YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	ANNAMALAI UNIVERSITY
• Name of the Head of the institution	Dr. Rm. Kathiresan
• Designation	VICE-CHANCELLOR
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04144-237066
• Mobile no	9655188233
• Registered e-mail	auvcrmk@gmail.com
• Alternate e-mail address	iqacau1929@gmail.com
• City/Town	ANNAMALAINAGAR, CHIDAMBARAM
• State/UT	TAMIL NADU
• Pin Code	608002
2.Institutional status	
• University	State
• Type of Institution	Co-education
• Location	Rural
• Name of the IQAC Co-ordinator/Director	Dr. S. Arivudainambi

• Phone no./Alternate phone no	
• Mobile	**9443515406**
• IQAC e-mail address	**iqacau1929@gmail.com**
• Alternate Email address	**naac.office.au@gmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://annamalaiuniversity.ac.in/download/IQAC/AQAR_2019-20.pdf
4.Whether Academic Calendar prepared during the year?	**No**
• if yes, whether it is uploaded in the Institutional website Web link:	not prepared due to COVID-19

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 3	**A**	**3.09**	**2014**	**10/12/2014**	**09/12/2019**

6.Date of Establishment of IQAC	**24/07/2006**

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

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Mathematics	DST-FIST	DST	2016-2021	5750000
Statistics	DRS-I	UGC	2016-2021	3625000
Statistics	FIST-Level-I	DST	2016-2021	5300000
Physics	DST FISt	DST	2018-2023	7950000
Biochemistry and Biotechnology	FIST	DST	2018-2023	10900000
Civil Engineering	SAP-DRS-II	UGC	2015-2020	10000000
Zoology	DST-FIST	DST	2018-2023	4500000
Plant Pathology	DST-FIST	DST	2019-2022	8900000
Annamalai University	PURSE	DST - PURSE	2018-2023	339150000

8.Whether composition of IQAC as per latest NAAC guidelines	Yes	
• Upload latest notification of formation of IQAC	View File	
9.No. of IQAC meetings held during the year	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	
• (Please upload, minutes of meetings and action taken report)	View File	
10.Whether IQAC received funding from any	No	

of the funding agency to support its activities during the year?	
• If yes, mention the amount	

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

Under Institution Industry Interaction Interface (IQUART' 21) platform Workshops and Seminars were organised
Organised Annamalai University manifest to Noble Erudite Thoughts (AUM to NET)
Organised Annamalai University manifest to Prized Erudite Thoughts (AUM to PET)
Conducted Stakeholders Feedback and student satisfactory survey
Conducted 360 degree academic audit for teachers and 1000 point academic audit for departments

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
Data collection, preparation and submission of SSR	SSR submitted on 29-4-2021
To augment industry institute interaction	Under Institution Industry Interaction Interface (IQUART' 21) platform Workshops and Seminars were organised
To bring current stream of thoughts to students	Organised Annamalai University manifest to Noble Erudite Thoughts (AUM to NET) and Prized Erudite Thoughts (AUM to PET)
To conduct Stakeholders Feedback and Students Satisfactory Survey	Stakeholders Feedback and Students Satisfactory Survey were conducted and ATR is placed in the website

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

Name	Date of meeting(s)
Deans commitee	19/07/2022

14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?

Yes

15.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-2021	15/04/2022

16.Multidisciplinary / interdisciplinary

With more than 10 disciplines and 50 departments of study - ranging from Arts to Medicine, Fine Arts to Engineering, Agriculture to Aquaculture - Annamalai University is one of the oldest universities and a multi disciplinary by birth naturally catering to the ever growing needs of interdisciplinary demands. The coexistence of diverse departments fosters inter/multi disciplinary ventures among students, researchers and faculty. Apart from yielding academic results such multi disciplinary enterprise benefits the society near and far.

17.Academic bank of credits (ABC):

The Academic Bank of Credits is not adopted for the year 2020-2021.

18.Skill development:

- A separate Directorate of Skill Development is functioning in the University and offering skill development programmes.
- Annamalai university and Health Sector Skill Council (HSSC) signed an MOU on collaborating for skill development programmes in health sector
  - Emergency Medical Technician - Basic
  - Front Desk Coordinator
  - General Duty Assistant
  - Geriatric Aide
  - Medical Equipment Technician
  - X-Ray Technician
- A Diploma in Mining programme is offered for the land donors of Neyveli Lignite Corporation in collaboration with NLC
- Skill development programmes such as Diploma in Agriculture, B.Sc. Medical Laboratory Technology, B.Sc. Medical Imaging Technology caters to the growing skill requirement

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

- A full fledged century old Faculty of Fine Arts has been offering academic and research programmes in Indian Music and traditional dance form Bharatanatyam effectively imbibes traditional knowledge into the minds of younger generation
- Two Value added courses in Music offered to students of other faculties effectively promotes knowledge and interest in Indian Culture and ethos
- A devoted Faculty of Indian Languages with Departments of Tamil, Hindi and Linguistics has been promoting research and studies.
- A significant contribution has been made by the Faculty to preserve endangered tribal languages
- A Centre for Yoga Studies, a pioneer of its kind in the Country, has been disseminating the yogic wisdom for more than half a century to tens of thousands of populace from all walks of life

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

100 %. The curricula of all the programmes have been thoroughly revised with Learning Outcome Based Education (LOBE) components in-built with well structured CO-PO mapping and a unique attainment assessment protocol.

21.Distance education/online education:

A separate Directorate of Distance Education is functioning and offering various academic programmes.

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	185
1.2 Number of departments offering academic programmes	55

2.Student

2.1 Number of students during the year	20610

2.2 Number of outgoing / final year students during the year:	4175
2.3 Number of students appeared in the University examination during the year	20197
2.4 Number of revaluation applications during the year	5
3.Academic	
3.1 Number of courses in all Programmes during the year	5949
3.2 Number of full time teachers during the year	1417
3.3 Number of sanctioned posts during the year	1417
4.Institution	
4.1 Number of eligible applications received for admissions to all the Programmes during the year	23503
4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	4696
4.3 Total number of classrooms and seminar halls	353
4.4 Total number of computers in the campus for academic purpose	2852
4.5 Total expenditure excluding salary during the year (INR in lakhs)	4231.37

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

Metamorphosing with courage and faith since 1929, Annamalai University has been meeting the changing needs of humanity by imparting inclusive, ethical, and quality education. The programmes and curricula implemented from time-to-time help elevate the nation by providing multistreams of rightly educatedand tech-savvy human resources leading to developments at local/regional/national/global levels.

The Learning Outcome Based Education (LOBE) curricula of the University, imparting domain-cum-extra-domain awareness and aptitude-attitude combogroom the young minds to ably keep pace with the SWOCs of the world. Its rural milieu in one of the less-educated districts of Tamil Nadu, is no bar to offer multi-faculty programs that consciously and consistently concentrate on local issues- coastal agriculture, rural entrepreneurship, ocean management, disaster management, etc., besides trendsetting in Engineering & Technology, ICT, Sports, andYoga.

The curricula encourage thinking globally and acting locally by percolating world's best knowledge to national and regional benefits. With the dynamic component called Current Streams of Thoughts/Trends embedded in every course, provisions are there to auto-embrace the prospective developments:

- Industry-5.0
- Alternative Energy
- Environment Sustenance
- Machine-Human-Interface
- Taking on Pandemics

With this sort of dynamic resources, achieving India Vision 2030 -- transforming India into a Prosperous, Healthy, Secure, Corruption-free, Energy-abundant, eco-friendly nation is certain.

File Description	Documents
Upload relevant supporting document	View File

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

10

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

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

5650

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

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

19

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

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

0

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

1.3 - Curriculum Enrichment

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

Apart from knowledge and skill, mind-set development – the quintessence of responsible behavior, innovative practices, and the basis for exuberant execution – is also emphasized by Annamalai University. Over 380 courses of the University have insightful contents stressing the significance of these veritable issues, in addition to specific courses on environmental studies, human values, ethics, etc., as mandatory inall programmes.

Crosscutting Issues

Core Courses

Elective Courses

Professional Ethics

53

23

Gender Sensitivity

38

12

Human Values

49

26

Environment Sustenance

86

96

Apart from offering ethics as a separate course, many facets of ethical issues are covered in 76 courses, particularly, professional ethics. Research courses stress the relevance and need for intellectual ethics, best practices, and etiquettes involved in respective fields along with issues related toIPR, plagiarism, etc.

Aspects of value education have been infused in 75 courses. Values from Tamil, Sanskrit and other languages are curricula merged. Tenets from Indian Freedom Movement, Gandhian Philosophy and Indian Constitution are integrated into the syllabi.

Concerns of gender-equity awareness among students are addressed through 50 courses across various disciplines. Aspects of environment education are stressed through 180+ courses, covering the impact of human intrusion on ecosystem and the need for sustainable development.

File Description	Documents
Upload relevant supporting document	View File

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

82

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

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

748

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

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

5811

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

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	View File

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	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

6806

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

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

3607

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

2.2 - Catering to Student Diversity

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

Most of the aspirants stepping into Annamalai University are first generation students from rural background with their school education in vernacular medium. Academic Departments provide Induction/Orientation and bridge-cum-remedial inputs to upscale knowledge-skill-attitude levels of the fresher.

With a mix of assessments, the clusters of slow and advanced learners are identified. Subsequently, programme coordinators and faculty mentors start adopting student-centric measures to ensure holistic moulding.

Menu for Slow Learners:

- Bilingual Teaching Methods in the first semester
- Trial Tests and Mock Examinations to cope up the pressure of scoring marks
- Some Curricular Regulations:
  - Built-in Credit Modification System in BE programmesto withdraw a maximum of 2 courses per semester from IV to VII semesters
  - In B.Sc. (Nursing), term tests are conducted thrice and the average marks of best two performances are considered

Menu for Advanced Learners:

- **Student Symposia to encourage innovative thoughts and Publication**
- **Registration fee waivers for students in seminars/workshops**
- **Opportunities to conduct and participate in student research conventions**
- **Abundant choices of Inter-department electives and value-added courses**
- **Some Curricular Regulations:**
    - **Academic flexibility through registration of MOOCs in SWAYAM**
    - **Provisions in the B.E programme regulations to offer "One-Credit Courses"**
    - **Honours Degree concept in all B.E. programmes**

File Description	Documents
Upload relevant supporting document	**No File Uploaded**
Link For Additional Information	**Nil**

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
20610	**1417**

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

2.3 - Teaching- Learning Process

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

The curricula of most programmes in the University have built-in courses on experiential and participative learning encompassing internship, work experience, research, project work, in-service learning in core or allied areas. Many courses also have components to stimulate learners' problem-solving abilities.

Experiential Learning Activities

- **Rural Awareness/Horticultural Work Experience, School internship, Model Farm Clinic, Bee keeping, sericulture, nursery planning, Landscaping, Organic Pesticides and Fertilizer Production, Do-it-Yourself**
- **Applied Project or Mini Project, Budget and Stock Market Analysis, Case Study, Village Survey**
- **Attachment toFactory/Agro-industry/Media Industry/NGOs**
- **Designing E-Magazines, You Tube Content Development & Hosting/ App Application, App Development, etc.**
- **Civic Engagement- Yoga, Sports, Sport Meets, Debates, Stage Play, Oratory, Job Fair Conduct, First Aid Training, Rescue Deeds, Coastal and Campus Cleaning Programmes, etc.**

Measures for Participative Learning

- **Community Mingling, Learning and Surveying, Compassion Clubs, and Empathy Guilds**
- **Excursion-cum-Education, Expo Stall, Facilitation Classes, Factory Visit, and Field Survey**

Platforms for Problem Solving Methodologies

- **Annamalai University Department Business Administration– AUDBATechnos, AUDBA Wings, Quest, Tuners**
- **PUTS (Put You in Tight Spot), Provoke Reaction, Resolving Conflict Resolution, Quest Quick, Problem Solving, Presentation, Question Tag**
- **Clinical & Surgical Practices, Clinical Psychology, Intensive Care, Medical Emergency Handling, Pandemic Preparedness, Med-camp**

Innovation- Entrepreneurship Eco-system, Artificial Intelligence, Internet of Things

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

Annamalai University has a state-of-the-art IT facility, a jewel in the crown of its overall infrastructure.

The faculty of the University have exposure to and are proficient with the conduct of online classes, seminars and LMS:

- Workplace Management Systems like Google Classroom, zoom meeting, Go to meeting, Edmodo, Microsoft Karizala to deliver contents and review assignments
- Social media network groups for real time reporting, attendance, and on-site work progress for monitoring Hands-on training
- University website hosts online tutorial classes
- Exclusive Microsoft Teams ID for all the teachers and students have been created
- Specific virtual platforms created to handle and monitor online classes in defined schedules

A plenty of subject specific, ICT software, most of which are in-house developed, such as the following are in use:

- ENVIS database to access information on estuaries, mangroves, coral reefs and lagoons and other marine resources
- 3-D Montage software for real time image capturing of minute insect structures and specimens
- Scuba Diving Digital Board for deepsea diving and navigation
- Ocean Information System on marine biodiversity
- GIS Software Tools for examining geographic patterns, trends, and relationships
- Shorindnger Software Tools for simulation of pharma and material research
- In Silico and Bioinformatics tools for computational biological exercises

File Description	Documents
Upload relevant supporting document	[View File](#)

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

2.3.3.1 - Number of mentors

1417

File Description	Documents
Upload relevant supporting document	[View File](#)

2.4 - Teacher Profile and Quality

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

1417

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

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

1081

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

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

20

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

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

22

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

2.5 - Evaluation Process and Reforms

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

8

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

8

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

87

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

Examination Management System of Annamalai University is robust with IT integration and reforms to handle the conduct of practical, theory and viva examinations for over 19,000+ students across 340+ programs every semester.

IT Integration

- **OMR (Optical Mark Recognition) sheets to ensure 100% accuracy in data entry**
- **Electronic coding and decoding of candidates' details for faster result publication**
- **Bar coded dummy number s to ensure increased confidentiality**
- **In-house designed software to process the OMR answer scripts and mark statements**
- **Email Facility for faster and faceless grievance redressing system**
- **'Urkund' software mandatory for plagiarism check of theses, research articles, seminar and conference papers, books and book chapters**

Reforms

- **Learning Outcome Based Education to ensure adequate attainment measurement**
- **Bloom's Taxonomy for effective assessment of outcome attainment and graduate attributes**
- **Online portal for examination registration**
- **Mandatory Electronic payment mode for every fee-payment**
- **Online filling of requests for revaluation of answer scripts helping the students and university in saving time and environment by reduced use of paper**
- **Online uploading of Continuous Internal Assessments of performance of students**
- **Online downloadable publication of semester-results**
- **Online tracking of research-registration progress and thesis evaluation status enabling research scholars well informed**

e-SANAD facilityfor contactless, faceless, cashless, and paperless document verification

File Description	Documents
Upload relevant supporting document	View File

2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

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

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

The Learning Outcome Based Education (LOBE) has been so chiselled that the curriculum, pedagogy, learning, exposure and evaluation methodology must eventually help the realization of the Learning Outcomes by the learners.

The University takes utmost care in publicizing the LOBE components among all stakeholders:

- Each course is outlined with Course Outcomes and their mapping depicted through a matrix table
- Handbooks highlighting LOBE are available as downloadable PDF links
- Multiple copies of the handbook are kept in the departments for reference
- Relevance and significance of the learning outcomes is discussed in every IQAC Meeting
- Students are sensitized about the LOBE by the Head, Course Teachers and Mentors
- Model question papers based on Bloom's Taxonomy are available in the student portal
- Teachers are sensitized about outcome mapping and attainment protocols

The University has thoroughly thought for the integration of outcome-based education in the assessment process and executed it through developing a quantifiable, multi-dimensional set of scoring guidelines -- RUBRICS.

- Continuous Internal Assessment and End Semester examinations are Outcome Based on the model of Bloom's Taxonomy
- The University has incorporated a built-in mechanism of analysing attainments of students

The outcome Attainment of students are assessed and discussed by the department level committees

File Description	Documents
Upload relevant supporting document	[View File](#)

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

Considering the diversity of the programmes offered and the massive student strength, the University has developed a tailor-made outcome attainment assessment protocol implemented with custom-made protocol in Excel spreadsheet. Assessment of Learning Outcome Based Education (LOBE) attainment is done using Rubrics at four levels.

Rubrics Level 1 – Curricular Level

Rubrics Levels 2, 3 & 4 – Individual Student Level

The direct assessment methodology is adopted to calculate PO

attainment of a student. In the mid-semester/end-semester
examinations, questions relating to specific course outcomes
reflecting Bloom's Taxonomy levels are put forth to test the
cognitive levels of the students. Further, a set of continuous
assessment methodologies is adopted at every stage of the course and
their scores are integrated in the final marks. Thus, the percentage
marks obtained by an individual student (Rubrics level 2) reflects
his/her course outcome attainment level.

To calculate PO attainment from a particular course, the total marks
obtained by the student is considered along with the percentage of
apportioned PO attainment contribution by the course concerned as
per the formula given below:

PO/PSO attainment from a course = (PO/PSO attainment contribution of
individual course impact (%) / Total marks obtained by the student
in the course) x 100

File Description	Documents
Upload relevant supporting document	View File

2.6.3 - Number of students passed during the year

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

4098

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

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://annamalaiuniversity.ac.in/download/IQAC/quality%20initiative/SSS_2020_2021.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

Fifteen departments of Annamalai University are supported by UGC-SAP, twelve by DST-FIST and two have been enjoying the status of Centre of Advanced Study. The CAS in Marine Biology is the only Centre with Potential for Excellence in Marine Sciences.

Annamalai University has joint Research and Innovation Partnerships with 24 institutions across the globe. Research projects with international foundations and industry majors such as Bill & Melinda Gates Foundation, Bayer, CavinKare, Dow Agrosciences, HCL, L&T, Accenture and others are ongoing. During 2015-20, Rs.1043 lakhs has been invested towards updating research facilities.

Annamalai University Research Policy

The University has evolved its well defined and dynamic Research Policy (uploaded on the University website) with a candid depiction of the Preamble, Objectives and Approaches to promote Basic, Applied, Patent-centric and Frontier Research activities. It includes the following components:

Types of Research:

- Progressive Degree-centric
- Policy-centric
- Project-centric
- Problem-centric
- Patent-centric
- Product-centric

Conventions, Ethics, and Regulations:

- Bench-mark Standards and Norms (WoS/Scopus requirements)
- Ethics/Guidelines as to Environment, Animal-usage and Hazardous waste disposal
- Regulatory Guidance for Conducting Clinical Trials and Project Administration
- Plagiarism Policy & Procedures
- Security and Sensitivity Clearance for Projects Involving Foreigners/Foreign Collaborations

File Description	Documents
Upload relevant supporting document	[View File](#)

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

Nil

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

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

1

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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

97

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

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

21

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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)

309.47

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

125.47

File Description	Documents
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Upload relevant supporting document	[View File](#)

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

75

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.3 - Innovation Ecosystem

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

Annamalai Innovation and Incubation Research Foundation (AIIRF) is registered under Companies Act 2013 and funded by Entrepreneurship Development and Innovation Institute (EDII-TN). The AIIRF has signed MoUs with 10 startups and 4 incubatees are in pipeline. A Mini-Scale "Vettiver" oil extraction plant to promote rural livelihood is coming up; and an incubatee, Mrs. Sarojini, has received IIT-M's "L-RAMP Award of Excellence."

- **The innovative 'Rice + Fish + Poultry' integrated farming system, initially propagated in Tamil Nadu has become international.**
- **Several new strains of plant pathogens have been isolated and their gene sequences deposited in NCBI.**
- **First reports of Bacillus tequilensis RP01 in association with Serratia rubidaea SNAU02 was found effectively degraded LDPE waste**
- **Developed novel ornamental fish breeding technology and transferred it to Gujarat farmers and local youth**
- **Air springs for high speed trains of Indian Railways tested and new mix proportions for geo polymer road developed in the University**
- **The Centre for Material Joining & Research (CEMAJOR) provides incubator facility and welding laboratory service.**
- **The Centre for Environment, Health & Safety (CEHS), a Quality Council of India "A" Grade accredited EIA organization has successfully completed many consultancy projects.**

File Description	Documents
Upload relevant supporting document	[View File](#)

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

51

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

51

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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

57

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following

A. All of the above

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

File Description	Documents
Upload relevant supporting document	[View File](#)

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website

B. Any 3 of the above

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

46

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

541

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

1

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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

3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

373

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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

D. Any 2 of the above

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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

Scopus	Web of Science
2.87	**4.30**

File Description	Documents
Any additional information	[View File](#)
Bibliometrics of the publications during the year	[View File](#)

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

Scopus	Web of Science
22	**19**

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	**No File Uploaded**

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

- **Norms pertaining to ethical clearance:**

1. All projects involving use of data and materials relating to human subject and animals must be approved by the Ethical committee constituted by the University.
2. The Institutional Animal Ethics Committee (IAEC) shall examine proposals involving research on laboratory animals.
3. Project staff engaged in scientific experiments on animals shall act in confirmation with the provisions of acts relevant to Prevention of Cruelty to Animals
4. In collaborative projects ethical policy of partnering institute is also considered.

- Norms for Overhead Charges

1. A separate account is maintained for the grants.
2. The amount deducted as overhead charges will be in line with funding agencies
3. In the case of private funded projects and private consultancy, overhead charges deducted will be 30% of the project cost.

Budget distribution in Consultancy projects

For Knowledge-based consultancy

Overhead charges : 45%

Remuneration : 55%

For R&D-based Consultancy

Overhead charges : 30%

Project Cost : 50%

Remuneration : 20%

For Technical Services

Overhead charges : 25%

Project Cost : 50%

Remuneration : 25%

The client shall pay an advance of 50% of the total cost of the project for Knowledge-based Consultancy and 100% for R&D Consultancy.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

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

342.83

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

3.6 - Extension Activities

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

- **The CSD offers skill trainings and NSDC approved certificate programmes to neighborhood school dropouts and rural youth**
- **The CRD has adopted 55 villages and has trained rural population in mushroom cultivation, tailoring, etc.**
- **In association with MHRD and IIT-D, the CRD implements 'Unnat Bharat Abhiyan' for Agriculture, Health and Environment awareness, skill development, etc., in five villages from Parangipettai Block.**

- **The Department of Electrical Engineering has conducted trainings for Electrical wiring that helped many unemployed youth**

- **The mangrove forests raised under the aegis of the Faculty of Marine Sciences have saved hundreds of human lives in Parangipettai during the Tsunami and seawater erosions.**
- **B.Sc. Agri/Horti students undergo Rural Work Experience in the neighbourhood villages and transfer technologies.**

- **The Annamalai Rice+Fish+Poultry farming system empowers nearly 2500 small and marginal farmers**
- **The flood-tolerant rice variety 'SIGAPPI' introduced by Annamalai University helps the Tamil Nadu delta farmers to combat floods**
- **The Department of Horticulture offers certified seeds of Annamalai Brinjal variety at affordable price**
- **The Animal Husbandry Division organizes training to dairy-farmers, veterinary health camps, and artificial insemination services.**
- **Farmers' Day, Field meetings, Training programmes are conducted and diagnostic services are extended.**

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

15

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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)

7

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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

1415

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

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

193

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

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

12

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The abundance/ampleness of its infrastructure in the University has been attested by the regulatory bodies.

Out of 300+ classrooms (Three lakh 72,000 Sq. ft), 118 classrooms are Smart/Wifi/LAN enabled. 48 seminar halls (64,000 Sq. ft.) with a cumulative seating capacity of 4300 persons are available. Teaching and research laboratories numbering 300+ (Four lakh 8,000 Sq. ft.) add to research ambience.

New equipment worth Rs.1043 lakhs have been added to the existing inventory worth Rs.2360 lakhs..

A 1400 bedded hospital with all surgical & bio-instrumentation facilities, Boat and Jetty, Farm lands, Orchards, Apiary, Sericulture Unit, Biopesticide Unit, Botanical gardens, and Dairy Unit enable hands-on-experiential learning. Further, Centralized Instrumentation Service Laboratory and Central Animal facilitate advanced research needs.

A RFID enabled Central Library (apart from libraries at faculty and department levels) adequately supports teaching-learning.

A sprawling sports pavilion and games complex, a self-contained press, a 33/110 KVA sub-station, lakes, 4079 rooms in 19 hostels with an accommodation capacity of 12500 students add to the massive infrastructure of the campus.

A Student: computer ratio of 7:1 is maintained with 2362 computers. The University has an exclusive 24x7 1 GBPS NMEICT (National Knowledge Network) leased line.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

The University has an invigorating atmosphere and adequate facilities to turn students into well rounded personalities.

An open-air theatre, a well-equipped indoor theatre, and a total number of 24 indoor auditoria in the University support big stage programmes. The Faculty of Fine Arts has a common practice floor with all essential features and facilities.

The yoga and meditation centre has 2 spacious practice halls, 1 meditation hall, and an auditorium.

Sports and Games Facilities

The University has a vast central sports complex spanning over an area of 6.5 acres with a user rate of 3000/day that caters to the needs of the students. It is equipped with sophisticated facilities for the conduct of Regional/Zonal/National sports/games meets.

- **One 400 m Track with 8 lanes (Mud) and separate fields for shot put, hammer, discus and javelin throw, long jump, high jump and triple jump pits.**
- **2 Football grounds**
- **1 Hockey court**
- **3 Kabaddi courts**
- **1 indoor and 3 outdoor**
- **3 Basketball courts**
- **4 indoor wooden and 2 outdoor Ball badminton courts**
- **2 Kho-Kho courts**
- **2 Handball courts**
- **1 Cricket playground**
- **6 Tennis courts**
- **Multi-purpose fitness centres**

File Description	Documents
Upload relevant supporting document	[View File]()

4.1.3 - Availability of general campus facilities and overall ambience

The Central Administrative Block housing all offices with the historic Sastri Hall at the centre facilitates the effective functioning of the university.

Hostel Facilities: 20 hostels (13 men, 6 women and an international hostel) with 4079 rooms accommodate over 12500 students.

Health Care - The University Hospital, working 24/7, takes care of the health of students and staff. An OP clinic in the heart of the University offers generic medical service.

A Guest House with 105 rooms well-furnished kitchen and three dining halls, caters to guests.

Security and Surveillance System with Advanced, IP-based 306 CCTV cameras at vantage locations, round-the-clock security personnel surveillance, and two police outposts, ensures safety and security in the campus.

A Staff Recreation Club, 5 Canteens and 4 Co-operative stores offer services.

Uninterrupted Power- Two 33/110 KVA substations ensure uninterrupted power supply.

Four bank branches, 7 ATMs, and two Post Offices

Differently-abled friendly ramps and rest-rooms in all the academic/administrative blocks available

Staff Quarters- comprising 535 residences and six blocks of bachelor quarters are available.

Surface Connectivity with other parts of Nation/State by rail and road exists. Chidambaram Railway station is at a walking distance from the campus and a bus terminus is inside the campus.

File Description	Documents
Upload relevant supporting document	View File

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

1898.66

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

4.2 - Library as a Learning Resource

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

The central library has been automated through an ILMS- the NIRMALS It works on Client/Server windows-based RDBMS software.

The following are sthe salient features:

1. The NIRMALS supports Multi-Users Environment and Multi-Location Web Interface
2. It follows and allows to standards such as MARC 21, ISBD/ISDS, AACR2, ISBN, Language Codes ISO 639:1988, Country Codes ISO

3166, ISO 2709 format for data input.

3. It represents 140 universally recognized languages through Unicode UTF- 8 without giving room for language barriers.
4. It supports all standard search features including user interactive module for Boolean Search
5. Selective Dissemination of Information (SDI) Service, In-built Barcode software and printing various kinds of reports, which covers all the reporting parts of a library administration and management, are available.
6. Library has entirely digitized the library management by adopting RFID (Radio Frequency Identification) technology. Cataloguing, issue and return of books are made easier through this modern, need-of-the-hour technology.
7. The e resources available in the library can remotely be accessed through MyLOFT (My Library on Finger Tips) application.
8. With the support of Directorate of Public Libraries, Tamil Nadu, the Central Library has initiated the digitization of 5524 rare works available in the library (that were published before 1930) in Tamil and English.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

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

10.66

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

49169

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

246

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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

The objectives of the Annamalai University IT Policy include Addition, Access, Upkeep, Usage, Defense, and Disposal of IT assets, etc.

The policy governs the following:

- **Hardware Purchase**
- **Software Purchase**
- **Hardware Installation and Servicing**
- **Software Installation and Licensing**
- **Use of Software**
- **Network (Intranet and Internet) Usage**
- **Wi-fi Access**
- **Information Security**
- **Website Maintenance**
- **e-governance**

The University has an exclusive 1 GBPS NMEICT (National Knowledge Network) leased line for providing 24x7internet access.

IT Security (2015): Unified security management system Cyberoam provides anti-malware, anti-spam protection, and web filtering for

ethical management of IT resources.

Server Enhancement (2016): To cater to the growing needs of the students, researchers, and the faculty, University web Servers have been updated with two socket blade servers.

Connectivity (2017): A mega project of providing high speed Wi-fi facility through optical fiber cable to the university hostels.

Hack and Virus Protection: A unified security management system providing firewall protection was updated from Cyberoam to Sophos.

Expansion Plan

- Complete automation of governance by Strengthening the net connectivity in anticipation of future needs
- Enhanced IT resources like updated e-resources, improved LMS, etc.
- Raising the Student-Computer ratio to 100%.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
20610	2610

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

- ?1 GBPS

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

A. All of the above

File Description	Documents
Upload relevant supporting document	[View File](#)
Upload the data template	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

1389.90

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Maintenance of vehicles is taken care of at the University Garage-cum-Workshop

The Department of Manufacturing Engineering takes care of refurbishment of furniture

The rare collections, rare books, back volumes of journals, palm leave documents, gold-silver-copper coins, etc., are preserved and maintained scientifically.

Students and Scholars are allowed to use instruments after getting prior permission from the HoD and after making necessary entries in the log book.

For utilizing sophisticated equipment in Centralized Instrumentation Services Laboratory, downloadable request forms are available.

The research and demonstration facilities in faculty of agriculture are utilized by the students on prior approval.

Annamalai Informatics Centre does the hardware maintenance

Museums in the university are periodically maintained.

Facilities in Sports complex are accessible to students, staff on

free of cost and for public on payment basis.

The Auditoria, Seminar Halls, guest house, could be used for academic and co-curricular programmes on prior booking.

The hostels are managed by wardens, deputy wardens, house wardens, and supporting staff under the stewardship of the Hostel Convener.

An effective biomedical waste disposal procedure is standardized and implemented.

Incinerators are used to dispose biomedical waste. The Sewage Treatment Plant is functioning and provides water to grow fodder grass.

File Description	Documents
Upload relevant supporting document	[View File](#)

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

3285

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

2607

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	No File Uploaded

5.1.3 - Following Capacity development and   A. All of the above

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

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

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	**No File Uploaded**

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

25

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

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

436

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

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

148

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

5.3 - Student Participation and Activities

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

0

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

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

Annamalai University has always been a training ground for leaders and statesmen. Many great leaders and administrators who have guided/are guiding the destiny of the independent India have been trained on the fertile grounds of Annamalai. The University has a continuing tradition of nurturing leadership qualities clubbed with democratic spirit in the young learners.

Each class in every department has a class representative and one deputy class representative. Each department of the University has student committees for organizing literary, cultural and sports events. Some examples are:

- **Management Student Association,**
- **English Literary Association (ELA)**
- **Computer Science and Engineering Association (CSEA)**
- **The Institution of Engineers India (IEI)**
- **Marine Academic Research Consortium (MARC)**
- **Zoological Society**
- **Physics Society**
- **Agricultural Association**

Such committees are functioning with students as the core members and office bearers in the capacity of General Secretary, Joint Secretary, Sports Secretary, Treasurer, etc. The student members of these bodies are elected through elections. The students are also encouraged to participate in professional academic student associations at the national level. Apart from these extra-constitutional bodies, the constitutional and academic bodies like Board of studies and IQAC offer space for students to represent their views.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

0

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

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

In its ninety years of glorious existence, Annamalai University has produced lakhs of graduates who shine in all walks of life. "The Annamalai University Alumni Association", registered under the Tamil Nadu Societies Registration Act (Reg. No. 1/2015), was instituted in 2015. In the last four years, a sum of Rs.4,72, 29, 247/- has been contributed by the alumni and a number of activities have been carried out.

Sample Contributions by the Alumni:

- **The CompScE'94 Hall worth of Rs.8 Lakh**
- **Internet of Things (IoT) Lab' to the tune of 4 lakh rupees**
- **10 Computer Systems**
- **An ONIDA Air Conditioner Unit (1.5Tones) worth Rs. 30,000 /-**
- **Laboratory equipments worth Rs. 7.85 Lakh and 92 books**
- **Water cooler cum purifiers at Faculty of Agriculture Rs. 3,00,000**
- **LED floodlights, CCTV cameras and connectivity @ Rs. 3,00,000/-**
- **Alumni Block at Faculty of Agriculture Rs. 65,00,000/-**
- **Dr. K.Ganapathy Hall, Dept of Physics Rs.25,00,000/-**
- **Electrical & Electronics Engineering Hall renovated at the cost of Rs.10,00,000/-**
- **Prof. V. Balaiah Hall @ Rs.5,00,000/-**
- **Bore-well and water purifier @ Rs.4,00,000/- in the Dept of Commerce**
- **Sports gallery at Faculty of Agriculture @ Rs. 5,00,000/-**

File Description	Documents
Upload relevant supporting document	[View File](#)

5.4.2 - Alumni contribution during the year (INR in Lakhs)   **A. ? 5Lakhs**

File Description	Documents
Upload relevant supporting document	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Annamalai University has transformed its entire locale into a vibrant hub of knowledge-generation and skill-orientation, along with instilling "courage" and "faith" in the stakeholders.

Vision: Providing educational opportunities to aspiring students that help them imbibe the essential concepts along with emergent developments in the chosen fields of study, instilling in them the mindset and motivation for cultural and social uplift, and

contributing to the national paradigm of collective responsibility in the path towards growth and prosperity

Mission Statements

- To reach the unreached learners with high quality mentoring and affordable higher education so as to transform them into successful professionals
- To mould the thought-pattern and effect multi-skilling of the learners in tune with the contemporary developments
- To stick to the governance culture in such a way that the leadership and stakeholders of the institution accelerate performance and espouse to probity

The academic bodies of the University are empowered to make learning participative, all-inclusive, innovative, collaborative, and multi-skilled.

The Long-term visionary document "Vision 2030," is drafted with 57 focused Key Drivers and well-defined Key Performance Indicators (KPIs) for each.

Mid-term/Near-term goals with time-frame, funding, efforts, and target are in place to ensure outcome based accomplishment of "Vision 2030."

File Description	Documents
Upload relevant supporting document	[View File](#)

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

1. Institutional Practices reflecting Effective Leadership:

- Programmed action plans for keeping up with targets and milestones
- Delegation of authority for building second-line leadership legacy
- Decentralized decision making
- Participative Management with transparency and accountability
- Curricular Plan, Academic Calendar, Administrative Calendar, Maintenance and Up-keep schedules, etc.

1. Decentralized Decision Making measures include:

1. Directorate of Academic Research (DARE) executes activities related to research programs.
2. Directorate of Research and Development (DRD) addresses research and consultancy projects, testing, etc.,
3. Follwing Cells, Centres, and Committees constituted to enact and speed up the process of completing goal-oriented works:

- Internal Quality Assurance Cell
- Centre for International Relations
- Centre for Intellectual Property Rights
- Centre for Skill Development
- Directorate of Training, Placement & Entrepreneurship
- Equal opportunity Cell & SC/ST Cell
- Committee for Curbing the Menace of Ragging
- Compliance Committee against Sexual Harassment of Women at Work

1. The following statutory bodies ensures and improves participative management:

The Syndicate; Finance Committee; Academic Council; Deans' Committee; Boards of Studies; IQAC; Building Committee; Tender/Bid Opening Committee; Purchase Committees; CAS Scrutinizing Committee; NAAC-SSR; Documentation Committees for ranking frameworks; Committees for UGC, FIST, PURSE, and RUSA monitoring; etc.

File Description	Documents
Upload relevant supporting document	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The vision-centric document, Vision 2030, explicates the institutional strategic plans of the University. The prime Key Driver in 'Vision 2030' is the 'Teaching, Learning & Evaluation (TLE)' process, with 26 Key Performance Indicators (KPIs).

The following are a few highlights of outcome achievements:

KPI in Vision 2030

Target Set for 2020

Achievement

KPI-3: Constant updating of the syllabi by BoS constituted with members from Academia, Industry, Alumni and Students along with faculty members

75%

100%

KPI-4: Revisit and recalibration of the PSOs and COs frequently

50%

100%

KPI-5: Modifications in curriculum to imbibe graduate attributes

20%

95%

KPI-6: Periodical introduction of Value Added Courses

35

79

KPI-7:Introduction of Interdepartmental Electives to enable students to pick them cutting across disciplines to acquire holistic knowledge

30%

85%

KPI-13: Revamping the curricula to meet global demands

30%

60%

KPI-14: Exploring tie-ups with global institutions of repute for students exchange programs

Two Tie-ups

100%

KPI-15: Developing ICT enabled

smart/virtual class rooms.

10 classrooms

30

KPI-23: Compliance with OBE in terms of Question Paper Setting and Valuation- OBE

40%

85%

KPI-24: Exams to evaluate the cognition levels of Bloom's Taxonomy

40%

85%

In line with the Vision 2030, the University is marching towards excellence.

File Description	Documents
Upload relevant supporting document	View File

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

The University was established as per Annamalai University Act 1928 (TN Act 1 of 1929). The Annamalai University Act 2013 provides for a revamped administrative structure, statutory authorities and administrative positions.

Statutory Officers

The Chancellor, the Governor of Tamil Nadu,

The State Minister for Higher Education, the Pro-Chancellor of the

University

The Vice-Chancellor, the managerial head, with the missionary support of the Registrar, Deans, the Finance Officer, the Controller of Examinations, faculty members and administrative staff is the highest authority on campus.

Statutory Bodies

The Syndicate meets at least every two months to ensure the efficient functioning of the university, with a range of powers, such as: making/amending statutes, offering programs of studies/ R&D activities etc.

The Academic Council meets twice a year to address issues related to student admission, courses of study, establishing new departments, collaborations, examination process and so on.

Biannual meetings of the Finance Committee review financial transactions, resource generation and allocation, accounting and auditing.

The Deans' Committee meets quite often to help the Vice Chancellor in adding vigour and vision to expediently solve issues.

Faculties and Boards of Studies do the ground work for pragmatic execution of decisions of the higher bodies in all academic matters.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation **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	[View File]()
Upload relevant supporting document	[View File]()

6.3 - Faculty Empowerment Strategies

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

Teaching Staff Performance Appraisal System

360 Degree Academic Audit-- Performance Appraisal of Faculty Members based on NAAC seven criteria

1000 points Academic Audit of Departments- --Annual Performance Appraisal of individual Departments

Career Advancement Schemes --Performance Appraisal as per the UGC and the State Government Guidelines

New Department Creation- based on necessities

Faculty members are given additional administrative positions

The Non-teaching staff are given due promotions

Welfare Measures:

- **A separate Health Centre for its Staff and their wards**
- **Free treatment to all University employees and their wards at RMMCH**
- **Provision of Tamil Nadu Government Health Insurance Scheme**
- **A number of 535 family residential quarters and 62 bachelors' quarters**
- **Guest House rooms and three community halls on nominal charges**
- **Reading Room and Staff Recreation Club for the staff to leisure out**
- **Yoga Centre and Meditation Halls in the premises**
- **Health Park with walking pavilion in a sylvan atmosphere**
- **University-run co-operative stores functioning at strategic points in the campus**
- **A co-operative thrift society functioning for the welfare of the staff**

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

0

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

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

3

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

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)

344

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

6.4 - Financial Management and Resource Mobilization

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

- **An exclusive Directorate of Research and Development [DRD] is functioning to tap the funding opportunities. (Rs. 8935 lakhs obtained during 2015-20)**
- **Set norms are in place for percentage-share of overhead charges: (Around Rs. 800 Lakhs garnered as overhead charges**

from government projects; around Rs.300 lakhs generated from non-government projects)
- For consultancy projects, overhead charge ranging from 25% to 45%
- Alumni-Alma mater bond generated Rs. 350 lakhs and created an infrastructure worth Rs.120 lakhs.
- The university has wholly/partially converted certain programmes as self-sustaining.
- A sum of Rs. 35 Lakhs has been generated from philanthropic individuals

Strategies for Optimal Utilization of Resources

- Creation of awareness for energy consumption and strict implementation of austerity measures.
- To bring down the capital and maintenance expenditure on vehicles, they were withdrawn and vehicle allowance is provided to the officials.
- The indent for stationery and consumables are pooled up for purchase through Central Purchase Pool.
- Annual Maintenance Charges for old equipment and goods are restricted
- All purchases in the University have been mandatorily routed through GeM portal

File Description	Documents
Upload relevant supporting document	No File Uploaded

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)

0

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

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

0

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

6.4.4 - Institution conducts internal and external financial audits regularly

Internal Audit

- **Preliminary Audit by the Audit Authorities of the University**
- **Local Fund Audit by Finance Section officials appointed by the State Government involves scrutiny, approval of bills, and sanction for payment.**
- **Pre-audit is done especially when new pay scales adopted for computing the arrears, pension settlements, etc.**
- **Public Financial Management System (PFMS): PFMS is effectively functioning to manage and oversee the financial practices pertaining to funds received from the government.**
- **The major policy/administrative decisions which involve monetary transactions are scrutinized by the Finance Committee**

External Audit

- **Primary Statutory Auditing Body of the Government [Local Fund Audit, Government of Tamil Nadu] does external audit**
- **The Accountant General (AG), Government of India, does the Affirmative audit,**
- **For private funded projects and certain institutional funds, the primary external auditing is done by empanelled Auditors**
- **The University has a appointed professional auditor who makes regular checks and balances and submits the returns to the IT Department.**

Audit Objections

Annual joint sitting with statutory auditing bodies are arranged to set right the objections. Special sitting with appropriate level of AG auditors supported by a special wing is undertaken to settle issues related to audit objections.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

The following initiatives of the IQAC have been institutionalized:

1. Contemporary path-breaking concepts brought in to embrace innovative temper through two series of programmes viz.,

(a) Annamalai University Manifests the Noble Erudite Thoughts [AUM to NET] and

(b) Annamalai University Manifests the Prized Erudite Thoughts [AUM to PET].

1. To enhance conscious introspection and continuous quality-upgrading in academics and administration and also to improve public perception of the university, the IQAC endevours to participate in every possible ranking frame works and SRA recognition:

National Institutional Ranking Framework [NIRF]

Atal Ranking of Institutions on Innovation Achievements [ARIIA]

The Times Higher Education World University Ranking

QS World University Ranking

ICAR, NBA, MCI, DCI, NCI, PCI, NCTE, and AICTE

1. Annual stakeholders' feedback and student satisfactory survey was done and the recommendations were placed to the authorities to initiate quality measures.
2. Periodical updates on research metrics of the University, Incentives for research achievements of teachers, mandatory Scopus and Web of Science indexed publications for scholars
3. Under Institution Industry Interaction Interface (IQUART' 21) platform Workshops and Seminars were organized

Conducted 360 degree academic audit for teachers and 1000 point academic audit for departments

File Description	Documents
Upload relevant supporting document	No File Uploaded

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	No File Uploaded
Upload relevant supporting documnent	No File Uploaded

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)

The post-accreditation quality initiatives accomplishing the recommendations of the 3rd cycle NAAC Peer Team Report includes;

1. Curriculum revamp with the ideals of Learning Outcome Based Education (LOBE) embedded with current and cross-disciplinary courses
2. Enhanced course structure with concrete Program Objectives (POs), Program Specific Objectives (PSOs), Course Objectives, Course Outcomes (COs) and a matrix of PO — CO mapping and development of Attainment protocol
3. Adoption of Bloom's Taxonomy in Question paper setting
4. Introduction of 79 VACs to scale up learners' competency to confront the challenges and exploit the opportunities in Education-4.0 and Industry 4.0 scenario
5. Introduction of MOOCs in the Curricular Framework
6. Provision of more ICT facilities and extending adoption of e governance
7. Automation of library management with Remote-Access Facility to e-resources of the University libraries
8. Establishment of an state of the art educational Multi-Media Centre

9. **Centre for Sophisticated Instruments and Inter-disciplinary Research [CSIIR] at an outlay of Rs.800lakhs in the offing Established Annamalai Innovation and Incubation Research Foundation supported by Entrepreneurship Development and Innovation Institute (AIIRF-EDII), Government of Tamil Nadu**
10. **Rationalized Deployment of teaching and non-teaching staff in a methodical manner is continued.**

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

- **As many as 50 courses on gender issues are offered**
- **Yoga for Women is given special focus**

- **Over 30 Seminars and Workshops on gender sensitization have been organized**
- **Opportunities for women as administrators, such as Deans, HoDs, Directors, Deputy Directors**
- **One-third representation reserved for female cadets in the NCC unit in Faculty of Agriculture**

- **Exclusive facilities for women to practice for sports and games exist.**
- **An elite state of the art Gymnasium for Women is available**
- **Women's Club is functioning to address women's recreational needs and their thirst for social service**
- **Waiting Halls/Common Rooms for women in every Faculty**

- **The Internal Compliance Committee against Sexual Harassment at Workplace has been constituted**
- **The University Policy of prohibiting sexual harassment displayed on the Website**
- **Women's hostels secured by high boundary walls and surmounted by barbed wires**
- **24/7 surveillance with CCTV cameras installed at important points**
- **House wardens work round the clock to ensure the safety of the inmates**
- **Restricted entry into the women's hostels is mandated**
- **Patrolling by security guards in the University campus and**

wearing of ID cards made compulsory

File Description	Documents
Upload relevant supporting document	[View File](#)
Annual gender sensitization action plan(s)	**Nil**
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	[a. Safety and security, b. Counseling, c. Common rooms, d. Daycare Centre, e. Children's Park](#)

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	**No File Uploaded**

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

The University follows the environmental policy, "Refuse, Reduce, Reuse & Recycle" and it is reflected in its waste management practices.

Solid Waste Management

- **Use of non-recyclable plastics has been completely banned**
- **Refusing as well as reducing the use of paper has been implemented by switching to paperless, ectronic modes of communication**
- **Examination answer scripts, kept for a statutory period after evaluation, are sold for recycling**
- **Campus cleaning and sorting of degradable and non-degradable waste material is done**

Biomedical Solid Waste (BMW) Management

- The University Hospital (RMMC&H) disposes the BMW through an approved Common Facility
- Almost 500-1000 Kg of segregated BMW collected in the color-coded bags, as recommended by Biomedical Waste Management (BMW) Rules, 2018
- Exclusively trained manpower to collect BMW waste from all source points in color-coded bags

E-waste Management

- Functional parts of old electronic gadgets like resistors, capacitors, inductors, diodes, transistors, thermistors, etc. Are removed for reuse in practical/projects
- Very old, defunct computers and other accessories, after scrutiny by a committee, are condemned and transferred to the UWD store as e-waste

Waste Water Management

- The University operates two Wastewater Treatment Plants, for treating wastewater from the RMMC&H

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.5 - Green campus initiatives include

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

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	[View File]()

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

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

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	[View File]()

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software,mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	[View File]()

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance

and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

Curricular and Co-curricular and Extra-curricular activities are given relevant degree of importance to facilitate students of diverse backgrounds come together, share, care and mingle. NSS Special Camping programmes used as an occasion to promote cultural harmony among the students and local community Educational tours utilized as opportunities to bring students together in informal atmospheres. Sense of harmony instilled in young minds through Jugalbandi/fusion programmes conducted by the Faculty of Fine Arts. Pongal festival celebrated in the name of "Samathuva Pongal" in the first week of January

.

- **70+ Courses on Value education, across disciplines, help the learners imbibe the sense of togetherness**
- **RAWE (Rural Agricultural Work Experience) programme for the first year students of the Faculty of Agriculture provides them with an opportunity to mingle with and learn from the rural folk**
- **A full-fledged yoga centre at the heart of the University to strengthen the young minds with yoga and meditation**
- **Employees permitted on OD to attend Yoga and meditation programmes**
- **Provision of uniform accommodation and common mess in the University hostels**
- **Equal Opportunity Cell to ensure distribution of scholarships to students**
- **Places of worship for all religions available within the campus**

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

The University has always stood with the nation in times of crisis. Whenever there was a calamity, the University volunteered itself to donate financial and human resources to mitigate the sufferings of the victims. The staff of the university offered their one-day salary towards Relief Funds when different parts of the country were

hit by cyclones or floods.

The university encouraged its teaching and nonteaching staff to participate in the nation's democratic exercise, the General Elections. A potential number of staff and student volunteers offer their services to the Election Commission of India towards the conduct of general elections. The Department of Political Science organizes a "model parliament" event with the participation of students.

The Independence Day and the Republic Day are celebrated by the University. Students are given platforms to stage cultural programmes. The observations of these days are occasions for the University to make the staff and the students realize their constitutional obligations.

The University conducts a lot of awareness and welfare programmes in the villages around Chidambaram and serve the rural community. Another important agenda tree plantation campaign. There is a list of certified donors who can be mobilized for blood donation as and when situation warrants.

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

Any 3 of the above

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

The University celebrates the Republic Day, the Independence Day and the Martyrs' Day with great enthusiasm and spirit. The Teachers Day is celebrated with much fervour and awe. Faculties with distinctive academic/research track are felicitated with awards on the day.The National Humanities Day (by the Faculties of Arts, Indian Languages,

and Fine Arts) and the National Science Day (by the Faculty of Science) are religiously celebrated every year.

The Department of Business Administration celebrates the HR Professional Day and the Department of Civil and Structural Engineering celebrates the Engineer's Day.

By way of promoting an equitable and inclusive society, special programmes are organized on days like International Women's Day, World Aids Day, World Disability Day, etc. The NSS and YRC units of the University arrange for special events and competitions on these days.

Pledge taking to eradicate Child labour and taking oath against violence and terrorism are regular part of the University's schedule. Celebrations are there in the University to mark Mahaparinirvan Diwas, the birth anniversary of Dr. Ambedkar and Sadhbhavana Divas, the birth anniversary of Rajiv Ghandhi. In 2020, the 126th Anniversary of Swami Vivekananda's Chicago Speech and 150th Birth Anniversary of Mahatma Ghandhi were celebrated.

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

Metamorphosing with courage and faith since 1929, Annamalai University has been meeting the changing needs of humanity by imparting inclusive, ethical, and quality education. The programmes and curricula implemented from time-to-time help elevate the nation by providing multistreams of rightly educatedand tech-savvy human resources leading to developments at local/regional/national/global levels.

The Learning Outcome Based Education (LOBE) curricula of the University, imparting domain-cum-extra-domain awareness and aptitude-attitude combogroom the young minds to ably keep pace with the SWOCs of the world. Its rural milieu in one of the less-educated districts of Tamil Nadu, is no bar to offer multi-faculty programs that consciously and consistently concentrate on local issues- coastal agriculture, rural entrepreneurship, ocean management, disaster management, etc., besides trendsetting in Engineering & Technology, ICT, Sports, andYoga.

The curricula encourage thinking globally and acting locally by percolating world's best knowledge to national and regional benefits. With the dynamic component called Current Streams of Thoughts/Trends embedded in every course, provisions are there to auto-embrace the prospective developments:

- Industry-5.0
- Alternative Energy
- Environment Sustenance
- Machine-Human-Interface
- Taking on Pandemics

With this sort of dynamic resources, achieving India Vision 2030 -- transforming India into a Prosperous, Healthy, Secure, Corruption-free, Energy-abundant, eco-friendly nation is certain.

File Description	Documents
Upload relevant supporting document	View File

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

10

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

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

5650

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

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

19

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

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

0

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

1.3 - Curriculum Enrichment

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

Apart from knowledge and skill, mind-set development – the quintessence of responsible behavior, innovative practices, and the basis for exuberant execution – is also emphasized by Annamalai University. Over 380 courses of the University have insightful contents stressing the significance of these veritable issues, in addition to specific courses on environmental studies, human values, ethics, etc., as mandatory inall programmes.

Crosscutting Issues

Core Courses

Elective Courses

Professional Ethics

53

23

Gender Sensitivity

38

12

Human Values

49

26

Environment Sustenance

86

96

Apart from offering ethics as a separate course, many facets of ethical issues are covered in 76 courses, particularly, professional ethics. Research courses stress the relevance and need for intellectual ethics, best practices, and etiquettes involved in respective fields along with issues related toIPR, plagiarism, etc.

Aspects of value education have been infused in 75 courses. Values from Tamil, Sanskrit and other languages are curricula merged. Tenets from Indian Freedom Movement, Gandhian Philosophy and Indian Constitution are integrated into the syllabi.

Concerns of gender-equity awareness among students are addressed through 50 courses across various disciplines. Aspects of environment education are stressed through 180+ courses, covering the impact of human intrusion on ecosystem and the need for sustainable development.

File Description	Documents
Upload relevant supporting document	View File

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

82

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

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

748

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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

5811

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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	[View File](#)

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	[View File](#)

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

6806

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

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

3607

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

2.2 - Catering to Student Diversity

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

Most of the aspirants stepping into Annamalai University are first generation students from rural background with their school education in vernacular medium. Academic Departments provide Induction/Orientation and bridge-cum-remedial inputs to upscale knowledge-skill-attitude levels of the fresher.

With a mix of assessments, the clusters of slow and advanced learners are identified. Subsequently, programme coordinators and faculty mentors start adopting student-centric measures to ensure holistic moulding.

Menu for Slow Learners:

- Bilingual Teaching Methods in the first semester
- Trial Tests and Mock Examinations to cope up the pressure of scoring marks
- Some Curricular Regulations:
  - Built-in Credit Modification System in BE programmesto withdraw a maximum of 2 courses per semester from IV to VII semesters
  - In B.Sc. (Nursing), term tests are conducted thrice and the average marks of best two performances are

considered

Menu for Advanced Learners:

- **Student Symposia to encourage innovative thoughts and Publication**
- **Registration fee waivers for students in seminars/workshops**
- **Opportunities to conduct and participate in student research conventions**
- **Abundant choices of Inter-department electives and value-added courses**
- **Some Curricular Regulations:**
  - **Academic flexibility through registration of MOOCs in SWAYAM**
  - **Provisions in the B.E programme regulations to offer "One-Credit Courses"**
  - **Honours Degree concept in all B.E. programmes**

File Description	Documents
Upload relevant supporting document	**No File Uploaded**
Link For Additional Information	**Nil**

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
20610	**1417**

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

2.3 - Teaching- Learning Process

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

The curricula of most programmes in the University have built-in courses on experiential and participative learning encompassing internship, work experience, research, project work, in-service learning in core or allied areas. Many courses also have components to stimulate learners' problem-solving abilities.

Experiential Learning Activities

- **Rural Awareness/Horticultural Work Experience, School internship, Model Farm Clinic, Bee keeping, sericulture, nursery planning, Landscaping, Organic Pesticides and Fertilizer Production, Do-it-Yourself**
- **Applied Project or Mini Project, Budget and Stock Market Analysis, Case Study, Village Survey**
- **Attachment toFactory/Agro-industry/Media Industry/NGOs**
- **Designing E-Magazines, You Tube Content Development & Hosting/ App Application, App Development, etc.**
- **Civic Engagement- Yoga, Sports, Sport Meets, Debates, Stage Play, Oratory, Job Fair Conduct, First Aid Training, Rescue Deeds, Coastal and Campus Cleaning Programmes, etc.**

Measures for Participative Learning

- **Community Mingling, Learning and Surveying, Compassion Clubs, and Empathy Guilds**
- **Excursion-cum-Education, Expo Stall, Facilitation Classes, Factory Visit, and Field Survey**

Platforms for Problem Solving Methodologies

- **Annamalai University Department Business Administration– AUDBATechnos, AUDBA Wings, Quest, Tuners**
- **PUTS (Put You in Tight Spot), Provoke Reaction, Resolving Conflict Resolution, Quest Quick, Problem Solving, Presentation, Question Tag**
- **Clinical & Surgical Practices, Clinical Psychology, Intensive Care, Medical Emergency Handling, Pandemic Preparedness, Med-camp**

Innovation- Entrepreneurship Eco-system, Artificial Intelligence, Internet of Things

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

Annamalai University has a state-of-the-art IT facility, a jewel in the crown of its overall infrastructure.

The faculty of the University have exposure to and are proficient with the conduct of online classes, seminars and LMS:

- Workplace Management Systems like Google Classroom, zoom meeting, Go to meeting, Edmodo, Microsoft Karizala to deliver contents and review assignments
- Social media network groups for real time reporting, attendance, and on-site work progress for monitoring Hands-on training
- University website hosts online tutorial classes
- Exclusive Microsoft Teams ID for all the teachers and students have been created
- Specific virtual platforms created to handle and monitor online classes in defined schedules

A plenty of subject specific, ICT software, most of which are in-house developed, such as the following are in use:

- ENVIS database to access information on estuaries, mangroves, coral reefs and lagoons and other marine resources
- 3-D Montage software for real time image capturing of minute insect structures and specimens
- Scuba Diving Digital Board for deepsea diving and navigation
- Ocean Information System on marine biodiversity
- GIS Software Tools for examining geographic patterns, trends, and relationships
- Shorindnger Software Tools for simulation of pharma and material research
- In Silico and Bioinformatics tools for computational biological exercises

File Description	Documents
Upload relevant supporting document	[View File](#)

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

2.3.3.1 - Number of mentors

1417

File Description	Documents
Upload relevant supporting document	[View File](#)

2.4 - Teacher Profile and Quality

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

1417

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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

1081

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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

20

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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

22

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.5 - Evaluation Process and Reforms

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

8

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

8

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

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

87

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

Examination Management System of Annamalai University is robust with IT integration and reforms to handle the conduct of practical, theory and viva examinations for over 19,000+ students across 340+ programs every semester.

IT Integration

- **OMR (Optical Mark Recognition) sheets to ensure 100% accuracy in data entry**
- **Electronic coding and decoding of candidates' details for faster result publication**
- **Bar coded dummy number s to ensure increased confidentiality**
- **In-house designed software to process the OMR answer scripts and mark statements**
- **Email Facility for faster and faceless grievance redressing system**
- **'Urkund' software mandatory for plagiarism check of theses,**

research articles, seminar and conference papers, books and book chapters

Reforms

- Learning Outcome Based Education to ensure adequate attainment measurement
- Bloom's Taxonomy for effective assessment of outcome attainment and graduate attributes
- Online portal for examination registration
- Mandatory Electronic payment mode for every fee-payment
- Online filling of requests for revaluation of answer scripts helping the students and university in saving time and environment by reduced use of paper
- Online uploading of Continuous Internal Assessments of performance of students
- Online downloadable publication of semester-results
- Online tracking of research-registration progress and thesis evaluation status enabling research scholars well informed

e-SANAD facilityfor contactless, faceless, cashless, and paperless document verification

File Description	Documents
Upload relevant supporting document	[View File](#)

2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

The Learning Outcome Based Education (LOBE) has been so chiselled

that the curriculum, pedagogy, learning, exposure and evaluation methodology must eventually help the realization of the Learning Outcomes by the learners.

The University takes utmost care in publicizing the LOBE components among all stakeholders:

- Each course is outlined with Course Outcomes and their mapping depicted through a matrix table
- Handbooks highlighting LOBE are available as downloadable PDF links
- Multiple copies of the handbook are kept in the departments for reference
- Relevance and significance of the learning outcomes is discussed in every IQAC Meeting
- Students are sensitized about the LOBE by the Head, Course Teachers and Mentors
- Model question papers based on Bloom's Taxonomy are available in the student portal
- Teachers are sensitized about outcome mapping and attainment protocols

The University has thoroughly thought for the integration of outcome-based education in the assessment process and executed it through developing a quantifiable, multi-dimensional set of scoring guidelines -- RUBRICS.

- Continuous Internal Assessment and End Semester examinations are Outcome Based on the model of Bloom's Taxonomy
- The University has incorporated a built-in mechanism of analysing attainments of students

The outcome Attainment of students are assessed and discussed by the department level committees

File Description	Documents
Upload relevant supporting document	[View File](#)

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

Considering the diversity of the programmes offered and the massive student strength, the University has developed a tailor-made outcome attainment assessment protocol implemented with

custom-made protocol in Excel spreadsheet. Assessment of Learning Outcome Based Education (LOBE) attainment is done using Rubrics at four levels.

Rubrics Level 1 – Curricular Level

Rubrics Levels 2, 3 & 4 – Individual Student Level

The direct assessment methodology is adopted to calculate PO attainment of a student. In the mid-semester/end-semester examinations, questions relating to specific course outcomes reflecting Bloom's Taxonomy levels are put forth to test the cognitive levels of the students. Further, a set of continuous assessment methodologies is adopted at every stage of the course and their scores are integrated in the final marks. Thus, the percentage marks obtained by an individual student (Rubrics level 2) reflects his/her course outcome attainment level.

To calculate PO attainment from a particular course, the total marks obtained by the student is considered along with the percentage of apportioned PO attainment contribution by the course concerned as per the formula given below:

PO/PSO attainment from a course = (PO/PSO attainment contribution of individual course impact (%) / Total marks obtained by the student in the course) x 100

File Description	Documents
Upload relevant supporting document	View File

2.6.3 - Number of students passed during the year

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

4098

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

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://annamalaiuniversity.ac.in/download/IQAC/quality%20initiative/SSS_2020_2021.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

Fifteen departments of Annamalai University are supported by UGC-SAP, twelve by DST-FIST and two have been enjoying the status of Centre of Advanced Study. The CAS in Marine Biology is the only Centre with Potential for Excellence in Marine Sciences.

Annamalai University has joint Research and Innovation Partnerships with 24 institutions across the globe. Research projects with international foundations and industry majors such as Bill & Melinda Gates Foundation, Bayer, CavinKare, Dow Agrosciences, HCL, L&T, Accenture and others are ongoing. During 2015-20, Rs.1043 lakhs has been invested towards updating research facilities.

Annamalai University Research Policy

The University has evolved its well defined and dynamic Research Policy (uploaded on the University website) with a candid depiction of the Preamble, Objectives and Approaches to promote Basic, Applied, Patent-centric and Frontier Research activities. It includes the following components:

Types of Research:

- **Progressive Degree-centric**
- **Policy-centric**
- **Project-centric**
- **Problem-centric**
- **Patent-centric**
- **Product-centric**

Conventions, Ethics, and Regulations:

- **Bench-mark Standards and Norms (WoS/Scopus requirements)**
- **Ethics/Guidelines as to Environment, Animal-usage and Hazardous waste disposal**
- **Regulatory Guidance for Conducting Clinical Trials and Project Administration**
- **Plagiarism Policy & Procedures**
- **Security and Sensitivity Clearance for Projects Involving Foreigners/Foreign Collaborations**

File Description	Documents
Upload relevant supporting document	[View File](#)

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

Nil

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

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

1

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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

97

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.1.5 - Institution has the following facilities	**A. Any 4 or more of the above**

to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery	

File Description	Documents
Upload relevant supporting document	View File

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

21

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

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)

309.47

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

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

125.47

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

3.2.3 - Number of research projects per teacher funded by government and non-government

agencies during the year

75

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.3 - Innovation Ecosystem

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

Annamalai Innovation and Incubation Research Foundation (AIIRF) is registered under Companies Act 2013 and funded by Entrepreneurship Development and Innovation Institute (EDII-TN). The AIIRF has signed MoUs with 10 startups and 4 incubatees are in pipeline. A Mini-Scale "Vettiver" oil extraction plant to promote rural livelihood is coming up; and an incubatee, Mrs. Sarojini, has received IIT-M's "L-RAMP Award of Excellence."

- **The innovative 'Rice + Fish + Poultry' integrated farming system, initially propagated in Tamil Nadu has become international.**
- **Several new strains of plant pathogens have been isolated and their gene sequences deposited in NCBI.**
- **First reports of Bacillus tequilensis RP01 in association with Serratia rubidaea SNAU02 was found effectively degraded LDPE waste**
- **Developed novel ornamental fish breeding technology and transferred it to Gujarat farmers and local youth**
- **Air springs for high speed trains of Indian Railways tested and new mix proportions for geo polymer road developed in the University**
- **The Centre for Material Joining & Research (CEMAJOR) provides incubator facility and welding laboratory service.**
- **The Centre for Environment, Health & Safety (CEHS), a Quality Council of India "A" Grade accredited EIA organization has successfully completed many consultancy projects.**

File Description	Documents
Upload relevant supporting document	[View File](#)

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

51

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

51

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

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

57

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

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following 1. **Inclusion of research ethics in the research methodology course work** 2. **Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)** 3. **Plagiarism check** 4. **Research Advisory Committee**	A. All of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website	B. Any 3 of the above

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

46

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

541

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

1

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

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

3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

373

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

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	**D. Any 2 of the above**

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

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

Scopus	Web of Science
2.87	**4.30**

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

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

Scopus	Web of Science
22	19

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

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

- **Norms pertaining to ethical clearance:**

1. All projects involving use of data and materials relating to human subject and animals must be approved by the Ethical committee constituted by the University.
2. The Institutional Animal Ethics Committee (IAEC) shall examine proposals involving research on laboratory animals.
3. Project staff engaged in scientific experiments on animals shall act in confirmation with the provisions of acts relevant to Prevention of Cruelty to Animals
4. In collaborative projects ethical policy of partnering institute is also considered.

- **Norms for Overhead Charges**

1. A separate account is maintained for the grants.
2. The amount deducted as overhead charges will be in line with funding agencies
3. In the case of private funded projects and private consultancy, overhead charges deducted will be 30% of the project cost.

Budget distribution in Consultancy projects

For Knowledge-based consultancy

Overhead charges : 45%

Remuneration : 55%

For R&D-based Consultancy

Overhead charges : 30%

Project Cost : 50%

Remuneration : 20%

For Technical Services

Overhead charges : 25%

Project Cost : 50%

Remuneration : 25%

The client shall pay an advance of 50% of the total cost of the project for Knowledge-based Consultancy and 100% for R&D Consultancy.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

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

342.83

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	No File Uploaded

3.6 - Extension Activities

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

- The CSD offers skill trainings and NSDC approved certificate programmes to neighborhood school dropouts and

rural youth
- The CRD has adopted 55 villages and has trained rural population in mushroom cultivation, tailoring, etc.
- In association with MHRD and IIT-D, the CRD implements 'Unnat Bharat Abhiyan' for Agriculture, Health and Environment awareness, skill development, etc., in five villages from Parangipettai Block.

- The Department of Electrical Engineering has conducted trainings for Electrical wiring that helped many unemployed youth

- The mangrove forests raised under the aegis of the Faculty of Marine Sciences have saved hundreds of human lives in Parangipettai during the Tsunami and seawater erosions.
- B.Sc. Agri/Horti students undergo Rural Work Experience in the neighbourhood villages and transfer technologies.
- The Annamalai Rice+Fish+Poultry farming system empowers nearly 2500 small and marginal farmers
- The flood-tolerant rice variety 'SIGAPPI' introduced by Annamalai University helps the Tamil Nadu delta farmers to combat floods
- The Department of Horticulture offers certified seeds of Annamalai Brinjal variety at affordable price
- The Animal Husbandry Division organizes training to dairy-farmers, veterinary health camps, and artificial insemination services.
- Farmers' Day, Field meetings, Training programmes are conducted and diagnostic services are extended.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

15

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

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)

7

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

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

1415

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

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

193

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

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

12

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The abundance/ampleness of its infrastructure in the University has been attested by the regulatory bodies.

Out of 300+ classrooms (Three lakh 72,000 Sq. ft), 118 classrooms are Smart/Wifi/LAN enabled. 48 seminar halls (64,000 Sq. ft.) with a cumulative seating capacity of 4300 persons are available. Teaching and research laboratories numbering 300+ (Four lakh 8,000 Sq. ft.) add to research ambience.

New equipment worth Rs.1043 lakhs have been added to the existing inventory worth Rs.2360 lakhs..

A 1400 bedded hospital with all surgical & bio-instrumentation facilities, Boat and Jetty, Farm lands, Orchards, Apiary, Sericulture Unit, Biopesticide Unit, Botanical gardens, and Dairy Unit enable hands-on-experiential learning. Further, Centralized Instrumentation Service Laboratory and Central Animal facilitate advanced research needs.

A RFID enabled Central Library (apart from libraries at faculty and department levels) adequately supports teaching-learning.

A sprawling sports pavilion and games complex, a self-contained press, a 33/110 KVA sub-station, lakes, 4079 rooms in 19 hostels with an accommodation capacity of 12500 students add to the massive infrastructure of the campus.

A Student: computer ratio of 7:1 is maintained with 2362

computers. The University has an exclusive 24x7 1 GBPS NMEICT (National Knowledge Network) leased line.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

The University has an invigorating atmosphere and adequate facilities to turn students into well rounded personalities.

An open-air theatre, a well-equipped indoor theatre, and a total number of 24 indoor auditoria in the University support big stage programmes. The Faculty of Fine Arts has a common practice floor with all essential features and facilities.

The yoga and meditation centre has 2 spacious practice halls, 1 meditation hall, and an auditorium.

Sports and Games Facilities

The University has a vast central sports complex spanning over an area of 6.5 acres with a user rate of 3000/day that caters to the needs of the students. It is equipped with sophisticated facilities for the conduct of Regional/Zonal/National sports/games meets.

- One 400 m Track with 8 lanes (Mud) and separate fields for shot put, hammer, discus and javelin throw, long jump, high jump and triple jump pits.
- 2 Football grounds
- 1 Hockey court
- 3 Kabaddi courts
- 1 indoor and 3 outdoor
- 3 Basketball courts
- 4 indoor wooden and 2 outdoor Ball badminton courts
- 2 Kho-Kho courts
- 2 Handball courts
- 1 Cricket playground
- 6 Tennis courts
- Multi-purpose fitness centres

File Description	Documents
Upload relevant supporting document	View File

4.1.3 - Availability of general campus facilities and overall ambience

The Central Administrative Block housing all offices with the historic Sastri Hall at the centre facilitates the effective functioning of the university.

Hostel Facilities: 20 hostels (13 men, 6 women and an international hostel) with 4079 rooms accommodate over 12500 students.

Health Care - The University Hospital, working 24/7, takes care of the health of students and staff. An OP clinic in the heart of the University offers generic medical service.

A Guest House with 105 rooms well-furnished kitchen and three dining halls, caters to guests.

Security and Surveillance System with Advanced, IP-based 306 CCTV cameras at vantage locations, round-the-clock security personnel surveillance, and two police outposts, ensures safety and security in the campus.

A Staff Recreation Club, 5 Canteens and 4 Co-operative stores offer services.

Uninterrupted Power- Two 33/110 KVA substations ensure uninterrupted power supply.

Four bank branches, 7 ATMs, and two Post Offices

Differently-abled friendly ramps and rest-rooms in all the academic/administrative blocks available

Staff Quarters- comprising 535 residences and six blocks of bachelor quarters are available.

Surface Connectivity with other parts of Nation/State by rail and road exists. Chidambaram Railway station is at a walking distance from the campus and a bus terminus is inside the campus.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

1898.66

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

4.2 - Library as a Learning Resource

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

The central library has been automated through an ILMS- the NIRMALS It works on Client/Server windows-based RDBMS software.

The following are sthe salient features:

1. The NIRMALS supports Multi-Users Environment and Multi-Location Web Interface
2. It follows and allows to standards such as MARC 21, ISBD/ISDS, AACR2, ISBN, Language Codes ISO 639:1988, Country Codes ISO 3166, ISO 2709 format for data input.
3. It represents 140 universally recognized languages through Unicode UTF- 8 without giving room for language barriers.
4. It supports all standard search features including user interactive module for Boolean Search
5. Selective Dissemination of Information (SDI) Service, In-built Barcode software and printing various kinds of reports, which covers all the reporting parts of a library administration and management, are available.
6. Library has entirely digitized the library management by adopting RFID (Radio Frequency Identification) technology. Cataloguing, issue and return of books are made easier through this modern, need-of-the-hour technology.
7. The e resources available in the library can remotely be accessed through MyLOFT (My Library on Finger Tips) application.
8. With the support of Directorate of Public Libraries, Tamil

Nadu, the Central Library has initiated the digitization of 5524 rare works available in the library (that were published before 1930) in Tamil and English.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

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

10.66

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

49169

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

246

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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

The objectives of the Annamalai University IT Policy include Addition, Access, Upkeep, Usage, Defense, and Disposal of IT assets, etc.

The policy governs the following:

- **Hardware Purchase**
- **Software Purchase**
- **Hardware Installation and Servicing**
- **Software Installation and Licensing**
- **Use of Software**
- **Network (Intranet and Internet) Usage**
- **Wi-fi Access**
- **Information Security**
- **Website Maintenance**
- **e-governance**

The University has an exclusive 1 GBPS NMEICT (National Knowledge Network) leased line for providing 24x7internet access.

IT Security (2015): Unified security management system Cyberoam provides anti-malware, anti-spam protection, and web filtering for ethical management of IT resources.

Server Enhancement (2016): To cater to the growing needs of the students, researchers, and the faculty, University web Servers have been updated with two socket blade servers.

Connectivity (2017): A mega project of providing high speed Wi-fi facility through optical fiber cable to the university hostels.

Hack and Virus Protection: A unified security management system providing firewall protection was updated from Cyberoam to Sophos.

Expansion Plan

- **Complete automation of governance by Strengthening the net connectivity in anticipation of future needs**
- **Enhanced IT resources like updated e-resources, improved LMS, etc.**
- **Raising the Student-Computer ratio to 100%.**

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
20610	**2610**

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)	• **?1 GBPS**

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing	**A. All of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)
Upload the data template	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

1389.90

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

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Maintenance of vehicles is taken care of at the University Garage-cum-Workshop

The Department of Manufacturing Engineering takes care of refurbishment of furniture

The rare collections, rare books, back volumes of journals, palm leave documents, gold-silver-copper coins, etc., are preserved and maintained scientifically.

Students and Scholars are allowed to use instruments after getting prior permission from the HoD and after making necessary entries in the log book.

For utilizing sophisticated equipment in Centralized Instrumentation Services Laboratory, downloadable request forms are available.

The research and demonstration facilities in faculty of agriculture are utilized by the students on prior approval.

Annamalai Informatics Centre does the hardware maintenance

Museums in the university are periodically maintained.

Facilities in Sports complex are accessible to students, staff on free of cost and for public on payment basis.

The Auditoria, Seminar Halls, guest house, could be used for academic and co-curricular programmes on prior booking.

The hostels are managed by wardens, deputy wardens, house wardens, and supporting staff under the stewardship of the Hostel Convener.

An effective biomedical waste disposal procedure is standardized and implemented.

Incinerators are used to dispose biomedical waste. The Sewage Treatment Plant is functioning and provides water to grow fodder grass.

File Description	Documents
Upload relevant supporting document	View File

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

3285

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

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

2607

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

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	View File
Upload relevant supporting document	**No File Uploaded**

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	No File Uploaded

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

25

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

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

436

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

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

148

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

5.3 - Student Participation and Activities

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

0

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

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

Annamalai University has always been a training ground for leaders and statesmen. Many great leaders and administrators who have guided/are guiding the destiny of the independent India have been trained on the fertile grounds of Annamalai. The University has a continuing tradition of nurturing leadership qualities clubbed with democratic spirit in the young learners.

Each class in every department has a class representative and one deputy class representative. Each department of the University has student committees for organizing literary, cultural and sports events. Some examples are:

- Management Student Association,
- English Literary Association (ELA)
- Computer Science and Engineering Association (CSEA)
- The Institution of Engineers India (IEI)
- Marine Academic Research Consortium (MARC)
- Zoological Society
- Physics Society
- Agricultural Association

Such committees are functioning with students as the core members

and office bearers in the capacity of General Secretary, Joint Secretary, Sports Secretary, Treasurer, etc. The student members of these bodies are elected through elections. The students are also encouraged to participate in professional academic student associations at the national level. Apart from these extra-constitutional bodies, the constitutional and academic bodies like Board of studies and IQAC offer space for students to represent their views.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

0

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

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

In its ninety years of glorious existence, Annamalai University has produced lakhs of graduates who shine in all walks of life. "The Annamalai University Alumni Association", registered under the Tamil Nadu Societies Registration Act (Reg. No. 1/2015), was instituted in 2015. In the last four years, a sum of Rs.4,72, 29, 247/- has been contributed by the alumni and a number of activities have been carried out.

Sample Contributions by the Alumni:

- The CompScE'94 Hall worth of Rs.8 Lakh
- Internet of Things (IoT) Lab' to the tune of 4 lakh rupees
- 10 Computer Systems
- An ONIDA Air Conditioner Unit (1.5Tones) worth Rs. 30,000 /-
- Laboratory equipments worth Rs. 7.85 Lakh and 92 books
- Water cooler cum purifiers at Faculty of Agriculture Rs. 3,00,000

- **LED floodlights, CCTV cameras and connectivity @ Rs. 3,00,000/-**
- **Alumni Block at Faculty of Agriculture Rs. 65,00,000/-**
- **Dr. K.Ganapathy Hall, Dept of Physics Rs.25,00,000/-**
- **Electrical & Electronics Engineering Hall renovated at the cost of Rs.10,00,000/-**
- **Prof. V. Balaiah Hall @ Rs.5,00,000/-**
- **Bore-well and water purifier @ Rs.4,00,000/- in the Dept of Commerce**
- **Sports gallery at Faculty of Agriculture @ Rs. 5,00,000/-**

File Description	Documents
Upload relevant supporting document	[View File](#)

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

A. ? 5Lakhs

File Description	Documents
Upload relevant supporting document	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Annamalai University has transformed its entire locale into a vibrant hub of knowledge-generation and skill-orientation, along with instilling "courage" and "faith" in the stakeholders.

Vision: Providing educational opportunities to aspiring students that help them imbibe the essential concepts along with emergent developments in the chosen fields of study, instilling in them the mindset and motivation for cultural and social uplift, and contributing to the national paradigm of collective responsibility in the path towards growth and prosperity

Mission Statements

- **To reach the unreached learners with high quality mentoring and affordable higher education so as to transform them into successful professionals**
- **To mould the thought-pattern and effect multi-skilling of**

the learners in tune with the contemporary developments
- To stick to the governance culture in such a way that the leadership and stakeholders of the institution accelerate performance and espouse to probity

The academic bodies of the University are empowered to make learning participative, all-inclusive, innovative, collaborative, and multi-skilled.

The Long-term visionary document "Vision 2030," is drafted with 57 focused Key Drivers and well-defined Key Performance Indicators (KPIs) for each.

Mid-term/Near-term goals with time-frame, funding, efforts, and target are in place to ensure outcome based accomplishment of "Vision 2030."

File Description	Documents
Upload relevant supporting document	[View File](#)

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

1. Institutional Practices reflecting Effective Leadership:

- Programmed action plans for keeping up with targets and milestones
- Delegation of authority for building second-line leadership legacy
- Decentralized decision making
- Participative Management with transparency and accountability
- Curricular Plan, Academic Calendar, Administrative Calendar, Maintenance and Up-keep schedules, etc.

1. Decentralized Decision Making measures include:

1. Directorate of Academic Research (DARE) executes activities related to research programs.
2. Directorate of Research and Development (DRD) addresses research and consultancy projects, testing, etc.,
3. Follwing Cells, Centres, and Committees constituted to enact and speed up the process of completing goal-oriented works:

- Internal Quality Assurance Cell
- Centre for International Relations
- Centre for Intellectual Property Rights
- Centre for Skill Development
- Directorate of Training, Placement & Entrepreneurship
- Equal opportunity Cell & SC/ST Cell
- Committee for Curbing the Menace of Ragging
- Compliance Committee against Sexual Harassment of Women at Work

1. The following statutory bodies ensures and improves participative management:

The Syndicate; Finance Committee; Academic Council; Deans' Committee; Boards of Studies; IQAC; Building Committee; Tender/Bid Opening Committee; Purchase Committees; CAS Scrutinizing Committee; NAAC-SSR; Documentation Committees for ranking frameworks; Committees for UGC, FIST, PURSE, and RUSA monitoring; etc.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The vision-centric document, Vision 2030, explicates the institutional strategic plans of the University. The prime Key Driver in 'Vision 2030' is the 'Teaching, Learning & Evaluation (TLE)' process, with 26 Key Performance Indicators (KPIs).

The following are a few highlights of outcome achievements:

KPI in Vision 2030

Target Set for 2020

Achievement

KPI-3: Constant updating of the syllabi by BoS constituted with members from Academia, Industry, Alumni and Students along with faculty members

75%

100%

KPI-4: Revisit and recalibration of the PSOs and COs frequently

50%

100%

KPI-5: Modifications in curriculum to imbibe graduate attributes

20%

95%

KPI-6: Periodical introduction of Value Added Courses

35

79

KPI-7:Introduction of Interdepartmental Electives to enable students to pick them cutting across disciplines to acquire holistic knowledge

30%

85%

KPI-13: Revamping the curricula to meet global demands

30%

60%

KPI-14: Exploring tie-ups with global institutions of repute for students exchange programs

Two Tie-ups

100%

KPI-15: Developing ICT enabled

smart/virtual class rooms.

10 classrooms

30

KPI-23: Compliance with OBE in terms of Question Paper Setting and Valuation- OBE

40%

85%

KPI-24: Exams to evaluate the cognition levels of Bloom's Taxonomy

40%

85%

In line with the Vision 2030, the University is marching towards excellence.

File Description	Documents
Upload relevant supporting document	View File

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

The University was established as per Annamalai University Act 1928 (TN Act 1 of 1929). The Annamalai University Act 2013 provides for a revamped administrative structure, statutory authorities and administrative positions.

Statutory Officers

The Chancellor, the Governor of Tamil Nadu,

The State Minister for Higher Education, the Pro-Chancellor of the University

The Vice-Chancellor, the managerial head, with the missionary support of the Registrar, Deans, the Finance Officer, the Controller of Examinations, faculty members and administrative

staff is the highest authority on campus.

Statutory Bodies

The Syndicate meets at least every two months to ensure the efficient functioning of the university, with a range of powers, such as: making/amending statutes, offering programs of studies/ R&D activities etc.

The Academic Council meets twice a year to address issues related to student admission, courses of study, establishing new departments, collaborations, examination process and so on.

Biannual meetings of the Finance Committee review financial transactions, resource generation and allocation, accounting and auditing.

The Deans' Committee meets quite often to help the Vice Chancellor in adding vigour and vision to expediently solve issues.

Faculties and Boards of Studies do the ground work for pragmatic execution of decisions of the higher bodies in all academic matters.

File Description	Documents
Upload relevant supporting document	View File

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation 1. Administration 2. Finance and Accounts 3. Student Admission and Support 4. Examination	A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Teaching Staff Performance Appraisal System

360 Degree Academic Audit-- Performance Appraisal of Faculty Members based on NAAC seven criteria

1000 points Academic Audit of Departments- --Annual Performance Appraisal of individual Departments

Career Advancement Schemes --Performance Appraisal as per the UGC and the State Government Guidelines

New Department Creation- based on necessities

Faculty members are given additional administrative positions

The Non-teaching staff are given due promotions

Welfare Measures:

- A separate Health Centre for its Staff and their wards
- Free treatment to all University employees and their wards at RMMCH
- Provision of Tamil Nadu Government Health Insurance Scheme
- A number of 535 family residential quarters and 62 bachelors' quarters
- Guest House rooms and three community halls on nominal charges
- Reading Room and Staff Recreation Club for the staff to leisure out
- Yoga Centre and Meditation Halls in the premises
- Health Park with walking pavilion in a sylvan atmosphere
- University-run co-operative stores functioning at strategic points in the campus
- A co-operative thrift society functioning for the welfare of the staff

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

0

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

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

3

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

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)

344

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

6.4 - Financial Management and Resource Mobilization

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

- **An exclusive Directorate of Research and Development [DRD] is functioning to tap the funding opportunities. (Rs. 8935 lakhs obtained during 2015-20)**
- **Set norms are in place for percentage-share of overhead charges: (Around Rs. 800 Lakhs garnered as overhead charges from government projects; around Rs.300 lakhs generated from non-government projects)**
- **For consultancy projects, overhead charge ranging from 25% to 45%**
- **Alumni-Alma mater bond generated Rs. 350 lakhs and created an infrastructure worth Rs.120 lakhs.**
- **The university has wholly/partially converted certain**

- programmes as self-sustaining.
- A sum of Rs. 35 Lakhs has been generated from philanthropic individuals

Strategies for Optimal Utilization of Resources

- Creation of awareness for energy consumption and strict implementation of austerity measures.
- To bring down the capital and maintenance expenditure on vehicles, they were withdrawn and vehicle allowance is provided to the officials.
- The indent for stationery and consumables are pooled up for purchase through Central Purchase Pool.
- Annual Maintenance Charges for old equipment and goods are restricted
- All purchases in the University have been mandatorily routed through GeM portal

File Description	Documents
Upload relevant supporting document	No File Uploaded

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)

0

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

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

0

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

6.4.4 - Institution conducts internal and external financial audits regularly

Internal Audit

- Preliminary Audit by the Audit Authorities of the University
- Local Fund Audit by Finance Section officials appointed by the State Government involves scrutiny, approval of bills, and sanction for payment.
- Pre-audit is done especially when new pay scales adopted for computing the arrears, pension settlements, etc.
- Public Financial Management System (PFMS): PFMS is effectively functioning to manage and oversee the financial practices pertaining to funds received from the government.
- The major policy/administrative decisions which involve monetary transactions are scrutinized by the Finance Committee

External Audit

- Primary Statutory Auditing Body of the Government [Local Fund Audit, Government of Tamil Nadu] does external audit
- The Accountant General (AG), Government of India, does the Affirmative audit,
- For private funded projects and certain institutional funds, the primary external auditing is done by empanelled Auditors
- The University has a appointed professional auditor who makes regular checks and balances and submits the returns to the IT Department.

Audit Objections

Annual joint sitting with statutory auditing bodies are arranged to set right the objections. Special sitting with appropriate level of AG auditors supported by a special wing is undertaken to settle issues related to audit objections.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

The following initiatives of the IQAC have been institutionalized:

1. Contemporary path-breaking concepts brought in to embrace innovative temper through two series of programmes viz.,

(a) Annamalai University Manifests the Noble Erudite Thoughts [AUM to NET] and

(b) Annamalai University Manifests the Prized Erudite Thoughts [AUM to PET].

1. To enhance conscious introspection and continuous quality-upgrading in academics and administration and also to improve public perception of the university, the IQAC endevours to participate in every possible ranking frame works and SRA recognition:

National Institutional Ranking Framework [NIRF]

Atal Ranking of Institutions on Innovation Achievements [ARIIA]

The Times Higher Education World University Ranking

QS World University Ranking

ICAR, NBA, MCI, DCI, NCI, PCI, NCTE, and AICTE

1. Annual stakeholders' feedback and student satisfactory survey was done and the recommendations were placed to the authorities to initiate quality measures.
2. Periodical updates on research metrics of the University, Incentives for research achievements of teachers, mandatory Scopus and Web of Science indexed publications for scholars
3. Under Institution Industry Interaction Interface (IQUART' 21) platform Workshops and Seminars were organized

Conducted 360 degree academic audit for teachers and 1000 point academic audit for departments

File Description	Documents
Upload relevant supporting document	No File Uploaded

6.5.2 - Institution has adopted the following | A. Any 5 or all of the above

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)

File Description	Documents
Upload the data template	**No File Uploaded**
Upload relevant supporting documment	**No File Uploaded**

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)

The post-accreditation quality initiatives accomplishing the recommendations of the 3rd cycle NAAC Peer Team Report includes;

1. **Curriculum revamp with the ideals of Learning Outcome Based Education (LOBE) embedded with current and cross-disciplinary courses**
2. **Enhanced course structure with concrete Program Objectives (POs), Program Specific Objectives (PSOs), Course Objectives, Course Outcomes (COs) and a matrix of PO — CO mapping and development of Attainment protocol**
3. **Adoption of Bloom's Taxonomy in Question paper setting**
4. **Introduction of 79 VACs to scale up learners' competency to confront the challenges and exploit the opportunities in Education-4.0 and Industry 4.0 scenario**
5. **Introduction of MOOCs in the Curricular Framework**
6. **Provision of more ICT facilities and extending adoption of e governance**
7. **Automation of library management with Remote-Access Facility to e-resources of the University libraries**
8. **Establishment of an state of the art educational Multi-Media Centre**
9. **Centre for Sophisticated Instruments and Inter-disciplinary Research [CSIIR] at an outlay of Rs.800lakhs in the offing Established Annamalai Innovation and Incubation Research Foundation supported by Entrepreneurship Development and**

Innovation Institute (AIIRF-EDII), Government of Tamil Nadu
10. Rationalized Deployment of teaching and non-teaching staff in a methodical manner is continued.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

- As many as 50 courses on gender issues are offered
- Yoga for Women is given special focus

- Over 30 Seminars and Workshops on gender sensitization have been organized
- Opportunities for women as administrators, such as Deans, HoDs, Directors, Deputy Directors
- One-third representation reserved for female cadets in the NCC unit in Faculty of Agriculture

- Exclusive facilities for women to practice for sports and games exist.
- An elite state of the art Gymnasium for Women is available
- Women's Club is functioning to address women's recreational needs and their thirst for social service
- Waiting Halls/Common Rooms for women in every Faculty

- The Internal Compliance Committee against Sexual Harassment at Workplace has been constituted
- The University Policy of prohibiting sexual harassment displayed on the Website
- Women's hostels secured by high boundary walls and surmounted by barbed wires
- 24/7 surveillance with CCTV cameras installed at important points
- House wardens work round the clock to ensure the safety of the inmates
- Restricted entry into the women's hostels is mandated
- Patrolling by security guards in the University campus and wearing of ID cards made compulsory

File Description	Documents
Upload relevant supporting document	[View File](#)
Annual gender sensitization action plan(s)	**Nil**
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	[a. Safety and security, b. Counseling, c. Common rooms, d. Daycare Centre, e. Children's Park](#)

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	**No File Uploaded**

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

The University follows the environmental policy, "Refuse, Reduce, Reuse & Recycle" and it is reflected in its waste management practices.

Solid Waste Management

- **Use of non-recyclable plastics has been completely banned**
- **Refusing as well as reducing the use of paper has been implemented by switching to paperless, ectronic modes of communication**
- **Examination answer scripts, kept for a statutory period after evaluation, are sold for recycling**
- **Campus cleaning and sorting of degradable and non-degradable waste material is done**

Biomedical Solid Waste (BMW) Management

- The University Hospital (RMMC&H) disposes the BMW through an approved Common Facility
- Almost 500-1000 Kg of segregated BMW collected in the color-coded bags, as recommended by Biomedical Waste Management (BMW) Rules, 2018
- Exclusively trained manpower to collect BMW waste from all source points in color-coded bags

E-waste Management

- Functional parts of old electronic gadgets like resistors, capacitors, inductors, diodes, transistors, thermistors, etc. Are removed for reuse in practical/projects
- Very old, defunct computers and other accessories, after scrutiny by a committee, are condemned and transferred to the UWD store as e-waste

Waste Water Management

- The University operates two Wastewater Treatment Plants, for treating wastewater from the RMMC&H

File Description	Documents
Upload relevant supporting document	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.5 - Green campus initiatives include

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

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	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**A. Any 4 or all of the above**

File Description	Documents
Upload relevant supporting document	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software,mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	**A. Any 4 or all of the above**

File Description	Documents
Upload relevant supporting document	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other

diversities (within a maximum of 200 words)

Curricular and Co-curricular and Extra-curricular activities are given relevant degree of importance to facilitate students of diverse backgrounds come together, share, care and mingle. NSS Special Camping programmes used as an occasion to promote cultural harmony among the students and local community Educational tours utilized as opportunities to bring students together in informal atmospheres. Sense of harmony instilled in young minds through Jugalbandi/fusion programmes conducted by the Faculty of Fine Arts. Pongal festival celebrated in the name of "Samathuva Pongal" in the first week of January

.

- **70+ Courses on Value education, across disciplines, help the learners imbibe the sense of togetherness**
- **RAWE (Rural Agricultural Work Experience) programme for the first year students of the Faculty of Agriculture provides them with an opportunity to mingle with and learn from the rural folk**
- **A full-fledged yoga centre at the heart of the University to strengthen the young minds with yoga and meditation**
- **Employees permitted on OD to attend Yoga and meditation programmes**
- **Provision of uniform accommodation and common mess in the University hostels**

- **Equal Opportunity Cell to ensure distribution of scholarships to students**
- **Places of worship for all religions available within the campus**

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

The University has always stood with the nation in times of crisis. Whenever there was a calamity, the University volunteered itself to donate financial and human resources to mitigate the sufferings of the victims. The staff of the university offered their one-day salary towards Relief Funds when different parts of the country were hit by cyclones or floods.

The university encouraged its teaching and nonteaching staff to participate in the nation's democratic exercise, the General Elections. A potential number of staff and student volunteers offer their services to the Election Commission of India towards the conduct of general elections. The Department of Political Science organizes a "model parliament" event with the participation of students.

The Independence Day and the Republic Day are celebrated by the University. Students are given platforms to stage cultural programmes. The observations of these days are occasions for the University to make the staff and the students realize their constitutional obligations.

The University conducts a lot of awareness and welfare programmes in the villages around Chidambaram and serve the rural community. Another important agenda tree plantation campaign. There is a list of certified donors who can be mobilized for blood donation as and when situation warrants.

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	Any 3 of the above

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

The University celebrates the Republic Day, the Independence Day and the Martyrs' Day with great enthusiasm and spirit. The Teachers Day is celebrated with much fervour and awe. Faculties with distinctive academic/research track are felicitated with awards on the day.The National Humanities Day (by the Faculties of Arts, Indian Languages, and Fine Arts) and the National Science Day (by the Faculty of Science) are religiously

celebrated every year.

The Department of Business Administration celebrates the HR Professional Day and the Department of Civil and Structural Engineering celebrates the Engineer's Day.

By way of promoting an equitable and inclusive society, special programmes are organized on days like International Women's Day, World Aids Day, World Disability Day, etc. The NSS and YRC units of the University arrange for special events and competitions on these days.

Pledge taking to eradicate Child labour and taking oath against violence and terrorism are regular part of the University's schedule. Celebrations are there in the University to mark Mahaparinirvan Diwas, the birth anniversary of Dr. Ambedkar and Sadhbhavana Divas, the birth anniversary of Rajiv Ghandhi. In 2020, the 126th Anniversary of Swami Vivekananda's Chicago Speech and 150th Birth Anniversary of Mahatma Ghandhi were celebrated.

File Description	Documents
Upload relevant supporting document	No File Uploaded

7.2 - Best Practices

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

AURA (Annamalai University Rejuvenates All)

Refreshing and reinforcing the phenomenal physical health, mental wealth, radiating and resonating the inner, astounding 'Aura'. The Centre for Yoga Studies is offering several yoga formats, namely, Hatha Yoga, Raja Yoga, Yogiraj Shri Vethathri Maharishi Meditation, St. Poet Ramalinga Swami Meditation, Sri Aurobindo, Mother Meditation, etc.Yoga programs are offered in collaboration with national and regional institutes like 'Prajapita Brahma Kumaris Ishwarya Vishwa Vidthyalaya', 'Samarasa Suddha Sanmarkka Sangam, Vallalar's Dhyana Yoga', 'Vallalar Education Training and Research Institute', Thiruvavadurai Adheenam Saiva Siddanta Direct Training Centre', and 'Raj Yoga Education & Research Foundation'.

Neighbourhood Empowerment through Science & Technology (NEST)

To enrich the lives of the local community through a "NEST" of measures with sustenance and self-reliance. The lives of the farmers changed through the introduction of "Annamalai Brinjal"– "SIGAPPI" (CR1009-SUB1) -- a submergence-tolerant rice variety for devastating floods in the region. marine ornamental fish hatcheries have been established; A Fish Drying Bed of 2000 sq.ft. area and a storage facility to the neighbourhood fishing community.Integrated Rice+Fish+Poultry Farming has been innovated and introduced by the University to boost the lives of marginalized farmers. Fishermen are updated with information on promising hefty 'fish-colonies' in the deep sea.

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)

University with Diversity

If India is rightly termed as a "subcontinent" characterized by "unity in diversity", Annamalai University can best be described as a "mini Bharath" with learners from diverse backgrounds taking a plethora of pursuits.

Learner Diversity: A large section of rural students in the roll socialize with their urban counterparts, thus making both realize realities of life.

Programme Diversity: One of the remarkable features of the university is its educational diversity – a diversity caused by both the range of programmes offered and the educational lineage from which the learners hail.

Multi-Diversities Merge: Students of various geographical divide from within and outside the country mingle among themselves imbibing cultural, linguistic, ethnical and geographical diversity in their advantage

International Student Community: The international student community in the university is drawn from Malaysia, Singapore, Sri Lanka, Congo, Sudan, Rwanda, Nigeria, etc.

Leaders and Legislators: It is a matter of fact as well as pride that since the 1960s, the Tamil Nadu State Cabinet has been sporting representation from the Alumni of Annamalai University.

Legends and Landmark-makers: The range of personalities including

and a host of Vice-Chancellors that the university has dedicated to the society speaks for its distinctiveness and identity.

7.3.2 - Plan of action for the next academic year

1. Appropriately addressing queries raised during DVV process in time
2. Improving campus ambiance and White washing the buildings
3. Establishment of IQAC training hall
4. Strengthening Industry institute Interaction
5. Enhancing facilities required for EMMRC
6. Improving student waiting hall facility in Golden jubilee building
7. NBA Accreditation in Faculty of Engineering And Technology
8. Preparatory works in Faculty of Marine Biology for ICAR PRT visit for Accreditation to B.F. Sc. Programme.
9. Preparatory works for Cycle-4 NAAC PRT visit.