaching blocks/buildings accommodates 29 Departments offering 40 PG, 31 PhD and PG Diploma programmes. PG Centre-Chikka Aluvara has 70.47 acres and built-up area of 10,250 sq.m., accommodates 02 departments with 12 PG programmes. Advanced Research Centre-Belapu has 20 acres, built up area of 80937.2 m.sq. Out of 110 classrooms, 92 are ICT-enabled. 29 halls exist for conducting seminars/workshops. Out of 138 laboratories, 55 are for research and 25 for computing with 484 PCs, 160 laptops. High-end, sophisticated instruments like NMR, LCMS, XRD, HPLC, FTIR, UV-Vis, RF/DC-magnetron, EDS, AAS, FESEM, TGA-DTA/DSC, Amino acid analyser, Laser particle size analyser, Cytogenetic workstation, Gel Doc, PCRs, Logic Analyser, and Liquid Nitrogen plant are housed in PURSE and USIC. Advanced Research Centres and Incubation Centres are established. A few databases/software namely PROWESS, SPSS and QualNet are available. Language and IoT Laboratories facilitate language and ICT skills. Library has over 1,50,000 volumes including books, journals, theses, dissertations, government documents and provides access to 7000+ full-text journals, e-resources and plagiarism software. Campus is Wi-Fi enabled with internet speed of 1GBPS. IP-based telephones are provided. Digital University Information Management System maintains the University website.

File Description	Documents
Upload relevant supporting document	View File

4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

University has adequate infrastructure for promoting sports, indoor games, cultural activities and yoga. The Directorate of Physical Education has a 400 mts track with pavilion, playground, air-conditioned Fitness Centre, multipurpose Indoor Hall, and well-equipped Sports Science research labs for sports performance evaluation, sports injury and treatment. Department of Yogic Sciences, the first of its kind when established, provides yoga therapy for various kinds of ailments through Dharmanidhi Yoga Peetha, besides teaching and research in Yogic Science and spreading awareness on the benefits of Yoga. Directorate of Student Welfare encourages and fosters cultural activities of the students by promoting initiatives for the creation of a cultural ethos within the University and organizing Talents Day, Traditional Day, and Sambhrama - an annual student fest, which provide opportunities to students to showcase their talents at the state-of-the-art Mangala Auditorium. Each block has ICT-enabled seminar halls. Yakshagana amphitheatre hosts training programmes to disseminate cultural

heritage of the renowned regional folk art Yakshagana. Yakshamangala Museum displays life-size models and artifacts related to Yakshagana. Kannada Museum houses ancient artifacts and palm manuscripts of the regions while Molluscan Shell Museum showcases 3000 shells from around the world. The green campus with pedestrian paths provide space and ambience for morning/evening recreational walks.

File Description	Documents
Upload relevant supporting document	View File

4.1.3 - Availability of general campus facilities and overall ambience

The campus has facilities like auditorium with seating capacity of 1000, six seminar halls, museums, botanical gardens, arboretum, workshops, yoga therapy lab, cyber labs, hostels for men, women, and working women, state-of-the-art fitness centres, indoor sports complex, staff quarters, guesthouses and well-equipped health centre with doctors, counsellor and support staff. University has its own power distribution centre and water supply. Two nationalized banks, four ATMs, BCM hostels for men and women, post office, a day-care centre, Kindergarten to UG College through all levels, shopping complex, canteen, telephone exchange, publication wing-Prasaranga and Employees Credit Co-operative Society are available to cater to the needs of stakeholders. Different bodies like the Directorate of Student Welfare, College Development Council, SC/ST Cell, OBC Cell, University Employment Information & Guidance Bureau, Sensitization, Prevention and Redressal of Sexual Harassment Cell, and Anti Ragging Committee help in interacting with the stakeholders. Security personnel backed up with CCTV surveillance and housekeeping/garden staff keep the campus safe and clean. Outdoor learning points have been established. Campus is surrounded by large number of trees, parks and lawns making it a green campus and ranked 1st in the country and 132nd in the world as most sustainable university 2021 by Green Metric.

File Description	Documents
Upload relevant supporting document	View File

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

829.35

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

The University library is automated with the Koha Integrated Library Management Software which provides different modules such as Cataloguing, OPAC, Serial Control, Circulation, Acquisition, Patron management, Searching Basic/Advance, Report, and Tools which help in smooth functioning of the library. Bibliographical information of books are entered in catalogue, through MARC 21 format and is barcoded by Koha, which can be accessed via web OPAC. The University Library has 14 online databases under e-shodhasindu to provide access to 7000+full text journals and 75,26,585 e-books to its stakeholders. They can access these anywhere in the campus through wifi facility, including hostels, in the campus on 24x7 basis. In addition to this, library has 2,23,646+ printed books collection. The library has a dedicated cyber lab for the benefit of the users. Library has started Online service of sending scanned copy of cover pages and content pages of journals/text books on arrival to the individual faculty members through e-mail. Library has started to issue smart cards to all faculty members, research scholars and students, which are used as library borrower card as well as university ID Card. Library has licensed software Ouriginal from Turnitin for plagiarism checking of Ph.D thesis submitted to Mangalore University.

File Description	Documents
Upload relevant supporting document	View File

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e - journals e-books e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File
4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)	
16.45	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)	
374	
File Description	Documents
Upload relevant supporting document	View File
4.3 - IT Infrastructure	
4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year	
99	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility	
<p>The Institution provides sufficient funds as and when required for requisite updating and regular maintenance of IT infrastructure. The campus is provided with 2 leased lines to facilitate internet access. 1Gbps speed leased line is provided under National Knowledge Network programme and another leased line of 500Mbps speed by i-On Systems. Both the leased lines use BSNL circuit. The entire campus is updated with secured internet connectivity by installing state-of-the-art Firewall. Wi-Fi controller with a redundant controller consists of 195 indoor access points and 10 outdoor access points distributed across the campus. Adequate security has been ensured for connectivity to the network by allowing access to only registered users. RF-based CCTVsetup is established with 147 cameras of different types installed on the campus, covering most of the areas of the University. The security system set-up stores video footage for a period of 30 days which can be viewed directly. The footage of a particular time slot can also be copied separately. The control of the entire set-up is hosted at Computer Centre. The license for the Online Webex Platform was subscribed to for smooth conduct of online classes, seminars, meetings. A comprehensive IT policy exists. A new computer Lab with 60 computers, smart board, screen and other IT infrastructure has been set up.</p>	
File Description	Documents
Upload relevant supporting document	View File
4.3.3 - Student - Computer ratio during the year	
Number of students	Number of Computers available to students for academic purposes
2740	868
4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)	
• ≥ 1 GBPS	
File Description	Documents
Upload relevant supporting document	View File

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing	A. All of the above
File Description	Documents
Upload relevant supporting document	View File
Upload the data template	View File
4.4 - Maintenance of Campus Infrastructure	
4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year	
1966.7	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.	
<p>Every year the university makes sufficient budgetary provision for the maintenance of its various physical, academic and support facilities and utilizes this grant for their maintenance. Repair and maintenance works related to electricity, electrical and solar energy appliances, water supply, sanitation and civil maintenance are carried out by the Engineering Division via e-tendering or on-call basis as per procedure. The equipment maintenance is undertaken by USIC and heads of various Centres and Departments by following the university norms. Maintenance of IT infrastructure is carried out under AMCs overseen by the Computer Centre Director via e-tendering. Sports facilities are maintained by the Directorate of Physical Education through AMC or on-call basis. Maintenance of horticulture facilities is outsourced by engaging required number of employees under the supervision of a horticulture expert and Estate Officer. Following required procedure, the estate officer provides 24x7 security services to safeguard all facilities and stakeholders with the help of required number of outsourced guards. University endeavors to ensure optimal utilization of its facilities by issuing guidelines. Facility-wise, daily logbooks are maintained to monitor the utilization level. Scientific equipment in central laboratories, library and sports facilities are made available for the users of other institutions at nominal charges.</p>	
File Description	Documents
Upload relevant supporting document	View File
STUDENT SUPPORT AND PROGRESSION	
5.1 - Student Support	
5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)	
1801	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year	
586	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology	<p>A. All of the above</p>
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File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	<p>• All of the above</p>
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File Description	Documents
Upload relevant supporting document	View File

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

69

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.2 - Total number of placement of outgoing students during the year

181

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

49

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

2

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

A Postgraduate Students Council exists for consultative, participatory, facilitative, democratic mechanisms towards student support, grievance redressal and all round development. The PG Students Council for 2021-22 was formed and inaugurated with President, Vice President, Secretary, Joint Secretary, Cultural Secretary, and Joint Cultural Secretary as Office bearers. An inter-departmental Talents Day was conducted. As part of 75th Independence Day, Azadi Ka Amrith Mahotsav, a special lecture by Shri Rajesh Padmar was organized along with Essay, Debate and Patriotic Song competitions with winners being awarded certificates and cash prizes. Inter-Collegiate cultural competitions were conducted at various affiliated colleges for UG and PG students. To develop students' cultural skills and spirit of team spirit, 'Sambhrama', an Inter-departmental cultural competition was conducted. Ganeshotsava was celebrated on campus. To support economically poor students, the Mid-day-meal scheme was continued during the year. A Student Handbook has been prepared on the facilities available on the campus and uploaded on the University web portal. Student Council Office bearers represent the student body in various committees or statutory bodies such as Academic Council, IQAC, ICC, Anti-ragging Cell, etc. The Student Council is able to communicate student welfare-related issues to the administration for necessary action, speedy redressal etc. Provision has been made for students to submit their grievances, suggestions and ideas online through a dedicated link on the website.

File Description	Documents
Upload relevant supporting document	View File

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

52

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services during the year

Mangala Alumni Association (MAA) is a registered body of more than 25000 former students of Mangalore University, Mangalagangothri, which came into existence in the year 2006 with a vision of representing the academic and professional issues of alumni, faculty and students of its alma mater. The office bearers get elected every year and the executive council of the association meets on every third Saturday of every month to discuss programs and their implementation. Mangala Alumni Association (MAA) has instituted a Gold Medal in the name of its Former Honorary President, (late) Sri. Ananthakrishna to first rank holder in MSc Mathematics. In this connection MAA has contributed total of Rs. 1,54,500/- to the University. In collaboration with Department of Statistics of Mangalore University, MAA conducted a "One day Workshop on Statistical Consultancy" for Research Scholars on 16th July 2022 at Mangalagangothri campus. About 100 research scholars from Mangalore University attended and benefitted from the programme. Objectives of MAA revolve around facilitating and establishing a synergy between the University and alumni by fostering greater academic interaction, establishing national and international linkages, and extending support towards placements.

File Description	Documents
Upload relevant supporting document	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

C. 3 Lakhs - 4Lakhs

File Description	Documents
Upload relevant supporting document	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1 - Institutional Vision and Leadership**

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and

administrative governance

The governance initiatives undertaken to further the vision and mission include:

Academics and Research

1. Strengthening of NEP-2020; introduction of skill enhancement and value-based courses
2. Organisation of periodic skill development programmes for stakeholders
3. Conduct and participation in seminars/conferences by faculty/students through financial and logistic support.
4. Plagiarism software revised version implemented.
5. Research and Consultancy Cell upgraded to Research Development Consultancy and Patent Cell.
6. Signed MoUs with international/national agencies for collaborative research.
7. Biosafety Committee was constituted.
8. Activities of Placement Cell strengthened.
9. Adjunct faculty selected to strengthen academics and research

Extension and Outreach

1. Inauguration of Rani Abbakka Study Centre.
2. Organization of training and awareness programs by Study Centres and Endowment Chairs regarding local languages, culture, folklore etc.
3. Local languages - Tulu, Konkani, Beary, Kodava included in academic programmes.
4. Admission to PG programme is provided under cultural activity.
5. Adoption of 14 primary/high schools with infrastructural and academic assistance.
6. Public awareness programmes on Blood donation, Eco-friendly School competition.
7. Periodic Swatchata Abhiyan, Vivekavani - a programme of Swami Vivekananda Study Centre, and youth programmes.
8. Distribution of COVID-19 food kits.

Infrastructural Developments

1. State-of-the-art Computer Lab with 60 computers in Lecture Complex.
2. Stage of Mangala auditorium upgraded.
3. Implementation of UUCMS for admission.
4. Strengthening of e-office

File Description

Documents

Upload relevant supporting document

[View File](#)

6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

The Vice-Chancellor and Officers of the University such as Registrar (Administration), Registrar (Evaluation) and Finance Officer engage in participative management with the overview of the Management Body, the Syndicate. While the Vice Chancellor is responsible for overall policy direction, he is ably assisted by Officers tasked with specific responsibilities. Thus, the University operates through structured decentralization with collective decision-making and participative management. All decisions of the University are guided by recommendations of the Committees constituted for the purpose. From the BOS and Departmental Council of each department emanate academic initiatives which get implemented after due approval by the concerned Faculty, Academic Council and the Syndicate. In these bodies, teachers and other stakeholders are actively involved and decisions pertaining to academics, research, infrastructural development, welfare measures, are adopted after democratic deliberations. In the making of decisions, student's voices are heard as students have representation on bodies like Academic Council and committees like Anti-ragging Cell, Special Cell for Women, ICC, IQAC, Hostel management and Canteen Committees. The Students Union, Teacher's Association (MUTA) and Non-teaching staff association guide some of the University's decisions as their demands are adequately and satisfactorily addressed. The Alumni association plays a significant role in developmental activities such as infrastructural development or human resource development.

File Description

Documents

Upload relevant supporting document

[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The University plans and evolves strategies to effectively deploy the plan through a series of targeted, time-bound, outcome-oriented initiatives. For instance, NEP-2020 initiated in 2020-21 was further strengthened through interactions with State-level bodies and various stakeholders. The road map for NEP-2020 was implemented under the tag line connect, create and change. In keeping with ICT advancements for transparent procedures, the Online affiliation process was initiated and the Online Unified University College Management System (UUCMS) adopted through training to all stakeholders in affiliation, admission and examination modules leading to paper-less admissions. e-office implementation was further strengthened through training programs. Awareness programmes and campus initiatives on Health Care, POSH Act, Yoga, Acupressure, Anti-drug, Anti-human trafficking and Blood Donation, with a listing of University Blood Donors and Handbook release. Azadi ka Amruth Mahotsav was commemorated at all departments with meaningful programs. Covid-19 related measures were continued with online webinars, online meetings for PhD Viva and Doctoral Committee, COVID Food kit distribution, Covi shield Vaccination drive and clean, hygienic, sanitation measures being implemented and extended. As per UGC, University organized a month-long Webinar on Research Publication Ethics, 6-day National Workshop on Research Methodology and introduced a compulsory Course on the subject. A new department of PG studies and research in Geography was started with Govt. approval.

File Description	Documents
Upload relevant supporting document	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The Vice Chancellor is ably assisted by the Officers in executing plans following approval from statutory bodies and the Hon'ble Chancellor. Officers and staff are governed by statutes and regulations of the University, UGC regulations and Karnataka Universities Act 2000. Statutes, regulations and guidelines pertaining to service rules, procedures, recruitment, promotional policies, etc. are as per UGC norms. Screening-cum Evaluation Committees for promotion of teachers are constituted to facilitate CAS. Biosafety and Ethics Committees (Animal, Human) are reconstituted from time to time as per Regulations. Procedures for procurements are as per the KTPP Act with committees such as Building, Purchase, e-tender Specification, e-tender Scrutiny etc. meeting at regular intervals. Leveraging support from the Association of British Scholars, various programs have been conducted for faculty and students. Training and Placement Cell was strengthened to increase career counselling and training in competitive exams. Additional Special Officers were appointed to assist Administrative Officers. Handholding of colleges for NEP-2020 implementation was implemented through online consultations. Selection of adjunct faculty, guest faculty and other non-teaching positions was done as per norms. Safe and congenial study environment for Women, SC/ST is ensured through dedicated Cells and grievance redressal mechanisms. All decisions of the University are based on duly constituted Committee recommendations after due participative, consultative and democratic practices.

File Description	Documents
Upload relevant supporting document	View File

6.2.3 - Institution Implements e-governance in its areas of operations**6.2.3.1 - e-governance is implemented covering following areas of operation**

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

Faculty and non-teaching staff submit their yearly performance appraisal reports, which are perused for regular time-bound performance-based promotions for non-teaching staff/CAS promotions for teaching staff. Measures to enhance professional competence of teaching and non-teaching staff include hands-on workshops on e-governance, KTPP Act for financial prudence, seminars on NAAC and other rankings, professional development programmes etc. Faculty members are provided registration fee and Travel reimbursement and on duty leave to attend and participate in orientation/refresher courses, workshops/seminars, international/national conferences/symposia. Sabbatical leave is granted to carry out advanced research/academic work. Annual Best Teacher Awards acknowledge the role and importance of teachers in the University's growth. The University campus is green, self-contained and provides all the essential facilities and infrastructure for the pursuit of excellence in higher education, including well-equipped health centre, shopping complex, food court, two nationalized banks, ATMs, post office, indoor gym/fitness centre and yoga therapy centre. The University offers residential quarters, Day-Care Centre, education institutions from kindergarten. Employees have formed a Credit Cooperative Society. Internet and Free Wi-Fi has been made available to teaching and non-teaching staff on the entire campus. One PG Seat/programme is earmarked for employee/former employee wards. Medical treatment is reimbursed for teaching and non-teaching staff and Covid kits have been distributed.

File Description	Documents
Upload relevant supporting document	View File

6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

2

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

15

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

65

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The Budget Book of the University, released each year, leverages periodic expenses of the previous year to individual Units/Departments/Centres/ Offices to earmark the budgetary provisions for the current year towards optimal utilization. Optimum utilization is ensured through justified allocation for effective teaching-learning practices and research, operational and administrative expenses, maintenance of fixed assets, enhancement of library facilities, and development and maintenance of infrastructure. The Block Grant is spent by the University on salary of teaching and non-teaching staff. The University also mobilizes some resources from funds generated through the partially self-financing courses that it runs, affiliation fees etc. Special Grant is received from the State Govt under SCP/TSP towards scholarships and Development Grants from time to time. Resource mobilization is also carried out

through funding from alumni/donors, interest on corpus funds and fees. Funds generated from these sources are primarily used for maintenance and development of infrastructure. The University provides space on lease for various commercial utility facilities for the benefit of stakeholders and the society. Departments are encouraged to submit proposals for workshops, conferences, seminars and other funding avenues available to conduct various programmes. During Azadi ka Amruth Mahotsav year, all Departments were provided financial assistance to conduct relevant programmes for students. Procurement policies and procedures such as KTTP, gem-portal, e-tendering mechanisms are followed with due transparency.

File Description	Documents
Upload relevant supporting document	View File

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

150.0

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

6.4.4 - Institution conducts internal and external financial audits regularly

The Finance Officer ensures that proper procedures are followed as per KTTP Act by the respective department/staff before releasing the payment. Thus, an internal audit is part of the functioning in the Finance section which ensures proper utilisation of resources. Such internal audit includes undertaking checks and measures of various documents such as the call for tenders, work orders issued, work completion certificates and so on. The internal audit process starts from case workers and moves up to the Finance Officer. In the meanwhile, if there are any clarifications to be sought, the documents are sent back to the concerned department and clarifications sought. Subsequently, upon satisfactory submission of relevant documents, approval is given for the release of payment by the Finance Officer with concurrence of the Vice Chancellor. State/Central Government (AG) audit officers regularly conduct a detailed audit of each financial year. The detailed audit report is presented before the Vice Chancellor and Officers and corrective measures, if any recommended, are taken seriously. For extramural grants towards projects/programmes, auditing of UC/SE is carried out for individual projects/programmes and duly submitted to the funding agencies.

File Description	Documents
Upload relevant supporting document	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

Strengthening the NEP - The NEP was further strengthened by proposing additional multidisciplinary UG programs leading to four-year BSc Hons degree. Our faculty are on various State-level Subject-wise Committees constituted for the purpose of envisaging and drafting NEP syllabi. In keeping with the philosophy of NEP towards making education more holistic, integrated, and flexible, guidelines are for pursuing two academic programmes simultaneously are given.

Inculcating Research and Publication Ethics - As per UGC guidelines, a course on Research and Publication Ethics was introduced as a mandatory component for PhD course work. Hence lectures on ethical principles to be followed at every stage of research

were conducted by IQAC for all students of PhD programmes in online mode. About 185 registrants attended the classes including course work students from the University and affiliated research centres, existing research scholars and faculty. The online course was launched on 29 January, 2022 and course content effectively delivered through lectures with study material provided to the registrants.

Workshops/Lectures on "Revised Accreditation Framework of NAAC", "Participation in Planetary Biodiversity Documentation", National Science Lecture on "Safe and Affordable Drinking Water for All - From Idea to Market", and lecture on "Why Implementing NEP is Critical to 21st Century" were organized.

File Description	Documents
Upload relevant supporting document	View File

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Conferences, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and students Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. Any 5 or all of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

1. The IQAC has conducted quality/skill enhancement workshops, awareness programs, professional/capacity development programs/collaborative programs for teaching, non-teaching/technical, PhD and Master's Students. Particular emphasis was provided to region-specific workshops held at affiliated colleges on NEP-2020 to address teething issues in NEP implementation. Further, lecture on "Why Implementing NEP is Critical to 21st Century" was organized for students, Faculty and Researchers. A PDP for Teaching and Non-teaching Staff on "NAAC RAF" was organized from 12-16 July, 2022. Faculty were sensitized on quality metrics. The IQAC commemorated National Science Day through Lecture on "Safe and Affordable Drinking Water for All - From Idea to Market". To impart transferable skills, IQAC organized a Skill-based Lecture Workshop on "DNA Barcoding & Biodiversity Studies" in collaboration with Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. Other collaborative activities included a 6-Days "UNDP Entrepreneurship Development Training Program" and a "Blood Donation camp".
2. Interaction meetings conducted with Personnel of University Employment Information and Guidance Bureau/Training and Placement Cell led to improved career counselling and campus placement activities.

File Description	Documents
Upload relevant supporting document	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The University fosters gender equity through policy and practice. Through the UGC-Centre for Women's Studies, the University organises activities/programmes pertaining to gender sensitization and awareness, and offers open-electives/certificate courses with Gender Studies also becoming an integral part of NEP-2020. The centre has been working to educate and create more awareness about women's rights by organising appropriate programs/activities. The University has taken care to ensure egalitarian social practices and harassment-free campus. Gender champions are sensitized on issues relating to gender and have conducted workshops about gender sensitization on regular basis to the university students. Female students have been trained in self-defence and karate. 24x7 CCTV surveillance cameras and security personnel assure safety. Periodic consultations with Staff Advisors of hostels have helped in monitoring safety/security measures. Details about necessary precautions and timely action in

case of any unexpected incidents are given for safe movement even after office hours. The University Health Centre has qualified Counsellors/Doctors conduct counselling/awareness sessions on gender- and health-related issues. Furnished common rooms for women exist in all faculty buildings/administrative block. Separate quota is reserved for women employees in quarters allocation. A Day-Care-Centre looks after toddlers of working women employees/students and maternity leave benefits have been extended also to PhD students.

File Description	Documents
Upload relevant supporting document	View File
Annual gender sensitization action plan(s)	https://mangaloreuniversity.ac.in/iqac-23/data/7.1.1%20Gender%20sensitization%20action%20plan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	https://mangaloreuniversity.ac.in/iqac-23/data/7/7.1.1%20Specific%20Facilities%20provided%20for%20women%20new.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The University campus has been declared as Plastic free campus with policy of zero tolerance towards use of plastic cups, bottles, plates in hostels/cafeteria. Cloth banners, digital displays and carry bags are used instead of flex and single-use plastic carry bags. Students are advised not to use plastic in dissertation binding. Biodegradable paper cups/plates made from areca/banana leaves are used in official programs. E-office has reduced paper use, with the University leading in the number of e-office documents processed. Civil construction and e-wastes are stored at designated locations and disposed through certified agencies as per government guidelines. Examination paper waste and newspapers are auctioned periodically for recycling. Waste baskets are located at many places and Swacchtha Abhiyans are conducted regularly. A biogas plant at Women's hostel generates gas, thus supplementing the cooking fuel demands. Vermi- and organic composting are used to convert solid/wet waste from hostels/canteen/garden into organic fertilizer for the campus gardens. Liquid waste from toilets/bathrooms/kitchens/laboratories is connected to leach pits in respective buildings. A Sewage Treatment Plant of 40,000 litres per day capacity is under construction to process water for garden use. Biomedical waste is disposed as per government norms by handing it over to authorized agencies. Radioactive waste is handled as per AERB guidelines.

File Description	Documents
Upload relevant supporting document	View File
7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above
File Description	Documents
Upload relevant supporting document	View File
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	A. Any 4 or All of the above
File Description	Documents
Upload relevant supporting document	View File
7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	A. Any 4 or all of the above
File Description	Documents
Upload relevant supporting document	View File
7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	A. Any 4 or all of the above
File Description	Documents
Upload relevant supporting document	View File
7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)	
Our university is uniquely poised to offer inclusive environment, fostering tolerance and harmony, as it is located in Dakshina Kannada which has a confluence of several cultures, languages, communities and diversities. Presence of international students on campus has fostered awareness on diversity and cultural exchange. Inclusive environment is also the focus of Study Centres/Chairs, particularly the Centre for	

Social Exclusion and Inclusive Policy. UGC-sponsored Centres have been conducting in-depth research on the contributions/ideology of Gandhi, Nehru, Ambedkar with the Ambedkar Study Centre conducting research on regional socio-economic hierarchies and social justice. These in turn boost the zeal for education amongst the oppressed class and result in enhanced academic enrolments. The Centres also educate villagers on government schemes and how to avail them. Focus on local/regional icons - Rani Abbakka (woman freedom fighter who fought against the Portuguese), religious reformers - Swami Vivekananda, Sri Narayana Guru, Kanakadasa, Ambigara Chowdaiah, and writer - Shivarama Karantha, and emphasis on local Yakshagana art and languages such as Beary, Tulu, Kodava, and poet - Jaina Kavi Rathnakara Varni by Study Centres have sensitized students on tolerance and harmony. Extension activities conducted emphasise cultural uniqueness and diversity and facilitate creation of an environment favourable to inclusive policies. Statutory Committees for SC/ST, OBC, Women are watchdogs that facilitate an inclusive environment.

File Description	Documents
Upload relevant supporting document	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

Mandatory courses in NEP-2020 on Indian Constitution, Environment and Gender Equity across programs enables students to read and understand constitutional obligations with reference to values, rights, duties and responsible citizenship. To avoid students falling prey to anti-social/anti-national forces, and to realize their goal of pursuing higher education, regular programs on the Indian constitution, and national integration programs are conducted. National festivals such as Independence Day, Republic Day, Gandhi Jayanti, Constitution Day, Swarnim Vijay Diwas, Martyr's Day, Sadbhavana Diwas are celebrated with pride and observed in the spirit of patriotism and commitment. Students are briefed on how modern India earned freedom to live with self-respect. By focusing on freedom fighters' sacrifice and their engagement at Shahid Sthal, the students are motivated to serve the nation. Gandhi Jayanti is also celebrated as International Day of Non-Violence as per the resolutions of the UN General Assembly. Activities include prayer meetings, commemorative ceremonies, in addition to a general programme where all the students and employees attend. Kannada Rajyotsava is celebrated to renew pledge to the State and language. Azadi ka Amrit Mahotsav was celebrated in all the Departments. All the above mentioned programs are also extended to adopted villages of the University by involving various associations of the neighbouring villages and government bodies.

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized

All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The University celebrates national and international commemorative events. International/national commemorative days like Independence Day, National Sports Day, Teachers Day, Kannada Rajyostava, Constitution Day, Kanakadasa Jayanti, Swarnim Vijay Diwas, National Youth Day, Republic Day, Sadbhavana Diwas, Martyrs' Day, World Water Day, Kargil Vijay Divas, Ambedkar Jayanti, and National Girl Child Day are celebrated. International Women's Day was celebrated under the theme "DigitALL: Innovation and technology for gender equity", National Science Day was celebrated on 28 February with a scholarly lecture on Safe and affordable drinking water for all: From idea to market. World Environment Day was celebrated on 5th June under the theme "Living sustainably in harmony with Nature" which relates to transformative changes in policies and choices to enable cleaner, greener and sustainable living in harmony with nature. Yoga Day was celebrated on June 21 with a theme "Yoga for humanity" to signify the importance of yoga for physical, mental and emotional wellness and stress-free life. Youth day was celebrated on 12th January with a theme "It's all in the mind"

indicating that the root cause to problems is mainly due to the thought process. Theme-related lectures inspiring young minds were organized. Study Centres/Chairs propagate the ideas/teachings of social reformers/thinkers by organising commemorative days.

File Description	Documents
Upload relevant supporting document	View File

7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

Title of the Practice

An active set of Gender Champions in the Mangalore University Campus.

Objectives of the Practice

Gender Champions to facilitate an enabling environment where all genders are treated with equal dignity and respect.

The Context

Article 15 of the Indian Constitution guarantees gender equality. Towards this, transforming policies and initiatives are needed to create an environment that fosters healthy and mutual respect between genders in HEIs.

The Practice

Thirty-nine boys and girls from all departments were nominated for a 2-day Training Programme and became Gender Champions. They worked towards mainstreaming gender equity by organising awareness programmes and competitions. To foster peer sensitization, they created a special Instagram Page. They helped to organize International Women's Day 2022.

Evidence of Success

The Instagram Page - gender_champions_mu enabled Gender Champions to upload their activities/thoughts concerning gender equality with peers. All Gender Champions sported badges to identify themselves as watchdogs of gender equity on campus and became life-long Gender Champions.

Problems Encountered and Resources Required

Although boys were encouraged to become Gender Champions, sustained participation of male Gender Champions in the programmes was a challenge.

Weblink: <https://mangaloreuniversity.ac.in/iqac-23/7-2-1-Best-Practice>

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Mainstreaming SDGs

At Mangalore University, several SDGs are impacted through its engagement in knowledge generation/cross-disciplinary teaching-learning/multi-disciplinary research/outreach/extension programmes and all-round education. It contributes locally through women's empowerment (90% of contract workforce), equality in access to education (90% girls), and nationally towards increasing GER leading to gainful employment. Located in semi-urban/rural area, the goal is to provide equal access to affordable, quality higher education. Through research on sustainable measures/green initiatives, studies on all forms of life on land/water and mitigation of climate change through quantifiable measures such as rainwater harvesting, solar power generation, paperless/e-office, plastic free campus, some SDGs are met. Programmes in life sciences/geosciences provide in-depth domain knowledge with research on coastal ecosystems, mangroves, wetlands, soil, biodiversity and environmental radioactivity. The University is placed 1st in the country as per the UI Green Metric Ranking of 2021, learning on a green campus, home to 200 bird species and native vegetation indicating good habitat health. Social sciences/humanities programmes and Study/Research Centres engage in SDGs on peace, justice and strong institutions, and

conscientize students on social/human values. Towards good health/wellbeing, programmes in food science, nutrition, medical physics, yoga are offered and faculty conduct research on models and mechanisms underlying disease, pharmaceuticals, nanocomposites, biosimilars, drug discovery etc.

Weblink:<https://mangaloreuniversity.ac.in/iqac-23/data/7-3-1-an-area-distinct-to-its-priority-thrust.pdf>

7.3.2 - Plan of action for the next academic year

Mangalore University works based on a strategic plan that aligns its vision and mission to address evolving needs of stakeholders to ensure continued growth and relevance, including continuous improvement in academic outcomes, promoting interdisciplinary research, and collaborating to meet society's changing needs. Appropriate plans are in place to revamp existing programs into 1-yr/2-yr PG programs and initiate 4-year multi-disciplinary UG programs as per NEP-2020. Effective implementation would lead to graduates with required skill-sets, core subject competencies, along with holistic development leading to gainful employment. Towards this, the Training and Placement Cell needs strengthening. Continued emphasis will be given to promote innovation/entrepreneurship by facilitating patent applications, incubator activity, and skill development. The University will strengthen its engagement with local communities through village and school adoption programs. Cultural Policy is envisaged. State-of-the-art computer labs are proposed for hands-on training in computers and applications. The university continuously upgrades its infrastructure and strengthens green campus initiatives. It proposes to promote internationalization by attracting more international students and researchers, by developing partnerships with international institutions for joint skill development programs/collaborative research. Increasing green cover/promoting biodiversity by planting more fruit-bearing saplings is envisaged. The Belapu campus will continue to be developed for advanced research and teaching.