YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	**ANDHRA UNIVERSITY**
• Name of the Head of the institution	**Prof. PVGD Prasad Reddy**
• Designation	**Vice Chancellor**
• Does the institution function from its own campus?	**Yes**
• Phone no./Alternate phone no.	**08912844222**
• Mobile no	**9393112979**
• Registered e-mail	**vicechancellor@andhrauniversity.edu.in**
• Alternate e-mail address	**auregistrar@andhrauniversity.edu.in**

• City/Town	**Visakhapatnam**
• State/UT	**Andhra Pradesh**
• Pin Code	**530003**

2.Institutional status

• University	**State**
• Type of Institution	**Co-education**
• Location	**Urban**
• Name of the IQAC Co-ordinator/Director	**Prof. D. Lalitha Bhaskari**
• Phone no./Alternate phone no	**08912844818**
• Mobile	**9885438922**
• IQAC e-mail address	**auiqac2005@gmail.com**
• Alternate Email address	**iqac@andhrauniversity.edu.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	**https://www.andhrauniversity.edu.in/administration-wing/iqac.html**
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	**https://www.andhrauniversity.edu.in/student-corner/academic-calendar.html**

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	A	2002	21/10/2002	20/10/2008
Cycle 2	A	3.65	2008	18/09/2008	17/09/2014
Cycle 3	A	3.60	2016	18/02/2016	17/02/2023

6.Date of Establishment of IQAC   11/07/2005

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
K.Samatha Dept. of Physics Prof.	SAP-CAS-I	UGC	2016-21	13,500,000
Prof. V.Krishna Mohan Dept. of Commerce & Management Studies	SAP-CAS-II	UGC	2016-21	6,750,000
Prof. K.Venkata Subbaiah Dept. of Mechanical Engineering	SAP-CAS-I	UGC	2016-21	12,960,000
Prof. G.M.J. Raju Dept. of Chemical Engineering	SAP-CAS-I	UGC	2016-21	23,970,000
Prof. K.Basavaiah Dept. of Inorganic & Analytical Chemistry	SAP-DRS-I	UGC	2016-21	13,600,000
Prof. Y. Srinivasa Rao Dept. of Instrument Technology	SAP-DRS-I	UGC	2016-21	5,400,000
College of Engineering, Autonomous, Au	TEQIP III	NPIU	5 years	70000000
Prof. C.V. Naidu, Dept. of Meteorology & Oceanography	DST-FIST	DST	2019-2024	10000000
Prof. C.N.V. Satyannarayana Reddy Dept. of	DST-	DST	2019-2024	11000000

Civil Engineering AU College of Engg	FIST			
Prof.P.Kamala kumari Dept. of Instrument technology AU College of Engg	DST-FIST	DST	2019-2024	8000000
Prof.P.Janaki Ram Dept.of Zoology	DST-FIST	DST	2019-2024	3200000
Dr.P. Vijaya Lakshmi Dept. of Applied mathematics	DST-FIST	DST	2019-2024	2700000
Dr.G.Nanaji Rao Dept.of Mathematics	DST-FIST	DST	2019-2024	2600000
Dr. B.B.V. Sailaja Dept.of Inorganic & Analytical Chemistry	DST-FIST	DST	2016-2021	8600000

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	9
• The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)	Yes
• (Please upload, minutes of meetings and action taken report)	**View File**
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
• If yes, mention the amount	00
11.Significant contributions made by IQAC during the current year (maximum five bullets)	

IQAC is responsible for on conducting internal and external academic and administrative audits. Every semester ISO Internal audits are conducted and Academic Audits(AAA) annually. Apart from audits and quality, IQAC office is responsible for applying for International Rankings and a few ranks are as follows: S.No. Ranking Agency 2020-21. 1. The World University Ranking Overall - 1001+ 2. World University Ranking Asia - 351- 400 3. World University Ranking Emerging Economies - 401-500 4. World University Ranking - Engineering & Technology - 801-1000 5. Computer Sciences -801+ 6. World University Ranking - Physical Sciences - 1001+ 7. THE Impact rankings 2021 Overall - 801+ 8. THE WEEK Best Universities in India - 10 9. Sate Multidisciplinary Universities - 4 10. South Zone Top Multidisciplinary Universities - 3

2. IQAC office is instrumentational in getting AU NIRF 2021 Ranking as follows: S.No. Ranking Agency 2020 -2021 1 NIRF Ranking (University category) 24th 2 Overall Category 48th 3 AU Pharmaceutical Science 30th 4 AU Engineering College 74th

3. IQAC office is instrumentational in getting a few National private rankings as follows: S.No. Ranking Agency Position during 2020- 2021 1.1 INDIA TODAY (Indias Best Universities) Top 36 Indias Best General Government Universities 10th Top 10 General Government Universities 10th Rank

4.IQAC Office was instrumental in getting ISO 9001: 2015 Standard which is valid upto 2024. 5. IQAC Office has conducted top level management meetings to ensure about the preparations for NAAC.

6. IQAC started a new initiative by releasing quarterly news magazine named SAMACHAAR(Informative Quadrant & Assessment Communique) from January 2021. This magazine covers all academic and important activities and achievements of Staff and students every three months. Until now 4 issues have been released and they are available in our AU website at the link https://www.andhrauniversity.edu.in/img/SAMACHAR_issue_3.pdf

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
To conducted ISO Internal audits	successfully conducted semester wise ISO internal audits for all the departmetns, Offices
To conducted NAAC meetings, seminars, workshops.	11 meetings regarding preparation of NAAC were conducted

To motivate affiliated colleges towards NAAC accreditation	Successful in motivating a few affiliated colleges to register for NIRF and equip themselves for NAAC with the support of APSCHE.
To improve universities Rankings	Several steps towards the development of the university have been taken up under the leadership of Visionary Vice Chancellor. DPIIT Chair Professor has been established, AU COE- Incubation centre has been instrumental during this academic year.

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

- Name of the statutory body

Name	Date of meeting(s)
Executive Council, Top Management	16/06/2021

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
2021	21/04/2021

16.Multidisciplinary / interdisciplinary

Andhra University(AU) being the seat of higher learning and one of the leader's in quality and academic initiatives has maintained innovation and research as its core strengths in designing and developing curriculum besides ensuring employability of the students. AU offers interdisciplinary/integrated academic programmes with adoption of CBCS/Electives/Specialization and also Certificate/Add-on/Value Added Courses. The student's have an option to choose from Intra-Faculty/Inter-Faculty options of Core/Elective and or Open Elective/Interdisciplinary Electives that are offered with credit transfer in modular form. AU has established the Research & Development Cell, Centre for Industrial & Scientific Consultancy Cell & Office of International Students Affairs to promote interdisciplinary teaching-learning & research.

The University has the credit of introducing a number of inter/multidisciplinary courses such as Molecular Genetics, Bio-Technology, Bio-Chemistry, Bio-Informatics, Geo-Informatics, Naval Architecture, Data analytics and Cyber security, Industrial Engineering, Geo-Physics, Marine Geology, Food, Nutrition & Dietetics, Bio-medical Engineering, Microbiology, Marine Bio-Technology, Instrumentation Electronics, Atmospheric and Space Sciences, Quantitative Economics. Another distinctive feature is that it is the first state university to start the two year MBA programme way back in 1957.

Andhra University has been at the forefront in several thrust areas like marine sciences, space physics, genetic engineering, cancer genetics, nuclear spectroscopy, nano- technology, remote sensing, EMI/EMC antennas, energy engineering, tribal health, entrepreneurship development, micro finance, health counseling, teacher education, family and social development. Interdepartmental and interdisciplinary research projects are widely undertaken. It stands as an ample testimony for the academic zeal and enthusiasm to procure process, analyze and share the fruitful dividends of prolonged research output for the common benefit of the society at large.

Andhra Pradesh State Council for higher Education(APSCHE) has identified Andhra University as one of the top 5 Multidisciplinary Education Research University(MERU) during 2020-2021 in the state of A.P. In recent rankings by THE WEEK Hansa Research survey for 2022, Andhra University has secured 9th position in Multidisciplinary category at national level.

The University has developed research infrastructure in all departments and research centers with the support of funding agencies and industrial organizations. The majority of faculty members are engaged in Major Research Projects supported by National and International organizations.   Some researchers got patents for their research output and many others have applied for patents. Commercialization of Portable Biosensor for Type 2 Diabetics developed by Dr. Aparanji, Dept. of Bio-Chemistry, AU as part of Technology License Agreement with M/SAkshaya Infotech Visakhapatnam has been fruitful due to the early efforts of the administration towards Multidisciplinary approach.

DST has identified Andhra University as one of the 14 performing Institutions in terms of research contributions. Centre for space Sciences & Technology Education (CSTE-AP) in Asia Pacific has recognized the University for Academic Standards and sponsored four M.Tech. programmes. This is the only University in India selected for this programme. Research programmes leading to M.Phil. and Ph.D. are offered in all disciplines. The key initiatives of the university to adopt an interdisciplinary, multidisciplinary approach includes identifying eligible and talented persons from Industry and academia outside AU and recognize them Research Guides through implementation of policy of Extamural category for

Ph.D. Guidance. Recently AU TRANS DISCIPLINARY RESEARCHH HUB is established in 2020 to augument research and Multidisciplinary research in particular. AU has signed many research collaborations (National/International) that are interdisciplinary in nature. AU faculty have brought substantial funding through interdisciplinary projects.

Andhra University fraternity is making all efforts to build world class state of the art infrastructure for research and training. Several research projects were completed during the year and sizable funding is available for projects that are ongoing. Besides the research projects, many departments are identified by the University Grants Commission as centers for special assistance and centers of advanced study with substantial research funding. AU is also receiving funding under DST, FIST and PURSE programs. With DST-PURSE support, a central facility named Advanced analytical laboratory has been created that caters to the needs of researchers working in materials sciences, nanotechnology, physics, pharmacy and other allied fields. This is also augmented by NMR Research center in the Department of Physics. Many of the faculty members received national and international standards and some are serving National and international academic and research bodies arid technical committees

The University has the unique distinction of being the seat for many research Centres and at present the University has 15 Research Centers to carry out advanced research in multi-disciplinary areas with specific focus to address issues pertinent to the needs of the contemporary society such as: (1) Agro Economic Research Center (2) Dr. Durgabhai Deshmukh Centre for Women studies (3) Delta Studies Institute (4) Population Research Centre (5) Centre for Studies on Bay of Bengal (6) Centre for Gandhian Studies (7) Centre for study of Social Exclusion and Inclusive Policy(CSSEIP) (8) Centre for Environment, Sustainable development and climate change(CESCC) (9) The Japanese information and study centre (10) NMR Research Centre (11) Prof.K.Satchidananda Murthy Centre for Religion studies (12) Centre for Nano-Technology (13) Centre for Defense studies (14) Centre for Cyber security and Data Analytics (15) Dr.B.R.Ambedkar Study centre.

The integration of interdisciplinary subjects under CBCS necessitates handling of challenges of allocation of time, classrooms and laboratories which would be addressed in the gradual implementation of NEP 2020.

17.Academic bank of credits (ABC):

Andhra University is eligible to enroll for Academic Bank of Credit(ABC) introduced by Higher Education. UGC has issued Regulations, 2021 for Establishment and Operation of

Academic Banks of Credits (ABC) in Higher Education dated 28th July 2021 has accorded for Adoption of Academic Bank of Credit from the academic year 2021-22.Andhra Univereisty has registered itself under NAD and in ABC called as 'AU: Academic Bank of Credits (AU-ABC)'. Accordingly, AU shall amend the ordinances relating to, inter alia, Course registration, course requirements, acceptance for interdisciplinary and multidisciplinary courses, credits to be offered to such courses, credit transfers and acceptance from other approved Higher Education Institutions, nature of grades to be awarded etc. AU-ABC shall provide facility to students to choose their learning path to attain a Degree or Diploma or Post-Graduate Diploma or academic qualification, working on the principle of multiple entry/exit as well as any-time, any-where, and any-level learning. ABC would enable students to integrate study from multiple disciplines of higher learning, leading to the desired learning outcomes including enhanced creativity, innovation, higher-order thinking and critical analysis. Adoption of ABC provides significant autonomy to students to choose from a basket of courses for an academic programme of study, flexibility in curriculum, novel and engaging course options across several higher education disciplines and or institutions. For effective implementation of AU-ABC, each Faculty/College/Institutes Centers/Cells shall be required to prepare a programmewise dynamic and flexible list of courses offered by other faculties to complete the credit requirements for the award of respective degree. The AU-ABC shall provide student counselling and guidance to students desirous of opening an Academic Bank Account concerning the details of utilization of the services of ABC in terms of Credit Definition, Accumulation, Transfer and Redemption as well as in respect of the Opening, Closure and Validation of Academic Bank Accounts of Students with the support and feedback of the IQAC.

18.Skill development:

Andhra University in association with Andhra Pradesh State Skill Development Corporation(APSSDC) and SIEMENS Centre Of Excellence is established to bridge gap between Industry and academic by providing skilled engineers as requested by industry. So, by this training industry needs of spend much time and money on employee to make employee as skilled and to use. They can use directly by the industry after our training in Andhra University COE.The project has been launched on 7th March, 2018and it is made fully operational. Almost 6900 students have been trained till date.

Challenges faced before deployment/ implementation

- *Locating the site for the premises in an easily approachable place.*
- *Provision/allotment of construction work as per the norms laid by the Government.*

- *Preserving the sophisticated and sensitive equipment from the environmental conditions*
-

Process followed by deployment / implementation

- *maintaining the sensitive/ sophisticated equipment like computers,*

controllers from the construction disturbances

- *testing & commission of light weight and heavy machinery*

- *Interfacing the softcore with the machinery*

- Innovative aspects of the project/activity

 In addition to training the following few innovative projects were implemented by students

- *Conveyors Belt System*

- *Car Washing*
- *Car ASRS System in Automotive*
- *Lift*
- *Length x breadth x height measuring Automated system.*

Solutions Implemented and Governance practices involved

- *- Equipment provided by APSSDC in association with Siemens*

- *- One all monitoring and administrating by Andhra University*

- Planning, conduction of programs by APSSDC.

- Teaching, executing, evaluating by the Design Tech.

- Certification by AU-APSSDC & SIEMENS

- Coverage of targeted population

- UG/ PG & Research Scholars.

    - *faculty of Engineering Colleges in the catchment area.*

    - *Visakhapatnam, Vizianagaram & Srikakulam Districts.*

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

Incredible India has a long tradition, philosophical, and cultural history from thousands of years ago. Across the world, millions of people believed in and practiced Indian culture, especially in the arts, literature, yoga and meditation, philosophy, music, and textiles. The identity and belongingness of a country and an individual are mainly dependent on maintaining and preserving culture and languages. We need to promote this crucial aspect in primary and secondary education. Scholarships will be offered for people of all ages to study Indian languages, arts, and culture with local masters and/or inside the higher education system. Promoting Indian languages is only possible if they are utilized consistently for teaching and learning. To ensure thriving poetry, novels, nonfiction books, textbooks, journalism, and other works in all Indian languages, incentives such as prizes for great poetry and prose in Indian languages across categories were developed. Qualification criteria for employment opportunities will include proficiency in Indian languages.

Unfortunately, Indian languages have not received the attention and care they deserve, with the country losing over 220 languages in only the last 50 years. 197 Indian languages have been designated as "endangered" by UNESCO. Several unscripted languages are extremely critically endangered. Languages must have a continual stream of high-quality learning and print materials to remain relevant and dynamic, such as textbooks, workbooks, movies, plays, poems, novels, magazines, and so on. Languages must also have consistent, widely disseminated official revisions to their vocabulary and dictionaries. However, India has been relatively slow in generating such learning and publishing materials, as well as dictionaries, to help preserve its languages and keep them lively and current. When universities specializing in languages become multidisciplinary to achieve the same goal, they offer B.Ed. Dual degrees in education and a language in order to train great language teachers in that language. Efforts will be made to preserve and promote all Indian

languages, including classical, tribal, and endangered languages. Technology, public participation, and digital repositories will be critical in these endeavors.

Andhra University reflects the core values of the knowledge system (teaching in Indian language and culture, using online courses): the erstwhile State of Baroda, with an intertwining of tradition and modernity in its pursuit of excellence. The culture of excellence begins with recognition and respect for excellence. AU's vision and mission centre around innovation, entrepreneurship, and skill development by integrating Indian Ancient Science and Ethos, reflective of its synergy with AU's initiatives and Action Plan vis-à-vis objectives of the implementation of NEP2020. AU has launched a variety of innovative academic programs and certificate courses; including Indian Classical Music, Dance, Dramatics, Painting, Sculpture, Applied/Graphic/Visual Arts, Museology, Archaeology, and Ancient History, Linguistics, Design,Photography to cater to the needs of society, industry, and government.

It caters to students' needs for languages like Linguistics-Sanskrit. Hindi,English, Japanese, Spanish,French, and German. AU encourages students and teachers to actively engage in academic programs, activities, and events related to constitutional obligations: values, rights, duties, and responsibilities of citizens.

   AU continually encourages the value of cultural excellence in all spheres of university life. Recently, Prof. Prasannasree, Department of English received the prestigious Nari-Puraskar from the Hon'ble President of India for her continuous efforts for development of tribal languages and coding. The Departments of Archaeology, Geology, History, Museology, and Painting conduct special programs to raise awareness regarding the preservation of heritage culture and to introduce the students to the heritage legacy.

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

Andhra University focuses on student centric education in the unique nature of Outcome Based Education (OBE) approach in learning assessment-teaching and principles of OBE derived out of the Competency Based Curriculum with revised Blooms taxonomy concepts. Each course and program outcomes for the concern programme syllabus of department are proposed by the concern faculty and then it is placed Board of Studies (BoS) consist of teachers, subject experts, industry practitioners and professionals and academic council consist of Vice – chancellors, philanthropists, subject experts, industry practitioners and professionals for approval. The course and program outcomes are proposed by thinking that students to work more practical oriented rather than theoretical and can be eligible and competent not only at local but also at a global level. The Andhra university has adopted several feedback

mechanisms and practices to communicate programs and course learning outcomes to all stakeholders and also collecting their feedback on the departmental program objectives should be reflected through program and course learning outcomes and also success in achieving its vision and mission statement of department and University.

The program outcomes, program specific outcomes, course and learning outcomes are published on the web site, brochure, program leaflets, Syllabus books, Lab manuals, departmental notice board, course files, college library, department library etc., and these are further disseminated during induction program in the beginning of academic year and also OBE workshops are conducted for delivery of these concepts. The concern subject handling faculty members explain their students about the course objectives and outcomes of that particular course and clarify the students regarding the relationship between course outcomes and learning outcomes and programme specific outcomes and program outcomes and these have been defined on the basis of Graduate Attributes (GAs) prescribed by concerned apex bodies of higher education such as UGC, AICTE, MoE etc.

21.Distance education/online education:

School of Distance Education, an organ of Andhra University, established in 1972, has been one of the pioneering institutions in the field of Higher Education. It has been striving to extend the reach of higher education to different sections of the society located in divergent geographical areas, particularly in the State of Andhra Pradesh.

As a compensation for missing on campus instruction, the learners admitted into these courses receive Self Learning Materials (SLM) to supplement the text books and other suggested references and guidance through personal contact program structured by a peer faculty within and outside the university.

In 1972 B.A., and B.Com., Degree courses with some select specializations were offered with the approval of the U.G.C. The School of Distance Education was given ex-post facto recognition by the Distance Education Council, New Delhi for all the courses that are being offered by the School of Distance Education w.e.f. 1995 basing on the recommendations of a committee comprising of members from AICTE, UGC and DEC. By way of implementation and adoption of several procedures and by the introduction of modern equipment to strengthen the student support services, the School has achieved remarkable progress and reached the take off stage during the academic year 1982-83.

Students of this School study the same syllabi and are governed by the same regulations as that of the regular students of Andhra University. The Degree awarded is also the same.

University developed a user friendly Learner Management System (LMS), through which learners can access their profile, internal assignments and examination information, can interact with faculty and coordinators using chat box, etc. Learners can also access the digital self learning materials through LMS. The School successfully organized Phone-in-Live program by GyanVani an FM Radio station, to clarify the doubts of the students both academic as well as administrative on 2nd and 4th Friday's of every month. It can be tuned on 106.4 Mhz under FM. Online payment system for all activities such as, admissions, examinations, etc., by the learners has been introduced by School of Distance Education during the year 2020-21.

Admissions will be done twice in a year ie., Academic Year (AY) batch (July to June of next year) and Calendar Year (CY) batch (January to December) for all programs. Entry to exit is completely atomized from the academic year 2022-23 and through the Learner Portal, they can get complete information through regular updates in the form of messages apart from the information sent through whatsApp groups and individual mobile numbers. University will reach the learners by placing the complete information on its web page and informed all the learners to visit the web page regularly.

To fulfill the goal of reach the unreached, a special program is designed for prisoners to continue their studies and can settle in respectable life when comes out of the jail. Personal Contact Programs and exams will be conducted in the Visakhapatnam Jail premises along with the regular ODL learners.

Extended Profile	
1.Programme	
1.1 Number of programmes offered during the year:	**182**

File Description	Documents
Data Template	[View File](#)

| 1.2

Number of departments offering academic programmes | **58** |

2.Student	
2.1 Number of students during the year	**10592**

File Description	**Documents**
Data Template	View File

2.2 Number of outgoing / final year students during the year:	**3186**

File Description	**Documents**
Data Template	View File

2.3 Number of students appeared in the University examination during the year	**10338**

File Description	**Documents**
Data Template	View File

2.4 Number of revaluation applications during the year	**105**

3.Academic	
3.1 Number of courses in all Programmes during the year	**3529**

File Description	**Documents**
Data Template	View File

3.2	**538**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.3

Number of sanctioned posts during the year

750

File Description	Documents
Data Template	View File

4.Institution

4.1

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

2795522

File Description	Documents
Data Template	View File

4.2

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

1918

File Description	Documents
Data Template	View File

4.3

Total number of classrooms and seminar halls

366

4.4

Total number of computers in the campus for academic purpose

1689

4.5

3030.84

Total expenditure excluding salary during the year (INR in lakhs)

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

Revision of the curriculum takes place within a stipulated period. While developing the programs, the local demands of the region are taken care and the local stakeholders become a part of the developmental committee. By adopting the Choice based Credit system and Outcome Based Education, all the programs possess a well-defined Program Objectives, Program Specific Objectives, Course Outcomes, Specific learning outcomes. Every academic department has Board of studies constituted by the senior teachers of the department, subject experts from other academic institutions, experts from industry, alumni and important persons of the society. There are programs relevant to the local needs being offered by the department of sociology, telugu, music & dance etc,. Many of the engineering courses and programs are highly significant through the Centre for Nano technology, American corner, Centre for Defence Studies, Delta Studies, Japanese centre. The University is offering a wide range of programs for the personnel in Defence departments for their career advancement. The implementation of IPR centre is motivating the faculty and researchers in transforming their research results into intellectual property rights thereby the commercialization is also an avenue for start-ups. These Chairs are oriented towards the development of academic – research activity in the respective verticals

File Description	Documents
Upload relevant supporting document	**View File**

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

170

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

3332

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

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

574

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

181

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

1.3 - Curriculum Enrichment

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

The curriculum of an higher education institution with societal obligation and responsibility is to brace the professional ethics, gender & human equality and values. The faculty are responsible for good governance at the university level with the crosscutting concepts emerging globally on the key issues of ethics, gender equality, human values and sustainable environmental credits. The expert people from related non-government organizations are being invited to share their knowledge with the students.

The university has – Durgabhai Deshmukh Centre for Women studies. The objective of the centre is to educate the peers of the university and the region of the state in the dimension of gender equality. The day care centre is opening shortly by the University. The counselling centre that provide family counselling to the needy. The university has instituted an in house complaint cell to receive and resolve the issues and complaints on women harassment. The well-known 'Disha' app –has been established for the women employees and girl student's security.

The university has its' concern towards the sustainable environmental reforms and various departments of the University contributes to nation to gain green credits. The courses of the UG and PG programs consist the Environment Science as an important ingredient.

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

16

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

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

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

2509

File Description	Documents

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

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

2778

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

1.4 - Feedback System

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

3897

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

1767

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

As the Andhra University is one of the oldest university in the state and one of the highly preferred institute, relatively meritorious students take admission into various UG and PG courses. Based on the ranks obtained in the entrance examination and the marks/grade secured in the qualifying examination and through the performance in the class and marks obtained mid exams the advanced learners and slow learners are identified. The Head of the department in association with the faculty concerned identifies the slow learners who require remedial classes after completion of the first midterm examination. Remedial coaching classes are conducted to students in the respective departments. The remedial/third mid examination is conducted in many departments for slow learners and for those students who could not write their mid exams for any valid resaons as an internal arrangement to give further chance to slow learners for building up their better performance in the terminal examination. Counseling System through mentor mentee system is also active.The faculty members/mentors concerned interact with the advanced learners to identify their competencies and special interest to develop plans for their involvement and participation in various challenging programmes being undertaken by the department. Theadvanced learners are given an opportunity to interact with experts from industry to make them motivated in taking up advanced projects. The learning and infrastructural facilities are made accessible to the students as like the faculty.

File Description	Documents
Upload relevant supporting document	**View File**
Link For Additional Information	**https://andhrauniversity.edu.in/naac/criteria2/2.2.1-fast%20and%20slow%20learning%20tools.pdf**

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
10592	538

File Description	Documents
Upload relevant supporting document	**View File**

2.3 - Teaching- Learning Process

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

Student-centric methods, are used in Andhra University for enhancing learning experiences and to achieve programme objectives. Student's suggestions are sought in designing the courses and syllabus through inviting member in BoS Meetings and feedback mechanisms in various departments of Andhra University. Further, community engagement and extension activities like Field work projects, case studies, survey work, NCC, NSS and exhibitions have been made as a curricular component for students as per NEP 2020 guidelines to develop leadership skills, social responsibility person, Good citizen for nation, volunteerism and employment experience. Most of the departments have students clubs for organizing numerous curricular, co-curricular and extracurricular activities in addition to the extension activities.

Dissertation work assigned to students at Industry in one full semester is mandatory and it will provide a great learning process that is adopted by most of the departments and also by providing good library facilities in form of hard and soft copies for self – learning. Faculty are encouraging and guiding students for participation and publication of papers in national and international student conferences and Journals of Scopus, WoS, SCI, ESCI etc. Free Wi-Fi and easily accessible on any electronic gadget throughout the campus is made

available to students to facilitate them to work on their projects, Dissertations for Problem based learning. MOODLE/MOOCs, self-developed- Videos, PPTs/Skype presentations, Google maps, E-Journals/books/e-learning resources in order to enrich their experiential learning experience.

File Description	Documents
Upload relevant supporting document	**View File**

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

Andhra University has taken Google Work Space License for Education, Teaching and Learning and is made available for all the classes and teachers of the University. Andhra University domain(andhrauniversity.edu.in) ids are created for both students and teachers . Google classroom is used for online learning management system by the faculty. Class wise Student groups are created for ease of monitoring and delivery of online classes. All the internal exams, assignments were conducted online and evaluation was also done within the stipulated time. The semester end exams were conducted and the results were released in less than 40 days of the last examination.

Andhra University has developed its own LMS with the technical support of AU Computer Centre and the students were given access to online courses. Andhra University in coordination with APSCHE(State Council of Higher Education) has also facilitated the students and staff to enroll for MICROSOFT UPSKILLING Programmes for free. These programmes are as a apart of value added and skill enhancement programmes. Andhra University has started 12 Online MOOC courses for free. Several faculty of AU have conducted National and International Conferences , ATAL workshops during 2020-2021 online as part of continuous learning.

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

538

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

538

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

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

461

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

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

2.4.3.1 - Total experience of full-time teachers

6120

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

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

12

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

15.78

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

15.78

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

105

File Description	Documents
Upload relevant supporting document	**View File**

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

Andhra university has developed result monitoring and analysis system with a vision to speed up the result processing and announcement. By introducing the result dashboard, tracking of the results is possible and result announcement is done within 40 days of the completion of the last exam. Also category wise result analysis is also possible.

The OMR data is scanned automatically and results are processed by automation. Once the results are processed the reports are generated automatically. The heads of the departments will enter the mid term examination marks, project work evaluation, practical examination marks and viva voice examination marks through online. The results are approved by concerned authorities of the University;

Introductin of OMR sheets have drastically reduced the time for declaring results. On an avergae fro 10 days to 25 days resuts are being declared for both UG and PG courses.AU Computer centre has designed results dashboard to continously monitor the progress of examinations.

he Ph.D. evaluation is done by three external examiners including one from foreign universities. The Plagiarism check for thesis submission is made mandatory. Andhra University is a member in academic bank of credits all the students are encouraged their lockers and store their course credits.

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

Andhra University(AU) focuses on student centric education in the unique nature of Outcome Based Education (OBE) approach in learning assessment-teaching and principles derived out of the Competency Based Curriculum with revised Blooms taxonomy concepts. Each course and program outcomes for the concern program are proposed by the concern faculty and then it is placed before Board of Studies (BoS) for approval. The course and program outcomes are proposed to work more practical oriented rather than theoretical so as to mould the students not only at local but also at a global level. AU has adopted several feedback mechanisms and practices to communicate programs and course learning outcomes to all stakeholders.

The PO's, PSO's, course and learning outcomes are published on the web site, brochure, program leaflets, Syllabus books, departmental notice board, course files, college library, department library etc., and these are further disseminated during induction program in the

beginning of academic year and also OBE workshops are conducted for delivery of these concepts. The relationship between course outcomes and learning outcomes and programme specific outcomes and program outcomes have been defined on the basis of Graduate Attributes (GAs) prescribed by concerned apex bodies of higher education such as UGC, AICTE, MoE etc.

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

POs attainment is obtained by using direct and indirect method of assessment. Direct method indicates attainment by learning and course outcomes contributing to respective program specific outcomes and program outcomes. Indirect method is the satisfaction and also feed-back from all stakeholders.Indirect surveys are carried out about the POs and PSOs attainment. In Indirect Assessment, the survey forms are used to collect responses from all the stakeholders pertaining to POs and PSOs. The strengths and shortcomings of the Teaching and learning process are assessed at the end of each course and the required changes are made in the Teaching -Learning Process and in the course content too.

The individual questions in internal and external exam question paper, assessment taxonomy and scheme of valuation is prepared in such a way that each question is mapped to specific Course Outcomes (COs), along with levels based on Revised Bloom's taxonomy levels and then attainment of course outcomes is calculated based on the student's performance in each assessment. The main objective is to develop the skill set of student related to problem-solving skills, analytical thinking, creativity, and mathematical reasoning and to write effective research reports, and documents, prepare effective presentations and communicate the findings efficiently, induce the confidence to clear the competitive exams. Attainments are computed and analyzed as per the guidelines of the university through performance in examinations and continuous assessment.

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

2822

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

2.7 - Student Satisfaction Survey

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

https://services.andhrauniversity.edu.in/filestorage1/iqacfiles/sss-2020-2021-links.docx.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

The University policy for promotion of research is taken care by three bodies constituted at different levels.

At University level Board of Research Studies (BRS) is formed under the chairmanship of the Vice Chancellor, Principal of Science and Technology shall be the convener. Principals of all Constituent colleges of Andhra University along with faculty Chairpersonsand Dean R&D are associated as members of the Board that includes Rector and Registrar of the University. The University's holistic research needs like Fees structure, Decision on administrative procedures, formulation of guidelines for full time, parttime, extramural and executive Ph.D.

The BRS Guidelines are available in the website

https://www.andhrauniversity.edu.in/phd/BRS_Guidelines_10052017.pd

College Research committees(CRC) are formed tat college level to monitor the research activities, admissions of research activities, admissions of research scholars, conduct of pre-Ph.D. examinations and promotion of research activity..

Department Reasearch Committee are formed at department level to monitor allocation and processing intake of research scholars to eligible guides, besides coordinating and framing

model question papers etc.,

The research facilities are frequently updated from the funds received through programmes like UGC – SAP, FIST, TEQIP, RUSA.. Dean, Research and Development will be coordinating with the faculty and different Govt. Departments in getting the projects Sanctioned.

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)

138

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

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

312

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

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

76

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

58

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

3.2 - Resource Mobilization for Research

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

78.99

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)

2073.15

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

35

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

Andhra University has setup AU Incubation Council, a section 8 company with a full time CEO is working towards an approach of fostering innovation and entrepreneurship on campus. This is being done by bringing multi sector based startups, mentors and incubation ecosystem within the campus covering Technology (HR Tech, FinTech, Edu Tech, Logistics Tech, Agri Tech, Defence, Environmental, AI/ML, Data Analytics, IoT, Robotics, ERP, Aerospace), Pharma, Food Testing, Genomics, Life Sciences, Marine sectors.

AU Incubation Hub (Ecosystem on Campus)

AU - NASSCOM Center of Excellence for AI & IoT (Aug 2021 – 14 Start-ups)

AU Innovation Center in Next Gen Tech Phase 1 (Apr 2022 – 25 Start-ups – 80 student internships provided)

AU Incubation Hub:Annex 1 – DIGIFAC Low Code Technologies – (325 students undergoing training on Low Code Technologies)

AU Incubation Hub:Annex 2 – TCABSE at Dept of Zoology – (250 internship & projects on campus in Life Sciences, 1 Patent Application, 2 Papers Publications, 3 grant applications through students)

Student Startup Incubation -6 Start-ups – EduMoon (student community &EduTech start-up) valued at INR 3 Cr and funded by GoI, Aqua India won Asia level UN driven Hult Prize, 3 start-ups in Space Tech, 1 Start-up in 3D printing of education toys)

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

40

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

40

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

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

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

29

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

A. All 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

29

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

368

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

742

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

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

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

186

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

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS	A. Any 5 or all of the above

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

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
6.96	9.48

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
48	42

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

3.5 - Consultancy

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

Andhra University has established a special centre Resource Mobilization Cell(RMC) following the guidelines of UGC in the year 1993 for promoting consultancy services. The centre is renamed as Andhra University Development Centre (AUDC) in the year 2001. The centre will act as liasoning agency between industry and the academic departments and faculty members. The University Development centre will take care of promoting the consultancy activity in the campus, by encouraging the faculty members to take up consultancy works. It gives wide publicity to various industries about expertise and infrastructure available in the campus to take up consultancy projects. The centre conducts interactive sessions to promote consultancy activities in the campus.

The activities, objectivesare displayed in the AUDC webpage i.e., https://www.andhrauniversity.edu.in/administration-wing/dc.html

The faculty members who are applying for consultancy works in the industries/organizations are taking approvals from Andhra University development centre. After getting the work order for consultancy from the industry/organizations the associative consultants carry out the work as per the agreement. The disbursement of payment is being done by the development centre in the ratio 2:3 among the university and consultant after deducting the expenditure incurred by the consultant.

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)

81.78

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

3.6 - Extension Activities

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

The University takes up several activities to sensitize the faculty and students Social responsibility. The university has its own NSS and NCC unit. This units of Andhra University are well known for its committed extension services, which are well recognized by the appreciate authorities. Cnetre for women studies, Departments of Sociiology, Social work, law will be involving themselves reguarly for extention works besides other departments.

The following are the programmes undertaken by the University towards this end.

Environmental clean-up programmes: These programmes are organized involving faculty, students, Research scholars and non teaching staff within and outside University campus,

Counselling centres in the departments such as Psychology, Law, Food, Nutrition and dietetics, commerce, Fine arts, Yoga, social work, sociology, Anthropology, Archaeology,

women studies, Inclusive and exclusive, etc., for providing free counselling for social
harmony, health, legal and for other problems of public.

Due to the unforeseen COVID -19, considerable amount of awards were not received. The NSS
cell of Andhra university has conducted several awareness programs on COVID-19 related to
health and hygeine. As social responsibility, AU has distributed many masks, sanitizers and
food packets to the underprivileged and needy people. Medical testing camps, Women
protection campaign, short term vocational training programmes were also conducted.

File Description	Documents
Upload relevant supporting document	**View File**

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

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

3

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

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

33

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

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

4033

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

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

473

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

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

16

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.

Andhra University has adequate facilities for all the teaching-learning, research, computing equipment, and research laboratories. For example, the central facilities like the library and cyber lab are noteworthy for expanding or updating academic and research knowledge.

Andhra University has a high-band network under a dedicated computer center. Digital classrooms and ICT-enabled features, smart classrooms are adequate in every department and research center. The central laboratories like NMR and the advanced analytical lab are helpful for research students. The university has equipped about 15 digital classrooms in Andhra University College of Engineering to benefit the students. It helps the student community to train towards digitalization to compete with other higher learning institutions. Andhra University brings new wings to the infrastructure facility by constructing and maintaining eight new buildings, namely the examination new building, IT block, incubation center, and a new building for the Department of Civil Engineering in association with Andhra University and NASSCOM Centre of Excellence-IoT & AI . Our Hon'ble Vice-Chancellor inaugurates the New Boy's Hostel Block under the RUSA initiative, Examination Block II & Computer Centre (RUSA 1.0).

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.)

Andhra University has created adequate and state-of-the-art infrastructure for organizing academic and cultural programs. Facilities such as K.V. Gopala Swamy Open air Theatre with a capacity to accommodate 1000 people, Sri Cattamanchi Ramalinga reddy Utsavarangam whichis air-conditioned with 3000 capacity, Dr. Ambedkar assembly auditorium with 300 capacity, T.L.N Sabha Hall with 250 seating capacity whereseveral cultural programs were organized.Andhra University has an open auditorium facility, the AU Convocation Theatre, B.R. Ambedkar Hall, and the Andhra University convention center for conducting several cultural events. Our illustrious departments, music, dance, theatre, and fine arts regularly conduct several operas, vocals, and exhibitions. The university has good sports facilities such as cricket grounds, running tracks, gymnasia, an indoor stadium,volleyball and basketball courts. The tennis court on the south campus is of international standard, and many tournaments are organized by Andhra University. Specifically, Golden Jubilee Ground, silver jubilee grounds, Tennis Complex, Indoor gymnasium, weight training facilities, Engineering College campus grounds, one bowling machine and weight training machinery. The Department of Physical Education has indoor and outdoor game facilities, a gymnasium, and two big playgrounds, including volleyball courts. The AU Yoga Centre is internationally recognized and provides services like naturopathy, obesity, and diabetic diet plans.

File Description	Documents

Upload relevant supporting document	**View File**

4.1.3 - Availability of general campus facilities and overall ambience

The campus is a secure, safe, eco-friendly, and non-smoking zone under continuous surveillance by CCTV. The overall ambience is excellent, with full greenery: Special care is provided for disabled people by providing rakes, stable platforms, and lifts. Two health care centers are equipped with appropriate equipment for university officers, teachers, supporting staff, and students' health care. The entire admission process is computerized through online counseling. AUCC executes campus-wide networking, I.T. service support, and software development and expands its activities to provide unlimited campus connectivity to every corner of the university. The Development Centre continuously widens its network with industries by offering consultancy and collaborative research. Established links are effectively utilized in supporting student training, project work, campus placement activities, lectures by experts, and MoUs. I.M.C. provides accountability, salary disbursement, income tax issues, information on C.P.F. & C.P.S., and annual accounts. The engineer maintained a complete survey plan of the campus, buildings, waterworks, and drainage works. UGC-Human Resource Development Center conducts several faculty induction programs, refresher courses, interdisciplinary refresher courses, and short-term courses. Each college has a placement and career guidance cell, N.S.S. and N.C.C., for students to pursue their career goals.

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)

4322

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

4.2 - Library as a Learning Resource

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

Dr. V.S. Krishna Library is one of the jewels in the Andhra University crown, having wonderful infrastructure and a peaceful arrangement for book reading. The University Library possesses a rich collection of e-books, e-journals, and physical editions of books and journals. Currently, 5,35,000 books, 62 foreign journals, 120 Indian journals, 8500 e-journals, 35 general magazines, 15 newspapers, and 50,000 back volumes with 880 CD-ROMs are facilitated to teachers and and students. The Engineering Library has 64,407 volumes and 96 computer systems, and the Law College library also has 16,500 volumes associated with the Central Library. The library has a a digitization facility and is automated with an Integrated Library Management System (ILMS) and SOUL software to utilize the library's journals. And special arrangements are provided for differently and physically challenged people. A separate unit of books in Braille has been developed for visually challenged students. Reprographic facilities are provided. The purpose of National Library Week, held annually by the central library, is to inform faculty members about J-gate, the digitization of doctoral theses, a program to raise awareness of Swayam Portal, Vidwan, Shodh Ganga, and Shodh Sindhu, as well as the National Digital Depositary..

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)

173.01

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)

356

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

150

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

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

The A.U. Information Technology (I.T.) Policy and Procedure Manual provides the procedures and policies for selecting and using I.T. within the institution. Additionally, it offers instructions on how Andhra University should carry out these regulations and the best approach to pursue all employees. The policy's objective is to ensure a minimum diversity of hardware within the institution. This policy establishes university-wide strategies and responsibilities for protecting the confidentiality, integrity, and availability of the information assets, which include data, computers, information systems, network devices, intellectual property, and other essential documents that are accessed, created, managed, and/or controlled by the university. Purchasing any hardware item like the one mentioned above should include the relevant components depending on the hardware. Since hardware must be changed as needed, the Central Purchase Committee (C.P.C.) or another appropriate university authority must first approve any changes to previously acquired or newly purchased hardware. All hardware purchases must be supported by appropriate quotations from three vendors, including all the required specifications, warranty requirements, and G.S.T. Further details on IT policy can be provided at

https://www.andhrauniversity.edu.in/img/pdf/policies/AU-IT%20policy%20with%20TOC.pdf

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
7446	**1807**

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

3818129256

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.

Andhra University follows standard and transparent methods to maintain and utilize academic and research facilities for university-level, individual departments and research centres. The University allocates an amount of Rs.2067 Lakhs towards the maintainence of infrasructure in the year 2021-22. The maintainence budget is carefully managed by avoiding unnecessary expenditure and wastage. The Univesity engineer will identify the necessary input and prepares the report and apporval is taken from the Vice Chacellor and otherauthorities. With respect to other infrastructure facility for the colleges (cluster of academic departments) the principal and the heads of the department in consulation with the faculty ofthe department identify the requirements of maintainence and process through univesity engineer or private vendor. The department committee may also utlisie the othersources like alumni contribution for maintainence of equipment/physical facilities with the apporval of university authorities.

Each department will be allocated with abudget to maintain the available facilities through contingency. For purchasing theequipment andrelated items the department has to go for Central Purchasing committee approval. The head of the department is responsible to maintain the stock register, purchase of bills, auditing the budget. Procuring new equipment and its stock register entry is mandatory and maintained through laboratory in-charges.

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)

7186

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

4649

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

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology	A. All of the above

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

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

File Description	Documents
Upload relevant supporting document	**View File**

5.2 - Student Progression

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

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

123	
File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

2674	
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

45	
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

09	
File Description	Documents
Upload the data template	**View File**
Upload relevant supporting document	**View File**

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

Andhra University has a great magnificent structure connecting the national and international students to encourage the student progression, to promote the research aptitude and attitude, career prospects, personality development, soft skills, language and life skills, active participation in cultural and academic programs in national and international workshops.

Recently, American Youth corner is established in the University to support and help the international and national students through various exchange programs. It promotes the Institutional interests, development of and welfare of the students. Additionally, Andhra University voluntarily organizing expert talks, debates, quizzes, language tandems, sport and cultural activities the student thyself to improve personal and professional development.

GITA is the another best student council created by the College of Engineering, Andhra University to promote the alumni interaction, talks, enterprenurship,career guidance, mentoring, and motivation for the ongoing batch students which will help for their future prospects.

Andhra University is being the best university among the state universities, encouraging the Student Affairs consisting Dean, student members from the NSS, NCC. The main objective of the student affairs is to encourage and promote the conducive environment for academic learning and research, to support the university development, to participate in sports and cultural events at various local, regional, national and international events.

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

01 (Due to Covid-19 no sprots are conducted)

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

5.4 - Alumni Engagement

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

The Andhra University Alumni Association (AAA) is very active in assisting the university in all areas. Apart from hosting other events, the Andhra University Alumni Association hosts an annual Alumni Meet in December to commemorate the birth anniversary of its founder, Vice-Chancellor Sir C.R. Reddy.At present the Alumni association has 700000 above membersIn recent years, different national and international Alumni chapters are created to connect the distinguished alumni across the globe. This is one of the best interactive and forward step to link the alumni and well utilizing the services in terms of expert talks, MOUs, motivational speeches to students.Andhra University Alumni Association organizes grand Annual Alumni Meet, christened as WAVES, which is held every year in the month of December providing a platform for the alumni to share their experiences, expertise and ideas and for upgrading multi-disciplinary collaboration with various successful institutions across the globe with the help and contribution of its alumni. Eminent personalities and stalwarts have been visiting the esteemed University to attend this annual event. So far seven such grand annual alumni meets were organized under the auspices of AU Alumni Association since 2016. The Chief Guest/Guests of Honour of the successive events are Shri M. Venkaiah Naidu, the then Union Minister for Urban Development, GoI and later becameVice President of India , Padmavibhushan Sri Ratan N. Tata, Chairman, Tata Trusts.

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

Andhra University is solely committed to impart multifaceted education, Excellency in pedagogy and indefatigable research, provide the qualitative education, to give a bright future by chiseling the talents of the learners and promote holistic proficiency and is

aimed at serving humanity socially and intellectually by bridging University and Universal community at large. Effective leadership is crucial to apprehend the vision by setting values and participative decision-makingprocess of strictly following the mission and accomplishing the institution's objectives accordingly. It is also instrumental in building the work culture, which in turn yields long term fruits. The involvement of the leadership is mandated in the formulation of action plans for all operations and incorporation of the same for fetching desired results. It also plays a pivotal role in interaction with all the stakeholders for drafting of new policies involved in the development of the University.

Andhra University Vision : Create New Frontiers of Knowledge in Quest for Development of the Humane and Just Society.

Mission : 1) To Stimulate the academic for promotion of quality of teaching, learning and research.

2)To undertake quality related research studies, consultancy and training programmes.

3)To foster global competencies among students and to inculcate value system in them.

4)To promote the use of State of the Art Technology and Quest for Excellence.

The Vision and Mission are clearly formulated and are displayed in AU website.

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

Andhra University is committed to decentralization and participative management through effective leadership and hierarchical administration setup. The leaders at different levels are identified and posted in executing administrative responsibilities under the most capable, effective and dynamic leadership of the Honr'ble Vice-Chancellor. The implementation of decentralization successfully initiates smooth conduct of academic and non academic activities at various levels in the University.

Decentralization:

The decision levels of the University administration can be categorized as:

1.Academic Decisions which include curriculum restructuring, appointment of examiners/referees, revision of scheme of examination, policy for research, etc.

The administration has nominated Board of Studies Chairman for all the departments and Faculty Chairman at the constituent college level. Several Deans are appointed to take care of Academics, Examinations, Research and Development, training & placement etc.

2.Administrative Decisions which include recruitment, training and promotions of teaching/ non-teaching :

The administration administers its important decisions by putting forth all its ideas and policies before Executive Council(EC) of Andhra University. The EC consists of members representing successful professionals representing all stakeholders.

3. Policy Decisions: Are taken in consulatation with Executive Council and Heads of departments and Deans for making important policy decisions.

Participative Management:

Andhra University involves all its stake holders in decisions involved for the development in academic and administrative affairs.

File Description	Documents
Upload relevant supporting document	**View File**

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The University has a strategic plan for the development of the institution as a whole with a view to achieving the vision and the mission, which the University has created and is aimed at providing inclusive, exclusive and employment-oriented higher education.

The institution has long term and short term plans to update the teaching and non teaching staff with the changing trends on par with the Global scenario.

Important Strategic plans for the year 2020-2021:

1. Digitization of examination procedure.
2. Adopted MOOCs and value added courses

3. Increase the number of Orientation and Refresher courses for teaching staff.
4. Inceeaase the number of MOU's with different Public and Private Agencies and institutions.
5. Improve the number of Campus placements to 100%.
6. Systematic Internal assessment at different levels.
7. To strengthen the newly established IPR cell and Incubation centre
8. To become the Top Five Multidisciplinary Reserach Institute in our Country.

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 functions of institutional bodies, which are very effective and efficient reflected through the policies, administrative setup, appointments and service rules procedures etc…

The intellectual property policy of Andhra University oversees the Patents, copyright, Trademarks and other significant research works which can enhance the reputation of the institution at large.

Andhra University IT policy is aimed at enabling the institution to purchase and install the hardware and software without any deviation from the norms that have been formulated.

Andhra University Quality policy is committed to achieving excellence in teaching, research and consultancy, by imparting globally focused education, by creating world class professionals, by establishing synergic relationships with industry and society, by developing state of art infrastructure and well endowed faculty and by imparting knowledge through team work and incessant efforts.

The various committees and policies can be found at

https://services.andhrauniversity.edu.in/filestorage1/iqacfiles/6.2.2-linkproofs.docx.pdf

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

The teaching and non teaching are at regular intervals appraised with positive reinforcements and the eligible staff, apart from having promotional avenues, they are solely subjected to welfare measures which encourage them to work for the achievement of vision of the institution.

Welfare Measures:

1. Health cards and medical facilities
2. Loan facilities
3. Staff quarters
4. identifying Best employees among Non teaching staff and feliciatting them on REpublic day and Independence Day celebrations.
5. Felicitating our Teaching fraternity with Best Researcher , Best Teacher awards on Sep 5th every year.

File Description	Documents

Upload relevant supporting document	**View File**

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

453

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

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

21

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

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

133

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

6.4 - Financial Management and Resource Mobilization

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

Steps for mobilisation of Financial Resources :

1. Research & Development cell:

AU has a very strong Research & Development Cell(R&D) headed by a faculty who has a strong research background as DEAN. The University faculty are very knowledgeable and experienced and are involved in research activities like implementing many research projects sponsored by many Govt. Agencies like AICTE, UGC, DRDO, NSTL, MeiTy, DST-SERB and many more.

2) AUDC:

Andhra University has created the Resource Mobilization Cell (RMC) at the instance of the University Grants Commission in the year 1993 and later it was renamed as A.U Development Centre (AUDC) in the year 2001. the main activities of AUDC are Industrial and scientific Consultancy, Strengthening Links with Industry and scientific organisations, Inducting adjunct faculty from industry, research organizations and academia, Preparation of Proposals for University Development through CSR Funding. Many of the faculty are involved in industrial consultancy and have done many consultancy projects at regional, National and International level too.

3) AU generates funds through Self finance courses, Integarted Courses, Ph.D and Executive Ph.D, Executive Development Programmes, Certificate Programmes, Foreign students admissions etc.

Financial Audits:

Andhra University conducts internal and external financial audits regularly. For this, a systematic procedure is adopted.

- Internal audit and External ISO audits
- External agency (Statutory audit)
- External Agency (Accountant General, AP)

File Description	Documents
Upload relevant supporting document	**View File**

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

159

File Description	Documents

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

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

32.3375

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

6.4.4 - Institution conducts internal and external financial audits regularly

(i) There is an internal audit procedure in vogue at Andhra University. as per the procedure in practice, the preparatin of Monthly accounts, reconciliation of Bank Statements and finalization of Annual Accounts of the University. are done by the chartered Accounting firm M/s. A.V. Ratnam & Co.,

(ii) As per Financial procedure of a State University, the quarterly expenditure and annual accounts are to be placed before Finance committee of the University for its perusal scrutiny and approval for reporting the accounts and budget before Executive Council.

(iii) All accounts of the University ar mandatorily audited by the external autitors such as State Audit authorities each year and AG audit once in five years.

File Description	Documents
Upload relevant supporting document	**View File**

6.5 - Internal Quality Assurance System

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

The IQAC Cell of Andhra University has taken numerous steps and initiatives in improving quality of teaching, learning, research and governance at the university. As a part of

regular activities,the following activities are conducted annually and semester wise by the office of IQAC.

1. Academic Audit(AA):

The IQAC committee of the University periodically reviews academic activity, infrastructure facilities and governance by way of academic and administrative audit for quality enhancement. The evaluation process and follow up on feedback is also taken up on a regular basis. The Academic Audit (AA) committee is constituted as per the guidelines of UGC.

2. Online Student Feedback System:As per the suggestions of external auditors of ISO and Keeping in view the amount of hardship involved wrt to paper, manual entry of all the feedbacks, IQAC with the help of AU Computer Centre has devised an Online portal for Student feedback system. This online student feedback system has proved to be effective.

3.Administrative Audits: The main role of IQAC is to conduct ISO 9001:2015 internal and external audits regularly for all the 65 departments, all Offices including Rector, Registrar and Vice Chancellors office. The NCR's are noted down and if any major discrepancies the issues are taken up by the office of IQAC. Every year ISO external audit by TUV SUD is conducted and the validity of the ISO certificate is upto 2024.

As proof a few NCR and observation reports of ISO and MR minutes were uploaded

File Description	Documents
Upload relevant supporting document	**View File**

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken 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	**View File**

Upload relevant supporting documnent	**View File**

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

1.Innovation and Incubation Centre:

The administration of AU has been instrumental in establishing AU Innovation and Incubaton - COE for the promotion of innovation, incubation of ideas, creating startups and for facilitating technology transfer.

2. DPIIT -AU IPRcell: AU administration has established DPIIT-IPR cell .The IPR Cell has been active and in a short span has been recognized as AP State Nodal Office for IPR.

3.Quality Enhancement initiatives in Administration:

The University has made substantial incremental improvements in its administrative processes.

Administrative Staff are given periodic training for quality enhancement of work by providing ICT based orientations and aretrained on enhancing speed and ease of real-time information procurement, w.r.t. E-Tendering, e-office with the help of AU Computer Centre.

4. Introduction of new courses: A new course in engineering B.tech (IT) was introduced. Many value added courses were introduced under Yoga, Commerce, Pharma, Science & Engineering through MOOCS and by conducting 2 week programmes for the benefit if the students and staff.

IPR has been introduced as a new course at UG and PG level.AU is offering 12 online courses for free,School of Distance education of AU has started two Online courses as per the directions of UGC.

5. MERU University: AU has been recognised as one of the Multidisciplinary and Educational Research University(MERU) by APSCHE

6.AVANTI Sea Foods has established a research centre in AU which will hlp fisherman community.

File Description	Documents
Upload relevant supporting document	**View File**

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Believing the significance of gender equality, the University has established DurgabhaiDeshmukcentre for women's' studies to enhance the opportunities to all stake holding women to eradicate abuse onwomen and to redress. This cell consists of members from organizationof Govt. and others which acts independently. Day carecentre, cafeteria, rest rooms around the university also provided. Women faculty are being nominated in key administrative positions like Rector, co-ordinate IQAC, HonorableDirector CC. All the research studentscan pursue theirresearchwithout any apprehensions. UniversityOfficially celebrateswomen's day, Mothers'day etc.Equal importance is extended to women students in placement activities.As per the Statistics 50% student population are women and in college of Pharmacy alone it is 85%. As per our honorable CM Sri Y.S. Jagan Mohan Reddy's desire 50% women are being nominated/ deputed in many committees and Statutory bodies. Following this Andhra University has nominated women in Executive Council and other bodies.

File Description	Documents
Upload relevant supporting document	**View File**
Annual gender sensitization action plan(s)	A separate technical sections for girls to pursue technical education was established in the year 2010 to ensure nation building by tapping the reservoir of talent in women. As per the Statistics 50% student population are women and in college of Pharmacy alone it is 85%. As per our honorable CM Sri Y.S. Jagan Mohan Reddy's desire 50% women are being nominated/ deputed in many committees and Statutory bodies. Following this Andhra University has nominated women in Executive Council and other bodies.
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e.	This cell consists of members from organization of Govt. and others, which acts independently. Day care centre, exclusive cafeteria, rest rooms in all sections and departments are also provided. Women faculty are being nominated in key administrative positions such as Rector, Coordinator IQAC, Honorable Director CC, Principals, and other Administrative posts. All the research students can pursue then research without any assertions. University Officially celebrates and Honors Women every year on occasions like International women's day, Mothers day etc.An equally importance and

Any other relevant information	encouragement in extended to women students in placement activities. A separate college for girls,A.U. College of Engineering for Women to pursue technical education was established in the year 2010 under self-finance category exclusively for girls to ensure nation building by tapping the reservoir of talent in women. The Principal of the Women's Engineering College and the Heads of the various departments are women deputed from main campus. As per the Statistics 50% student population are women and in college of Pharmacy alone it is 85%. As per our honorable CM Sri Y.S. Jagan Mohan Reddy's desire 50% women are beingnominated/ deputed in many committees and Statutory bodies. Following this Andhra University has nominated women in Executive Council and othe bodies.

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	View File

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

Striving for a clean and healthy ambience, the university has nominated one senior and dedicated faculty member as Dean to plan and ensure the waste management in entire campus. Separate man power has been engaged for cleaning the solid waste. The solid waste iseparated into wet waste, drywaste and thenhanded overto GVMC. Liquid waste is being cleared by drainagesystem through out thes campus and then connected to the underground drainage system of GVMC.Regularly the University collects the Electronic components that are matter for disposal as a practice and through the registered e-waste Clearing agencies they arebeing disposed off.

Departments like Engineering Chemistry,Chemical engineering & school of Chemistry are main usersof various common and Hazardous chemicals in thelabs for regular class works and research.The used chemicals and waste chemicals me being disposed as per the guidelines

prescribed by environmental governing agencies. Special containers and equipment one being made available in the labs of thesedepartments.

The Department of Nuclearphysics used the permissible. radio-active material under allowable quantities as part of research and lab equipment. A specified and qualified radio-active scientistin arable to take care of the disposal of such hazardous radio-active minted as for the stipulated mandate.

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

File Description	Documents
Upload relevant supporting document	**View File**

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

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

Being a university of multi specialties, & multifaculties, there is an emphasis on ensuring the harmony and zero tolerance towards all inequalities. Appropriate committees at department level, college and university level have been formed to address any such grievances. All the stake holders are at their freedom to express their grievances. As the number of students across the nation ad globe is ever increasing, the University is

encouraging its Peers to practice their religion. No simple religion or Lay haft in being imposed. Even, the cafeteria is common to all the students such that there is no exhibition of financial or economic barriers.

File Description	Documents
Upload relevant supporting document	**View File**

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

The University, as a practice conducts the following programs to build, enhance and to create awareness, social bondedness among the main stakeholder, the student of the university. Also, many programs are being organized to update the constitutional awareness among the teaching, supporting staff, scholars and students.

- 71ST Constitution Day celebrations (online)
- International Human Rights Day- webinar on Protection of Human Rights in the Private Domain
- One Day Webinar on Protection of Human Rights commemorating International Women's Day
- Celebration of 131st Birth Anniversary of Dr B R AMBEDKAR
- World environment day – webinar by Prof. V RAJYA LAKSHMI on Law and Environment

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

File Description	Documents
Upload relevant supporting document	**View File**

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

As the University is of multi discipline in nature, it has an opportunity to celebrate many festival the occasions and combinative days at college level and at university level. The

combinative days such as birth days of Ramanujam, Suri Bhagavatam, Michael Faraday Mother Teresa, Dr.B.R.Ambedkar are regularly celebrated every year. Also, the university regularly conducts the events like library week, energy conservation week etc., Having an oldest library with "Tala Patra Grandham" university opens its library doors to common public of the city to visit. Open house programes are being organized by departments like zoology and engineering college to show call many of scientific aspects to the students of the city. NSS Day is another festive occasion to the students. The University has got many presidents medals to this NSS unit of the university.

File Description	Documents
Upload relevant supporting document	**View File**

7.2 - Best Practices

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

AU Startup Incubation Hub shall provide an environment to translate knowledge and innovation into creation of successful entrepreneurs that shall help in contributing to local economy and employment generation. The Incubation Center shall also act as the hub for promoting entrepreneurship amongst students from the students and faculty from various local node academic institutions. Andhra University Incubation Hub will create an ecosystem that will foster and support Next Generation Technology based innovation and entrepreneurship. the need of the hour is to create a comprehensive ecosystem that constitutes just not only a University run Incubation Center, but bring about the following practices: (a) Technology Centric Startup/Innovation Ecosystem (b) Pharma, Biotech & Marine Science Centric Startup/Innovation Ecosystem (c) Andhra University Incubation Hub – Annex Centers 1. Evidence of Success NASSCOM Center of Excellence for AI & IoT Andhra University Incubation Center Digifac Center of Excellence in Low/No Code Technologies The Center for Advanced-Applied Biological Sciences & Entrepreneurship (TCABS-E) Andhra University Incubation Hub – Annex Centers Andhra University had started mentoring other institutions in the setup and running of Incubation Centers in the region, and is entering into MoUs for lending support to the institutions. The idea is to create a Hub and Spoke model of Incubation so that the Incubation Centers setup in local colleges can take advantage of the network, training and assets that the Andhra University Incubation Hub has created.

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)

7.3.1: Portray the performance of the institution in one area distinctive to its priority and thrust within 1000 words

AU plays different functions like, being efficiency, guide students to receive right direction from the right teachers, and enables the pupil to get profit from their learning, bring coordination of the student-teacher-parent-society. By this reason MHRDhas selected Andhra University as a Regional Co-ordinate Institute for flagship program for North Andhra. Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development process by leveraging knowledge institutions to help build the architecture of an Inclusive India.

Under the jurisdiction of RCI, UBA, Andhra University, Visakhapatnam all the five of AP districts are covered.

This program has enriched the participating institute coordinator to effectively participate in the holistic development in their adopted villages using eco-friendly sustainable technologies and local resource, creating sufficient employment opportunities in the process, harnessing multifarious government schemes, customize use of existing technologies and use of knowledge as per the local needs to improve the local masses. all the participating institutes have been conducted activities like Swatch Bharat-Clean and Green, Importance of Yoga, Poshana Abhiyan, Blood donation camp, Health Awareness Program, Identification of Literacy rate, Awareness on youth participation in politics, Seminar on National Education Policy-2020, Protest rally against crimes on women etc.

https://www.andhrauniversity.edu.in/cenrtral-facilities/udan.html

Facebook ID: https://www.facebook.com/profile.php?id=100088132641044

Instagram ID: https://instagram.com/rci.uba?igshid=YmMyMTA2M2Y=

7.3.2 - Plan of action for the next academic year

The University Executive Council and Administration has planned curricular, extra-curricular and co-curricular activities for the overall holistic growth of the main stakeholder i.e. student. The inputs from all the sections of the university have been considered for the preparation of the plan along with the directives of the Government of Andhra Pradesh.

NASSACOM Centre of IoT has been functional and it is planning for housing more startups from the students of the region and specifically University. The Centre of Excellence in association with the APSSDC is at it peak stage in serving the student community at large

and it is planned to offer training programs for the personnel from local industries and research centres.

The students from foreign countries are ever increasing in the university and this year many more have opted this university to make up their career. The AU Centre for Defence Studies is catering the needs of the people from armed forces of the country and it is proposed to convert it as a AU School of Defence Studies.