

YEARLY STATUS REPORT - 2021-2022

Part A		
Data of the Institution		
1.Name of the Institution	Amrita Vishwa Vidyapeetham	
Name of the Head of the institution	Dr. Venkat Rangan	
• Designation	Vice Chancellor	
Does the institution function from its own campus?	Yes	
Phone no./Alternate phone no.	4222855888	
Mobile no	9047737777	
Registered e-mail	naac@amrita.edu	
Alternate e-mail address	vcoffice@amrita.edu	
• City/Town	Ettimadai PO Coimbatore	
• State/UT	Tamil Nadu	
• Pin Code	641112	
2.Institutional status		
• University	Deemed	
Type of Institution	Co-education	
• Location	Rural	
Name of the IQAC Co-ordinator/Director	Prof. Raghu Raman	

Phone no./Alternate phone no	914222685888
• Mobile	9895028779
• IQAC e-mail address	care@amrita.edu
Alternate Email address	raghu@amrita.edu
3.Website address (Web link of the AQAR (Previous Academic Year)	https://amrita.edu/wp-content/uploads/2022/03/agar2020-2021.pdf
4. Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.amrita.edu/academic- calendar/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.2	2009	29/01/2009	28/01/2014
Cycle 2	A	3.4	2014	24/09/2014	23/09/2019
Cycle 3	A++	3.7	2021	17/08/2021	16/08/2028

17/04/2009

6.Date of Establishment of IQAC 7. Provide the list of Special Status conferred by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Year of award

Amount

ment/Faculty		Tunding	agenej	with duration	
Mata Amritad anandamayi Devi, Chancellor	C 20 / G20 Chairperson	Nil		2022, 1 yea	o 0
Dr Maneesha Ramesh, Dean, Internationa l Programs and Director of its Center for Wireless Networks & Applications	UNESCO Chair on Experiential Learning for Sustainable Innovation & Development.	UNE	sco	2021, 4 years	0
Dr Bhavani Rao,Dean, Social & Behavioral Sciences	UNESCO Chair on Gender Equality and Women Empowerment	UNE	SCO	2020, 4 years	0
Amrita Vishwa Vidyapeetham	Institute of Eminence	Minist Educa		2019	0
8.Whether composition of IQAC as per latest NAAC guidelines		Yes			
 Upload latest notification of formation of IQAC 		ion of	View File	2	
9.No. of IQAC meetings held during the year		ie year	1		
 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			

Funding agency

Institution/ Depart | Scheme

(Please upload, minutes of meetings and action taken report)	<u>View File</u>	
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount	0	

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

"Amrita Vishwa Vidhyapeetham has been accredited with A++ by NAAC in 2021 and has emerged as the seventh best university in the National Institutional Ranking Framework (NIRF) Ranking 2022 for Indian Universities. AACSB International Accreditation for Amrita School of Business (ASB). Amrita IQAC has driven the adoption of Outcome Based Education (OBE) which is an excellent tool for improving and continuously monitoring the teaching-learning process, course delivery & assessment, and attainment of learning outcomes. As part of the knowledge exchange of the IQAC best practices and innovations like Live-in-Labs have been showcased in prestigious events. "

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
"Accreditation, Rankings & Eminence"	"Amrita Vishwa vidyapeetham has been accredited with A++ by NAAC on 2021, Amrita Vishwa Vidyapeetham has emerged as the seeventh best university in the National Institutional Ranking Framework (NIRF) Ranking 2022 for Indian Universities. Amrita was awarded 61.23 scores with the 5th rank. Amrita has been adjudged as one of the Top 10 Universities in India for the Fifth consecutive year. In the overall category. In the THE Impact ranking Amrita was the Ranked as the no one University from indian and first indian university to rank below 100 world wide. In THE World University ranking amrita ranked 801-1000th and in QS World University Amrita Vishwa vidyapeetham Ranked 1001-1200th Amrita Vishwa Vidyapeetham, Coimbatore Campus, won the first rank for Coimbatore district, under 'One District One Green Champion' rating by Mahatma Gandhi National Council of Rural Education (MGNCRE) of Ministry of Education, Government of India, for the academic year 2020-2021. Amrita Vishwa Vidyapeetham, Coimbatore campus, was ranked in the top 10 in the universities category of the All India Council for Technical Education (AICTE) Clean and Smart Campus 2020 rankings"
"Amrita NEP 2020 Implementation"	"Amrita Vishwa Vidyapeetham conducted webinars and discussions over a few days for the implementation of the

	National Education Policy, NEP 2020 as per AICTE guidelines. For this webinar session, 400+ faculty members from 6 Amrita campuses attended the virtual event Distinguished experts at Amrita shared their views and
	strategies for implementing NEP policy. The senior management of Amrita pledged to implement the guidelines of NEP 2020 to contribute to the community, state, regional, national and international levels through a variety of innovative initiatives. The pros and cons of the many ideas given by Amrita Faculty were discussed and evaluated during the webinar. These discussions are bring crystallized into Amrita's Action Plan for NEP 2020."
"Amrita Quality Initiatives"	"Research day, FDPs, International Symposium on Universities-SDG Performance & Rankings, OBE workshops, Online Degree Programs, Sharing Amrita Best Practices"
13.Whether the AQAR was placed before statutory body?	No
Name of the statutory body	
Name	Date of meeting(s)
Nil	Nil
14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?	No
15. Whether institutional data submitted to AIS	SHE

Year	Date of Submission
2021 - 2022	17/05/2023

16. Multidisciplinary / interdisciplinary

Amrita Vishwavidyapeetham is already a holistic multidisciplinary institution since it has programs in Arts, Humanities, Commerce, Social Work, Physical Sciences, Life Sciences, Agriculture, Pharmaceutics, Nanotechnology, Medicine, Ayurveda, Dental Sciences, Nursing, Management, and Engineering. All programs have a holistic curriculum in the sense that courses on general education, like the Indian constitution and Environmental Studies, are included as compulsory papers, and there is the provision of free electives where students can register for courses from a totally different field from the main program area.

The institution offers credit-based courses and projects in the areas of community engagement and service, environmental education, and value-based towards the attainment of a holistic and multidisciplinary education. The live-in-labs where the students are engaged in projects solving problems people living in villages are an example of this nature.

The institution has provided for the exit of students with a certificate after one year of study. Exits with a diploma after two years of study from a three-year degree program that is not controlled by any statutory council. The students can exit with a degree after three years from a five-year integrated post-graduate program.

Students may be allowed lateral entry with credit transfer if they satisfy verification and assessment by an admission committee set up for that purpose.

17.Academic bank of credits (ABC):

We Amrita Vishwa Vidyapeetham have been registered on Academic Bank of Credits via National Academic Repository.

The Controller of Examinations is the Nodal Officer for NAD/ABC cell. At a present number of registration on ABC under our, University is around 11,023. We have started uploading the grade sheets mapped with ABC_ID. The total number of mark sheets processed with ABC ID is 455.

Amrita's ABC statistics data as of 19/4/2023 is provided below:

Total ABC Accounts: 11023

Total ABC accounts with credit data: 233

Total credit data with ABC ID: 432

Total credit data with ABC for 2021: 34

There is a variation in the count of grade sheets uploaded with ABC statistics. As and when necessary measures have been taken into action on various circulars from UGC on this.

18.Skill development:

AMMACHI Labs collaborated with NIMI to develop Blended Learning content for ITIs and partnered with PSSCIVE and NCERT to create Virtual Labs for Skills under the Ministry of Education. Our simulation-based training packages were piloted in four ITIs with approval from SANKALP under MSDE.

Through the Avsar Sankalp scheme, the Center for Women's Empowerment and Gender Equality established 65 training centers nationwide, offering vocational training aligned with the National Skill Qualification Framework to 4,500 women and self-help group members. Courses included tailoring, embroidery, bee-keeping, mushroom cultivation, organic growing, seaweed farming, and general duty assistance, conducted in Kerala, Tamil Nadu, Haryana, Delhi, Uttar Pradesh, and Odisha.

We successfully implemented the "Empowering rural school students with 21st-century Skills" project, funded by the Department of Science and Technology. This involved nine workshops in Chhattisgarh, Meghalaya, Haryana, and Himachal Pradesh. Additionally, 10 Train the Trainer workshops trained 606 students and 96 teachers in Responsive Web Design and Development, Navigation of Social Media for safe spaces, and Interactive Media.

To promote entrepreneurship and innovation in schools, we established a university-school partnership. Mentors guided 409 school students, leading to national-level recognitions, the presentation of six research papers at international conferences, and the acquisition of two international patents. Three researchers

from Amrita Vishwa Vidyapeetham received the "Gems of Mentor India" award from Niti Aayog for their exceptional mentorship.

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

Education, infused with spirituality, influences all branches of learning by imparting a sense of interconnectedness and wholeness. It also stimulates students to develop better social sensitivity, a conscious connection to the cosmos, and a broad expanse of inquiry about life.

The time is ripe for a critical re-examination of the Indian knowledge systems, with a proper contextual understanding, for the world to appreciate their contribution for the welfare of all mankind. Rooted in this vision, Amrita Darshanam, International Centre for Spiritual Studies (ICSS), Amrita Vishwa Vidyapeetham, aims at achieving excellence in study and research in the domains of philosophy, culture, arts, literature, and society under the broad canopy of India Studies, through constructive reflection, examination, and dissemination of the significant influence and interpretation of such traditions with reference to a contemporary global perspective.

The Centre offers various Ph.D. and post-graduate courses in Indian knowledge systems. It also offers multiple humanities courses that are focused on educating the young generation of India's rich heritage and tradition. Numerous workshops, seminars, and conferences on different aspects of India studies are conducted regularly to facilitate scholarly exchange and provide students an exceptional educational experience which supports an integrated development of the individual. The Centre also works with other organizations to preserve and archive manuscripts, build projects and collaborations, and promote researches of the highest standard.

Currently, the Centre has branches in four campuses of Amrita Vishwa Vidyapeetham, namely Amritapuri, Coimbatore, Bengaluru and Mysuru.

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

Objective & Context

IQAC recommended a goal-centric institutional structure for the endto-end educational delivery in all programs and to implement outcomes-based education in its true spirit, in conformance with and in adherence to the global best practices. In alignment with the institution's development plan aimed at achieving a world-class educational experience for all stakeholders, resulting in being bracketed in the highest tiers of global ranking, national ranking, and the highest standards of curriculum design & delivery, the adoption of Outcome-Based Education (OBE) assumes great importance.

The Practice

Teams comprising IQAC coordinators and other senior faculty members were formed to design and develop the plan for OBE implementation in all campuses with engineering programs taking the lead in terms of going for accreditation by the National Board of Accreditation (NBA). For all programs, the program objectives and outcomes were developed in alignment with the department and institution's vision and mission, and subsequently, the course outcomes were developed in alignment with the program outcomes. Several Orientation and training sessions were conducted for teaching & non-teaching staff, as well as students, to ensure a detailed understanding of the plan and process.

Outcome

Continuous quality improvement, mobility of students through alignment with international standards, feedback & closing the loop & program accreditation by NBA for all 7 eligible B.Tech programs at the Coimbatore campus and 2 B.Tech programs at the Bangalore campus. Various M.Tech programs in the Coimbatore campus and B.Tech programs in the Amritapuri campus are slated to go for NBA accreditation by end of 2023. OBE implementation for various arts, physical sciences, commerce, and media programs has resulted in continuous improvement and stakeholder satisfaction. NBA does not accredit said programs.

21.Distance education/online education:

Amrita AHEAD's Online Degree programs focuses on an all-rounded individualized learning trajectory to enhance and diversify one's career growth pathways while integrating Amrita's philosophy of 'Education for Life and Education for Living'. Innovative and award-winning pedagogic practices provide experiential learning allowing freshers and working professionals anytime access and flexibility with personalized mentorship and interactivity. Our UGC entitled future ready degree programs are offered jointly with Industry stalwarts, reputed national and international faculty that equip and expose students to address real-life applications.

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Extended Profile

1.Programme

1.1

Number of programmes offered during the year:

File Description	Documents
Data Template	<u>View File</u>

1.2

Number of departments offering academic programmes

2.Student

2.1 21365

Number of students during the year

File Description	Documents
Data Template	<u>View File</u>

2.2

Number of outgoing / final year students during the year:

File Description	Documents
Data Template	<u>View File</u>

2.3

Number of students appeared in the University examination during the year

File Description	Documents
Data Template	<u>View File</u>

2.4

Number of revaluation applications during the year

3.Academic

3.1

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Number of courses in all Programmes during the year

File Description	Documents
Data Template	<u>View File</u>

3.2

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.3

Number of sanctioned posts during the year

File Description	Documents
Data Template	<u>View File</u>

4.Institution

4.1 69573

Number of eligible applications received for admissions to all the Programmes during the year

File Description	Documents
Data Template	<u>View File</u>

4.2

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year

Extended Profile		
1.Programme		
1.1	199	
Number of programmes offered during the year:		
File Description	Documents	
Data Template	<u>View File</u>	
1.2	110	
Number of departments offering academic progra	ammes	
2.Student	·	
2.1	21365	
Number of students during the year		
File Description	Documents	
Data Template	View File	
2.2	5630	
Number of outgoing / final year students during t	he year:	
File Description	Documents	
Data Template	<u>View File</u>	
2.3	12553	
Number of students appeared in the University examination during the year		
File Description	Documents	
Data Template	<u>View File</u>	
2.4	337	
Number of revaluation applications during the ye	ear	
3.Academic	,	
3.1	4480	

Number of courses in all Programmes during the year		
File Description	Documents	
Data Template	<u>View File</u>	
3.2	1744	
Number of full time teachers during the year		
File Description	Documents	
Data Template	<u>View File</u>	
3.3	785	
Number of sanctioned posts during the year		
File Description	Documents	
Data Template	<u>View File</u>	
4.Institution		
4.1	69573	
Number of eligible applications received for adm the Programmes during the year	issions to all	
File Description	Documents	
Data Template	<u>View File</u>	
4.2	2420	
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	495	
Total number of classrooms and seminar halls		
4.4	5989	
Total number of computers in the campus for aca	idemic purpose	

4.5	45209
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

Amrita has over 220programsspanning Engineering, Sciences, Health Sciences, Arts, Humanities, Ayurveda, Agriculture, Life Sciences and Business. The curricula are designed in alignment with local, regional, national, and global needs. For this, the Board of Studies includes representatives from Industry, as well as eminent national and international universities. Each department has a Department Academic Advisory Committee (DAAC) that oversees the OBE implementation and the corrective actions based on attainment analysis.

All programs provide experiential learning to expose students to industry exposure, ensuring employability, entrepreneurship, and skill development to make them productive citizens. Live-in-Labs as an immersive, field-based course is considered the universities flagship experiential learning program, where students put theory into practice in remote villages to develop solutions to address the societal challenges in India. The developmental projects tackle focus areas such as education, organic farming, sanitation, health, hygiene, and income generation. To foster international experience, the university has mapped programs and courses as equivalent with several top universities in America, Asia, and Europe facilitating semester-abroad, dual, and joint degrees. Students, when they graduate, will be prepared to work in a variety of fields including computers, communication networks, the internet of things, earth sciences, environmental sciences, disaster management, health care, e-governance activities, biotechnology, nanotechnology, VLSI, embedded systems, agriculture, and chemical industries.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

73

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

2498

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

372

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

199

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Amrita University's curriculum comprises core courses, elective courses, and value-based courses, ensuring a quality education for both life and living. A careful blend of courses and workshops designed to sensitize students on the integration of human values into the curriculum with regard to gender equality, diversity, environmental sustainability, social issues, and professional ethics.

Amrita has courses in all Programs that are especially focused on the development of human values called "Amrita Value Education."Cultural Education I & II and Amrita Values Programme I & II are offered as mandatory courses in all branches of engineering, Through these courses address conceptually, theoretically, and analytically gender issues, managerial values and ethics, legal aspects, cultural heritage, moral values, Indian history, arts and science, Yoga and Meditation to give exposure to the students about the richness and beauty of Indian way of life. Amrita hosts India's first-ever UNESCO Chair in Gender Equality & Women's Empowerment, conducts research on Women's Empowerment, and hosts numerous activities and awareness programs on gender equality in light of the UNSDGs.Amrita has adopted the UN's 'Sustainability Literacy' test (SULITEST) to measure the awareness of students on various dimensions of SDGs.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

165

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

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skills offered during the year

6066

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

4805

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

• All 4 of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

1.4.2 - Feedback processes of the institution may be classified as follows

 Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

9521

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

13240

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

Students are our primary stakeholders, and they are provided significant mentoring and opportunities to improve, showcase talent, and excel during their tenure at the university. Counselor training is part of our FDP program and allows holistic mentoring of students. Amrita's University Management System is used to track each student's performance in every course they take. Both slow-learners and advanced learners are identified through periodic assessments and appropriately guided.

Utmost special care and individualized additional guidance are provided by faculty to slow learners through remedial classes, assignments, and recessional exams. Special teaching strategies are being adopted for slow learners. Our curriculum allows slow learners to take fewer courses per semester and take longer to graduate. Counselors/mentors identify academically weak students and work with the faculty to design a plan for these students. Peer teaching is encouraged to help slow learners.

Advanced learners are Facilitated to attend and present in external seminars/ conferences, workshops, and quiz competitions.

They can take Honors programs and Fast Track Courses, Advanced Topics in courses, Special project-based learning, and Internships. Award of distinction is given to advanced learners for their performance. They can participate in technically challenging projects. Waiving minimum classroom attendance for advanced learners so that they have additional time to pursue intensive research with faculty.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link For Additional Information	https://care.amrita.edu/aqar2021-2022/find _php?path=cr2/2.2.1

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
21365	1744

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.3 - Teaching- Learning Process

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

Amrita's curriculum is designed to address modern world problemsolving techniques and a sustainable development environment to
address diverse societal challenges. Amrita Vishwa Vidyapeetam
provides training to the students through experiential learning,
collaborative learning, and participative involvement in problemsolving techniques. This preparation of students for such
activities will help them face the real-life situation and
challenges posed by the turbulent and volatile environment.
Another learning methodology is the project and internship- which
helps the students to get exposure to the actual working
experience in all the factors. Through the course, they have
exposure to real situations that executives face on the job, as
well as the hurdles that need to be crossed to achieve corporate
targets. By creating the project report, students will be able to
organize the presentation, draft the report and its implications.

The other activities like role-playing, group discussion, debate, etc., are the regular activity of the individual course and are taken care of by the concerned faculty handling the course.

Amrita's student Centric Academic Plan includes Project-Based & Problem-Based Learning (PBL), Experiential Learning, Participatory Learning & Game-based learning. The academic plan, with its flexible curriculum, blends interdisciplinary, innovative, and international best practices for personalized learning and transdisciplinary graduation pathways.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

The faculty members are using ICT-enabled teaching methodologies and advanced technology in the classroom. Multimedia teaching aids are used in the classroom, such as LCD projectors, and internetenabled computers/laptops/tablets. Amrita University Management System (AUMS) includes LMS and CMS. The AUMS was created as a comprehensive teaching resource to connect thousands of students spread across all campuses of Amrita. Admissions, attendance, assessments, examinations, question banks, etc are core functionalities facilitated by AUMS. It is also used as a communication portal by which teachers can publish assignments, online examinations or publish results.

Another e-learning initiative developed at Amrita is Virtual Laboratories, an interactive online platform for students to perform experiments. University-wide subscriptions are available to online resources and repositories. Amrita's Health Information System (HIS), one of the largest healthcare informatics suites built in-house, contains over 50 Million patient electronic health records (containing data from lifestyle to the genomic level) and it has transformed the hospital into a paperless all-digital hospital. Courses from expert IIT faculty in NPTEL are made available to all faculty and students through Amrita's digital library. Amrita Multiplatform Personalized Learning and Evaluation (AMPLE) platform is designed as the next generation LMS for conducting Flipped Classrooms and Personalized Learning of students.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

2.3.3.1 - Number of mentors

1383

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.4 - Teacher Profile and Quality

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

1895

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

1008

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

11257

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

145

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

12

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

12

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

377

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

The Amrita Examination system is fully automated which includes revaluation procedure and result publication. Students can view attendance reports and scores of continuous assessments like quizzes, assignments, case studies, etc. through the AUMS (Amrita University Management System) portal which provides transparency

in the evaluation scheme. All components related to examination scores and grades are made online which enables publication of results within 15 days of completion of end-semester examinations. Students may also raise grievances about their evaluation through the revaluation process. This enhances transparency at all stages of our evaluation mechanism.

AUMS features Online course registration, a facility to upload and download question papers and automatically encrypt them, students can view exam timetables and download admit cards online, exam hall seat allocation, and exam attendance sheets. Results are published online, providing confidential, easy, and instant access (also through mobile apps), degree certificates are generated online, transcript applications are made online, a ticketing system tracks queries and responses effectively, students are able to request a re-evaluation, supplementary exams, remedial options: re-registration, run-time redo courses are available to improve internal marks.

A continuous evaluation is conducted on every quiz, tutorial, classroom session, and lab session. The question paper scrutiny committee scrutinizes for quality. The controller of examinations also arranges for audit of QPs and answer scripts at the end of every semester. Published research papers may also be considered for assessments.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

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All the programs in the University have well-defined programs and program-specific outcomes. The curriculum for each program is designed to meet the outcomes specified. Course Outcomes for all the courses in the curriculum are defined by the course mentors and faculty offering the course, taking every care to customize to the professional orientation of the course. For every course in the respective program, Course Outcomes (CO) are outlined and mapped to PO (program outcomes) and PSO (Program specific outcomes) using a Program Articulation Matrix (PAM). The Course Articulation Matrix (CAM) plays a pivotal role in quantitatively mapping the individual course outcomes that are ascertained from various assessments to the PSO & PO. Additional indirect components such as survey-based feedback from students are also fed into the CAM. The Program, PO, PSOs & COs are disseminated to the university website under relevant program links, made available on the intranet, printed in the curriculum book, printed in lab manuals and records, etc

Students enrolled in each course discussed the COs in the first lecture of each semester. This comprehensive discussion covers the COs and how that is translated into the: Course plan/Lesson plan, Pedagogy, Evaluation components, and Evaluation scheme.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

The university delegates the task of defining the attainment calculations in a decentralized manner. The seven faculties develop the process with the engagement of the Faculty Dean, Controller of Examinations, Department Chair, Department Academic Advisory Committee (DAAC) / senior academicians, and representative of IQAC. The implementation is as per the requirements of the statutory bodies (such as AICTE / MCI), and the strategies of implementation are customized for each faculty.

In the Faculty of Engineering, the subject matter experts develop and map POs, PSOs, and COs. For each course, the number of evaluation components is pre-defined as per academic regulations. This is followed by the identification of thresholds for the CO attainment (e.g., 50% of the maximum CO contribution in an exam

for each CO), the CO attainment target (in percentage), and the PO attainment target (levels 1, 2, or 3 - which are based on the overall PO attainment being in three different percentage brackets). The evaluation components are classified into internal vs end semester.

For MBBS, MD/MS, DM/MCh. students, the number of evaluation components of each course is pre-defined as stated by the regulations laid out by the MCI. The DAAC conducts reviews and coordinates with the IQAC and Departments to implement suitable quality improvements.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

5549

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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)

https://amrita.edu/wp-content/uploads/2023/07/stakeholder-feedback-and-action-taken-report-2021-2022.pdf

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

Amrita Vishwa Vidyapeetham strives to be an outstanding institution of higher learning with a distinguished history of both teaching and research. Each campus makes a unique contribution to the university's research output. The goal of AMRITA's research is to produce low-cost technologies to address

global social and scientific problems, as well as technology, projects, and solutions for societal and humanitarian relief.

The Institution's research facilities are frequently updated, and there is a well-defined policy for the promotion of research Such as

- Providing state-of-the-art labs for faculty and research students
- Providing seed grants for research faculty
- Mentoring faculty seeking extramural research grants.
- Assisting the formation of startups and/or technology transfer through Technology Business Incubation
- Advocating publications by Post Graduate students
- Providing collaborative opportunities to engage with national and international research groups.
- Scholarships to Ph.D. and Masters students

The primary objective of the proposed research incentives is to motivate the faculty members to undertake quality research and concentrate on research-related activities, in addition to teaching and administration.

The university holds high-end equipment such as a BMG lab tech microplate reader, Atomic Absorption Spectrophotometer, NIKON Ci-L microscope, Ultra-low deep freezer, and an automatic Weather station.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

3,177,819

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

37

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

396

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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	<u>View File</u>

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

35

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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)

3012

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

4532

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

117

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

The University has led the way in the incubation of novel ideas

through its Technology Business Incubator (Amrita TBI) and has been resolute in creating a prodigious and global ecosystem.

Amrita TBI consists of an ecosystem with the:

- 300+ Industry partners including CISCO, PwC etc for market access and scale up
- Govt. i.e. NITI Aayog, TDB, MeitY, DST, who support and scale our innovations.
- Academic, and National Laboratories IITs, NITs, NPL, etc. fostering collaboration
- International NGOs & Academia UN, UNESCO, UNDP, 200+ Universities from the US, Europe, Asia and Australia
- Global Mentor and Investor Network and formal engagements with Serial entrepreneurs, VC firms such as Indian Angel Network, Norwest Ventures, etc.

The CIR department has signed multiple Memoranda of Understanding (MoU) with various businesses and organizations to promote innovation and employment at AMRITA. Examples include the establishment of the Cisco ThingQbator IoT maker space, the Cognizant Innovation Laboratory, the Microsoft Embedded Systems Laboratory, etc.

High-end tools include the Atomic Absorption Spectrophotometer (AAS), NIKON Ci-L microscope, Ultra-low deep freezer, and BMG Lab. An automatic Weather Station (AWS) was installed on our ASA campus to improve our weather monitoring.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

311

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

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311

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

- 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

226

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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
- A. All of the above
- 1. Inclusion of research ethics in the research methodology course work
- 2. Presence of institutional Ethics committees (Animal, chemical, bioethics etc)
- 3. Plagiarism check
- 4. Research Advisory Committee

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

A. All of the above

medal at a University function Certificate of honor Announcement in the Newsletter / website

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

25

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

226

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

3

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

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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

1729

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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
5015	2111

File Description	Documents
Any additional information	<u>View File</u>
Bibliometrics of the publications during the year	<u>View File</u>

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
37	30

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

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

At Amrita Vishwa Vidyapeetham, consulting is viewed as both an institution-wide outreach effort and a service to society and industry. The university's faculty, research scientists, and postdoctoral scholars are constantly encouraged to broaden and strengthen the institution's research profile as well as their own bodies of knowledge and expertise. The objective is to adopt best practices and collaborate with outside companies to share expertise.

A special purpose vehicle created specifically for industry consulting and sponsored research, the Amrita Centre for Research and Development. Faculty can develop original answers to issues facing the industry using a platform provided by the Centre. It encourages the conversion of research findings into flexible technologies and the last-mile delivery of cutting-edge technology created by faculty members through technology transfer and intellectual property support.

Amrita encourages consulting in the areas of professional advice, testing services, assistance with a company's product or process development, policy, and planning, support for conferences and collaborations, project planning, marketing, business analysis and support, modeling and predictive analysis, and training.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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)

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245

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

Amrita is committed to fostering and advancing socially conscious people through involvement in nation-building initiatives carried out at the local, regional, and national levels, motivated by a strong sense of social responsibility.

Live-in Labs is an innovative best practice that has been successfully implemented by our institute. It involves creating a live-in laboratory environment where students can gain practical experience while contributing to real-world research projects. In the academic year 2021 - 2022, the COVID-19 pandemic significantly impacted the ability of students to participate in this program by going to the village. Here are some ways in which Live-in-Labs adapted to the pandemic times: a. Virtual Live-in-Labs: Developed virtual Live-in-Labs programs, allowing students to participate remotely.

Amrita has established required extracurricular programs like the Students Social Responsibility (SSR) program and the Serve an Hour program. As part of the Serve an Hour (SAH) program, students volunteer in their local communities and visit adjacent schools to spread awareness about issues including alcoholism, sanitation, organic gardening, and recycling.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

11

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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)

623

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

12187

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

733

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

255

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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.

At Amrita, the delivery of teaching-learning is a multi-modal process involving the interaction and engagement between the student and the teacher in classrooms, laboratories, and information centers. All schools under Amrita are equipped with state-of-the-art infrastructure including modern facilities and learning resources to achieve academic excellence according to its vision and strategic objectives. It has been continuously developing to meet the growing demands of the teaching-learning process on campus. The University is fully equipped with ICT & Wi-Fi-enabled classrooms, laboratories, computer labs, central library, and reading halls.

The university is very well equipped with laboratory facilities for hands-on training of undergraduates and PG students as well as more advanced labs that have interdisciplinary facilities suitable for students conducting research towards their degree programs, such as PG students doing their thesis and PhD students.

Amrita provides ubiquitous access to information and network services. All the academic blocks, laboratories, and hostels are connected over high-speed fiber connectivity. A robust tiered network enables connectivity without compromising on security and confidentiality for all user data. All computers are connected to the internet over high-speed CAT6 cables facilitating a 1:1 availability of computers to students.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

One of Amrita's core goals is to provide an environment that allows integrated and holistic development of body and mind through the provision of facilities to showcase inherent talent and artistic expression by enhancing, developing, and fostering skills in sports, cultural, and performing arts.

Amrita provides comprehensive facilities for all aspects of student life and personality development. Good facilities are provided for both indoor and outdoor games like Football, Basketball, Volleyball, Cricket, etc. Indoor facilities include a gymnasium with state-of-the-art equipment and also trainers. This has enabled the students to win national and international competitions. Yoga and meditation are regularly offered on campus to cultivate equanimity, right attitude, and the right composure among faculty and students. Under expert guidance, yoga and meditation have been incorporated into the core curriculum. The practice is taught indoors and outdoors in an ambiance that suits the student's needs.

The auditoriums at Amrita have capacities ranging from 100 to 3700 students and are used to host university-wide cultural festivals like Amritotsavam, AmritaKalotsavam, Kalamritam, national-level multi-fests such as Anokha and Vidyut, and music & dance programs by legendary & professional artists. Festivals, National holidays, and large cultural events such as Diwali, Republic Day, and International Yoga Day are organized on the large outdoor grounds and can hold up to 6000 people.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.1.3 - Availability of general campus facilities and overall ambience

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Campus ambiance is influenced by the spiritual foundations of the institution - calm, near nature, smoke-free, lush green, open spaces, and unique symbolic architectural designs - with congregational areas that emphasize a campus' youthful vibrancy. And the day in Amrita starts with the prayers Aum Sahana Vavatu, Lokha Samastha Sukhino Bhavantu - let there be peace and harmony.

Amrita campuses provide comprehensive facilities for student life and personality development.

- The students are provided individual rooms with a shared balcony for accommodation at PG Hostels maintained by the university.
- Hostel floors are provided with a TV hall, e-library, water purifiers on individual floors, newspaper reading space, shuttle court, and solar-empowered hot water taps for bathing.
- Medical clinics are available on all campuses. Medical facilities like ambulances and doctors are also available inside the campuses around the clock.
- The school and Accommodation are well supported by centralized kitchen and dining facilities / Canteens.
- Specialized sports facilities include a gymnasium with fitness equipment, a swimming pool, tennis courts, football grounds, etc.
- Students are provided amenities like laundry facilities, convenience shops, saloons, cloth shops, tailoring shops, reprography, travel desk, beauty parlor, saloon, copier, and ATMs.
- Well-furnished auditoriums and conference rooms.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

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102.1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.2 - Library as a Learning Resource

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

Amrita's philosophy is that knowledge should be shared to all without any boundaries. With that in mind, Amrita's Online Library serves as a large repository of digital and printed information for all faculty and students

The library is automated using KOHA, an Integrated Library Management software that provides an efficient, comfortable interface and prompt service to all its users, including students, faculty, and guest users. It has book titles and volumes, references, national and international journals, CD-ROMs, and DVDs. It has access to reputed e-journals and e-books through its membership with DELNET, E-Shodshindu, and Shodganga. It offers full-text access by subscribing to IEEE, ACM database, ASME Database, Access Engineering, ASTM database, Science Direct, Springer Link, and Scopus. INFLIBNET provides current and archival access to more than 5,000+ core and peer-reviewed journals. It has a collection of special and rare books, audio-visual resources, a collection of dissertations and a thesis, and a collection of bound journals. The campus has a web-based software for effective Learning and Management Services known as Amrita University Management System (AUMS), which includes an e-learning platform. A campus-wide administrative and learning management system, it supports and includes modules for effectively managing students' admission, administration, academics, accounts, examination, library, and other modules. The digital platform KNIMBUS also provides off-campus access to the library.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals ebooks e-ShodhSindhu Shodhganga Databases A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

1213

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

13014

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

495

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

Amrita has established an Office of Information and Communication

Technology Services (ICTS), which has designed a comprehensive IT Policy. The IT Policy helps to maintain, secure and ensure the appropriate use of Information Technology infrastructure. Policy governs hardware commission, Software installation and licensing, Network usage, and bandwidth allocation, Email Account usage, and using Computing centers or BYOD. Amrita ICTS played a major role in stepping up facilities for online classes during the pandemic lockdown.

Amrita IT policy focuses on the principles like building and utilizing an agile, resilient IT and telecommunication network to provide concurrently. infrastructural and operational efficiency is pivotal in teaching, learning, and research activities. installation, expansion, and maintenance of state-of-the-art critical computing infrastructure, including the latest IT and Networking resources. policies for provisioning and maintaining IT resources protecting data integrity and security for the university and its legitimate users. Ensure the legality of all software and compliance with government regulations.

IT infrastructure consists of the following:

- The institution comprises around 3000 Desktops, 400 LaserJet Printers, and 30 MFP devices, TIER 2+ Data Centre infrastructure with more than 90 physical servers, and around 300TB of data storage.
- Virtual laboratories with online experiments in the Sciences and Engineering
- 3 Gbps internet bandwidth over multiple links
- 1200 WiFi access points deployed in both academic blocks and hostels blocks for 24X7 internet service
- 9000 computing terminals

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.3.3 - Student - Computer ratio during the year

	Number of Computers available to students for academic purposes
21365	5989

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

• ?1 GBPS

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

E. None of the above

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

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

45.1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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.

Amrita has established a dedicated General Administration Department (GAD), which has architected systems and processes for regular and timely maintenance and optimal utilization of buildings, classrooms, laboratories, sports facilities, hostels, canteens, gardens, and lawns. Amrita's policy mandates that all equipment, including laboratory and computer systems, either have up-to-date annual maintenance contracts or be supported by well-trained in-house technical staff. Most of the important equipment has annual maintenance contracts. Staff members are adequately trained to maintain the equipment and services under their control. The maintenance budget is adequate to take care of all common needs. Policies such as zero litter, no spitting, and no smoking, which relate to public cleanliness and hygiene, are strictly enforced throughout the whole University.

During the pandemic, students were called to run classes in blended mode(offline-online) with 50% capacity by observing all Covid protocols. Labs are regularly cleaned and sanitized using UV equipment after every use of the lab. As per COVID-19 SOP, the entire campus is sanitized at regular intervals using sodium hypochlorite solution as per specification by the Government of India. Hand sanitizers with sensors are provided at all entry and strategic points of all departments and laboratories of the school. Similar care is taken even at the hostel, where a limited number of students were permitted to stay during the pandemic.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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)

12716

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

28351

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

A. All of the above

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

• All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

244

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

2838

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

471

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

24

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

Student Council organizes various activities and events yearly to enhance the academic and social experience. These activities include educational seminars, guest lectures, career counseling sessions, cultural events, sports tournaments, and community service projects. The Council works closely with the school administration as part of institutional development to identify improvement areas and implement new initiatives to enhance students' overall academic and social experience and welfare. The Council is responsible for addressing students' concerns and grievances and advocating. This may involve working with the school administration to address academic policies, student services, or campus safety issues.

Student Nurses Association of India (SNAI) is very active at Amrita Vishwa Vidyapeetham in promoting nurses' professional, social, and cultural personality development. The functions of this committee may contribute to better merits, developing good character and socialization among nursing students, and addressing the issues and problems students face, especially in the hostel.

Examples of student council programs conducted by Amrita Vishwa Vidyapeetham during the academic year include IPA-SF Amrita Student Chapter, World Oral Health Unified Week inauguration, World Health Day Quiz Competition, World Immunization Week 2022, and World Pharmacist Day Celebration 2022.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

164

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

Amrita Global Alumni Network is a well-established, close-knit community that strives towards the institution's and its network's social and economic growth. As ambassadors of the institution, the members play a crucial role in Industrial, Research, and Academic

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collaboration. The association members help secure placements, internships, and final-year projects by conducting boot camps and workshops yearly for current students to prepare them for interviews. The alumni also provide pre-recruitment talks to give current students an idea of what to expect in the recruitment process. We publish regular alumni newsletters, and our Amrita Center of International Programs(ACIP) actively interacts with alumni worldwide. The Alumni web portal, AlmaConnect, is a virtual chapter in which the Alumni update the institution of their current job profile, location, and field of expertise. We have more than 11,000 registered users, including our current students, faculty, and alumni. Alumni also speak at various forums worldwide about the university's programs. They are often the main contact points in different countries and help hire new faculty at career fairs. AGAN seeks to develop programs involving alumni to support students' placement/training, internship, etc

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

E. <1Lakhs

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

Our vision is to be an exemplary institution that thrives on its commitment to the transformative power of value-based education, providing the impetus to develop the expansiveness to harmonise scientific knowledge and spiritual understanding to utilize knowledge for societal benefit and contribute to a prosperous and sustainable future for all.

This vision translates into three primary missions:

• Education for Life

- Compassion Driven Research
- Global Impact.

•

Education for Life

There are two types of education: education for living and education for life. To become a professional is education for a living, while teaching for life requires understanding essential human values. At Amrita, education should also impart a culture of the heart based on enduring values and inner strength.

Compassion-Driven Research

Our motivation to pursue research is focused on alleviating major global problems related to poverty, starvation, sickness, environmental pollution, and contamination.

Global Impact

At Amrita, we stand united in our mission to solve globally recognized scientific and societal challenges, including environment, development, and health. Amrita stands at the strategic juncture of two streams of cultures: East and West.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

The dean or principal is in charge of any school and is fully empowered to govern it. They have complete authority to make decisions on the day-to-day operations of their school, provided that they broadly adhere to the policies and rules of the university. Each Head of School has the authority to conduct faculty interviews and select new faculty members. Principals and campus directors consult with each department on campus regarding budgeting. The Academic Council then reviews and submits the budget to the Board of Management.

Every stakeholder is involved, and the consultation process ensures that priorities are understood at all levels. Faculty members are represented in several committees, including the Board of Management, Academic Council, Board of Studies, Class Committees, and Faculty Committees. The institution has been quite effective in adopting a federated governance model given the distinctive geographical diversity of Amrita campuses, which are dispersed throughout four different Indian states. This approach nevertheless assures participatory management while giving its constituent units a reasonable amount of freedom in terms of financial independence, academic flexibility, and research agenda.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The following five pillars are the foundation of Amrita's strategy plan for academic and research excellence: inter-discipline, innovation, industry, India, and international. The institution promotes academic performance by using project-based learning and problem-solving, experiential learning (programs like Live-in-Labs), critical thinking, and cooperative learning. Universities promote multidisciplinary research and Centers of Excellence for Sustainable deployable solutions for the good of society as part of their commitment to research excellence. The Teaching-Learning process adopts MS Teams formally, although faculty members are free to utilize other tools, such as AUMS.

Interdisciplinarity, innovation, industry, India, and international are the five pillars of Amrita's strategy plan for academic and research excellence. The university uses experiential learning (programs like Live-in-Labs), project-based learning and problem-solving, critical thinking, and cooperative learning to encourage academic achievement.

Universities support multidisciplinary research and Centers of Excellence for Sustainable Deployable Solutions for the Good of Society as part of their dedication to research excellence. Students and professors can find plenty of opportunity and fulfilment on both a national and international level thanks to solid global engagement, corporate and industrial partnerships,

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and technology business incubation.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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.

Amrita's administrative structure is tailored to achieve operational effectiveness and efficiency in a large, geographically distributed, multi-campus, multi-disciplinary setup.

Each campus has two types of functional units: academic and administrative.

Academic Functioning:

- A Dean is in charge of the faculty. The overall leadership authority for all academic programs associated with a faculty rests with the dean of that faculty. The university's financed research initiatives and overall research quality are under the control of the dean of research.
- The University's Dean of PG (Post Graduate Programs) oversees all PG Program's rules and procedures.
- The Dean PG (Post Graduate Programs) is responsible for all PG Programs policies and operations at the university level.
- The operational leadership responsibility for the daily management and execution of classrooms and courses in departments falls to Heads of Schools, specifically Principals and Associate Deans.
- Dean ACIP (Amrita Center for International Programs) supervises all partnerships, approved and kept under close observation.

Administrative Functioning:

- Facilities, development, and upkeep of their respective campuses
- Hiring and overseeing non-teaching personnel
- Budgeting and financial preparation
- Food, sports, entertainment, clubs outside of class, placements, convocation, and other activities for the benefit of students and teachers are included.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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	A. All of the above
1. Administration	
2. Finance and Accounts	
3. Student Admission and Support	
4. Examination	

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

Amrita University offers an extensive and multifaceted performance appraisal system that considers all facets and dimensions of performance in academics, research, administration, and extension. This performance evaluation summarizes the Academic Year (AY) performance. These are the actions:

 faculty or other non-teaching staff members' selfevaluations

- The immediate superior's (HoD) review and remarks
- Review and observations from the immediate superior (HoD)
- Results and awards tied to the performance provided by the HR division

During the evaluation process, student input is also taken into account. The institute provides financial assistance to the professors so they can present and publish research in reputable conferences and journals. Additionally, the institute rewards the faculty's research endeavours with additional prizes and letters of gratitude. The employees might raise their goals for the upcoming academic year with the support of the open and accessible appraisal system.

The Welfare measures for teaching and non-teaching staff include:

- Integrated Wellbeing
- Health: Medical Insurance, Maternity Leave, Super Specialty Medical Care at our health sciences campus, etc.
- Education Welfare: Priority is given to employees regarding entrance to higher education, leave for higher education, etc.
- Financial: Assistance with career advancement, grants for seed funding, etc.
- Transport: Free transportation to women off hours
- Food: canteens facilities
- Housing: On-campus residential quarters available for staff and Amenities

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

522

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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

90

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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)

7718

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

6.4 - Financial Management and Resource Mobilization

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

Faculty and Staff are well supported with seed funding for research, startup infrastructure, facilities, and a comfortable work environment. Diversity in faculty expertise is maintained with inclusiveness from international and national teachers and high retentivity. Amrita has developed an innovative Faculty

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Performance Evaluation System "FRAP." Parameters for evaluating various faculty activities are built into this system.

Mobilization of Funds: Amrita Established the Amrita Centre for Research and Development, dedicated to raising funds for sponsored research and consultancy. Student fee serves as a partial source of funds. An enhanced fee structure for international students is in place. Innovative programs are offered, which bring greater enrollment and augments fee income. Active project funding from various Government departments includes Meity, DST, DRDO, CSIR, DBT, ICMR, etc.

Optimal utilization of Resources: Amrita has pioneered the development of in-house technology solutions to reduce costs and increase operational efficiency. Amrita has signed MOUs with leading groups and has activities to optimize the utilization of the expertise of the Faculty and partners, including the UBARi project and NAAC coordination.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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)

667.1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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)

1.32

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

6.4.4 - Institution conducts internal and external financial audits regularly

External Audit

Amrita Vishwa Vidyapeetham was established to offer tertiary education in accordance with a public charitable trust's educational goals. The trust is listed under Section 12AA of the 1961 Income Tax Act. A report is filed pursuant to Section 12A(b) of the Act after independent external auditors have audited the books of accounts. The audit considers the institution's numerous operational verticals and its legal environment.

Internal Audit

The Audit Committee (AC) is in charge of overseeing the Internal Audit Function. The Audit Committee is the primary body responsible for overseeing the planning, execution, and handling of audit objections. The several locations and verticals are audited by numerous independent audit teams organized under the AC's direction. Representatives from management, CAs, CSs, accountants/audit clerks, and banking sector workers make up the audit faculty.

The relevant departments, faculties, verticals, or centres are notified of the audit team's observations and questions and asked to respond. The thread is considered to be closed when the arguments and explanations are satisfactorily addressed to the audit team.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

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The IQAC at Amrita Institute of Management advocated a goal-centric institutional structure for the end-to-end educational delivery in all programs and to adopt outcomes-based education in line with and in adherence with international best practices. The adoption of Outcome-Based Education (OBE) assumes excellent importance in line with the institution's development plan, which seeks to deliver a world-class educational experience to all stakeholders and place the institution in the top tiers of national and global rankings as well as curriculum design and delivery standards.

Teams of IQAC coordinators and other senior faculty members were organized to draft the OBE implementation strategy. According to the department's and the institution's vision and goal, the course objectives and outcomes were created in accordance with the program objectives and work for all programs. Numerous orientation and training sessions for teaching and non-teaching staff and students were held to ensure everyone completely understood the strategy and method. Training on publishing in prestigious Scopus journals has enhanced the quantity and quality of faculty articles. IQAC Cell regularly assesses the "Teaching-Learning" process through various feedback mechanisms, which significantly positively impacts the caliber of course delivery.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens 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	<u>View File</u>
Upload relevant supporting documnent	<u>View File</u>

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)

NBA Accreditation: The university's engineering programs began using outcome-based education (OBE) in 2014. As a result, all Amrita School of Engineering's Coimbatore-based qualified B.Tech programs received NBA accreditation. Three UG programs underwent the National Board of Accreditation's (NBA) accreditation procedure from January to June 2021. The NBA peer team visited in April 2021 after the NBA Self-Assessment Report (SAR) was filed in January 2021. The three B.Tech degrees in computer science and engineering (CSE), electronic and communication engineering (ECE), and mechanical engineering (ME) have each received NBA accreditation.

Green and Sustainability Initiative: According to the Clean and Smart Campus 2020 rankings by the All India Council for Technical Education (AICTE), Amrita Vishwa Vidyapeetham's campus in Coimbatore was among the top 10 universities in the country. The prize and rankings, which encourage the creation of technological solutions for cleanliness, sustainability, the environment, etc., to transform a campus into a "Smart Campus," attracted more than 2000 higher educational institutions in India. On May 26, 2021, a speech was given about Amrita's innovative and environmentally friendly methods.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

Equal opportunities for learning and education are provided to all irrespective of gender to encourage healthy participation and competition among students. We hold India's First-ever UNESCO Chair on Gender Equality & Women's Empowerment. Staff and students

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are actively involved in coordinating Amritasree Annual Conclave programs- A project that takes our culture beyond the campus to impact the community is the 250,000 women strong social movement.

Amrita has taken various safety and security measures for students and staff which include camera surveillance on College Premises, Hostels and pathways, Security staff for 24 hours in college and hostels etc. The campus has appointed a lady professional counselor to counsel girl students in dealing with personal issues, mental stress, depression, general disinterestedness in studies, ward-parent and student-faculty relationships, failing in examinations, losses etc

The gender equity initiatives are reflected in all curricular, cocurricular and extra-curricular activities of the school. Female students are equally encouraged to participate in technical/ nontechnical events at inter-collegiate/university levels. The school provides specialized facilities like a separate gymnasium, basketball court, etc. for girls. Various committees like Women's grievance cell, anti-ragging committee, students' counseling committee and internal complaints committee are there for the safety and security of the students.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Annual gender sensitization action plan(s)	https://care.amrita.edu/agar2021-2022/find .php?path=cr7/7.1.1
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://care.amrita.edu/aqar2021-2022/find .php?path=cr7/7.1.1

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	<u>View File</u>

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

All our campuses have systematic waste management systems, ensuring the primary sorting of solid waste. Sorting stations for itemized segregation of recyclable waste and proper handling of non-recyclable waste guarantees zero liability and protection to the environment. The Amrita Viswa Vidyapeetham has its own ARC -Amrita Recycling Centre. Five different colour designated bins have been provided at various locations for collection of bio waste, paper, plastic/napkin waste inside campus. After segregation the majority of the waste is reused or re-cycled, Nonrecyclable waste is properly handled and guarantees zero liability and protection to the environment. The biodegradable waste is converted to organic compost using various techniques like windrow composting, vermicomposting, and in-vessel composting. For Liquid Waste Management, the institution has installed 03 STPs inside campus with a total capacity of 10 Lac litres per day. Sewage generated is treated in these STPs and is used for flushing and green belt development. The process of sewage treatment is free from use of chemicals and not a drop of water is left un-utilised. Biomedical waste management is handled through our custodial department at Kochi campus and transported in covered containers, following all regulations for handling biomedical wastes, to our waste receiving area. An E-Waste Management Committee has been set up at the campus since 2021 to deal with segregation & disposal of E-Waste. The E-Waste is disposed off every year by 30 November as per SOP framed by the Campus Administration through authorized E-Waste Agency

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

A. Any 4 or all of the above

system in the campus

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- A. Any 4 or All of the above
- 1. Restricted entry of automobiles
- 2. Use of bicycles/ Battery-powered vehicles
- 3. Pedestrian-friendly pathways
- 4. Ban on use of plastic
- 5. Landscaping

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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:
- A. Any 4 or all of the above

- 1. Green audit
- 2. Energy audit
- 3. Environment audit
- 4. Clean and green campus recognitions/awards
- **5. Beyond the campus environmental promotional activities**

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

A. Any 4 or all of the above

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.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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)

Amrita students participate in Chancellor AMMA's ashram's societal and humanitarian activities, such as Amala Bharatham, Clean India awareness drive, and Amrita Self Reliant Village. Community focused clubs like Amrita Prakriti Samrakshna Samithy (APSS), ALIVE, AYUDH, AMRITA Quench organize events throughout the year.

Gender Equality is a priority led by our UNESCO Chair in Gender Equality and Women's Empowerment. We offer psychological, social and medical services to transgender individuals at the School of Medicine.

Some of the activities that take place in Amrita University during the academic period are -

- Guru Purnima Celebrations, Ganesh Charthurthi Celebrations, Navarathri Celebrations during july, August and october of 2022
- Amrita School of Spiritual and Cultural Studies Conducted Tiranga: A two-day event in celebration of 75Azadi Ka Amrit Mahotsav.
- Amrita Darshanam Organizes Dharma Dar?ana? Two-day
 Critical Reading Workshop on Mah?bh?rata in October 2021
- Amrita School of Ayurveda Conducts Meditation Training Program for First Year UG 2020 Batch and for First Year PG 2020 Batch in September 2021
- Amrita Darshanam, International Centre for Spiritual Studies

(ICSS), introduced event "An Indian Tale Box" a storytelling session for 6-9 years old children to inculcate practical wisdom and values in a simple, engaging and child-friendly way through stories.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

Amrita places a great emphasis on the inculcation of values that makes all students and staff responsible citizens of the country and the world.

Programs and activities that students and staff engage in related to inculcating values and being responsible citizens include:

- Social Awareness campaign- SWOT Analysis -Training program for Faculty from Kerala Police Janamaithri trainer.
- Experiential Learning opportunities for students and faculty to work in rural communities to help plant the seed of compassion in the impressionable minds of youth. Serves to remind them of their duties to the underprivileged populace of India.
- Independence Day and Republic Day are celebrated every year to celebrate India's independence and the date on which the Constitution of India came into effect.
- Yoga Day was celebrated on June 21, 2021, when yoga sessions were conducted for faculty and students in online mode. Dr. Vighneshwar Bhat , Assistant Professor, Department of Languages, Amrita School Of Arts and Sciences, spoke about the importance of Yoga Day. He also stressed on Meditation, Aasanas, and Breathing exercises.
- International Day of Yoga Besides the Yoga training conducted for all students and staffs, IDY is celebrated in all our campuses.

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	<u>View File</u>

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

Unifying students, faculty, staff, at Amrita's multiple campuses celebrates National days such as Independence day, Gandhi Jayanthi, Republic Day and cultural and religious festivals such as Gokulashtami, Christmas, Diwali, Navaratri, Shivaratri.

Yoga Day celebration

The 8th International Yoga Day 2022 will be celebrated on 21 June 2022 with the theme 'Yoga for Humanity' across the world with great enthusiasm. All campuses under Amrita University including faculty, staff, student and research scholars joined for the celebration.

WORLD ENVIRONMENT

Amrita University, celebrated World Environment Day on 5th June 2022. University in association with AYUDH (Amrita Yuva Dharma Dhara) conducted clean up drive and initiated "Amritavanam Project" ENVIRONMENTAL INFORMATION SYSTEM (ENVIS) CENTRE coimbatore conducted competitions like poster manking and slogans for creating awareness.

Other events such as, Janmashtami Celebrations, World Breastfeeding

Week, Teacher's day and World Literacy day, International day of Peace, National Women's Health and Fitness Day, Gandhi Jayanti, Global Hand washing Day, World Students' Day, World Diabetes Day, Children's Day celebration, International Women's Day Celebration, World Health Day, World Liver Day and International Nurses Day was carried out in different campuses under Amrita University.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.2 - Best Practices

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

Live In Labs

It is a multidisciplinary experiential learning program that breaks classroom and lab barriers by applying learned theory in real-world settings. It helps in the development and employment of sustainable solutions for current challenges faced by rural communities. It Brings academicians and members of a community together to create inclusive knowledge societies and empower remote communities by increasing access to information and knowledge. Students from different programs are put together to identify the concerns bothering particular communities. Due to Covid 19 pandemic, thesessions wereheld in online mode. Teams are formed by bringing in students of various programs with distinct skill sets, team leaders are nominated, and faculty members are allotted to each team. Each leader is assigned a set of members who work under him/her. Assignments and presentations are part of the class work. These assignments are ensured to be completed and submitted as a team.

The CCA committee is formed every year. Office bearers include faculty members and student coordinators. Activities such as workshops, competitions, and seminars are conducted through this committee. Events are conducted as per the suggestions of the student committees. The student and faculty coordinators are nominated every academic year.

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)

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Faculty at Amrita Vishwa Vidyapeetham are utilizing India's national lockdown to innovate new products and hacks to help in the fight against COVID-19. More than 60 faculty from various fields including medicine, nanoscience, AI, big data, sensormanufacturing, and material sciences participated.

Pioneering research innovations during covid

- Amrita Centre for Nanosciences & Molecular Medicine Designs Nano Masks to Prevent Infection - a multicomponent nanofiber membrane-based filter device has been developed by the Amrita Centre for Nanosciences and Molecular Medicine and the Amrita Institute of Medical Sciences.
- Low-Cost Face Masks from Mechanical Engineering Students Amrita School of Engineering, Coimbatore have developed another low-cost mask to aid the fight against COVID-19.
- Amrita Intubation Box Amrita Institute of Medical Sciences
 Department of Plastic Surgery has created a three-sided
 acrylic box to separate the intubation team from the patient
 physically.
- Low-Cost Ventilator Designed by the Department of Electrical and Electronics Engineering
- Amrita Fly-Med System: a Quad Plane During the Pandemic Amrita Fly-Med System combines long-distance service range with the ability to make deliveries to a doorstep.
- Mobile Apps That Assist in the Fight Against COVID-19 Department of Computer Science Engineering, along with the
 Department of Aerospace Engineering of Amrita School of
 Engineering, Coimbatore, have developed two applications:
 Diagnostix and Pandemix.

7.3.2 - Plan of action for the next academic year

I Institution

- Increase industry institution collaborative activities through IIPC cell
- Organize entrepreneurship awareness programs and facilitate

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and support staff development.

- Conduct awareness program for IPR and Patent filing
- Establish an Education Technology center for training faculty in pedagogy and communication skill

II Students

- Conduct bridge courses and orientation programs for new batches of students.
- Motivate the students to register for online MOOC courses and participate in Smart India Hackathon.
- Encourage participation in research projects and publish technical papers along with faculty in the journals.
- Conduct Crash Courses in Practical classes for the missing Lab courses in winter vacation periods.

III Faculty

- Ensure each faculty undergoes at least two faculty development programs in a year.
- Faculty with Ph.D. and pursuing Ph.D. to publish a minimum of two research papers in Scopus Indexed Journal each year.
- Invite Faculty members to be present in the campus from November 2021.

IV Non-Teaching Staff

 Conduct skill training programs for non-teaching staff in respective domains to improve their skill level and be of current relevance.

V Departments

- Propose one interdepartmental research project for funding agency
- Organize a minimum of two faculty development programsper year in the emerging area