



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

|   |   |
|---|---|
| Part A  |   |
| <b>Data of the Institution</b>                |   |
| <b>1. Name of the Institution</b>             | ANDHRA UNIVERSITY                             |
| Name of the head of the Institution           | Prof. P.V.G.D. Prasad Reddy                   |
| Designation                                   | Vice Chancellor                               |
| Does the Institution function from own campus | Yes   |
| Phone no/Alternate Phone no.                  | 089128448222                                  |
| Mobile no.                                    | 9393112979                                    |
| Registered Email                              | vicechancellor@andhrauniversity.edu.in        |
| Alternate Email                               | auregistrar@andhrauniversity.edu.in           |
| Address                                       | Waltair, Visakhapatnam, Andhra Pradesh-530003 |
| City/Town                                     | Visakhapatnam                                 |
| State/UT                                      | Andhra Pradesh                                |
| Pincode                                       | 530003  |

| <b>2. Institutional Status</b>         |                              |
|--|------------------------------|
| University                             | State                        |
| Type of Institution                    | Co-education                 |
| Location                               | Urban                        |
| Financial Status                       | state                        |
| Name of the IQAC co-ordinator/Director | Prof. D. Lalitha Bhaskari    |
| Phone no/Alternate Phone no.           | 08912844818                  |
| Mobile no.                             | 9885438922                   |
| Registered Email                       | auiqac2005@gmail.com         |
| Alternate Email                        | iqac@andhrauniversity.edu.in |

| <b>3. Website Address</b>  |   |
|--|---|
| Web-link of the AQAR: (Previous Academic Year)                           | <a href="https://www.andhrauniversity.edu.in/administration-wing/iqac.html">https://www.andhrauniversity.edu.in/administration-wing/iqac.html</a>                 |
| <b>4. Whether Academic Calendar prepared during the year</b>             | Yes   |
| if yes,whether it is uploaded in the institutional website:<br>Weblink : | <a href="https://www.andhrauniversity.edu.in/student-corner/academic-calendar.html">https://www.andhrauniversity.edu.in/student-corner/academic-calendar.html</a> |

| <b>5. Accrediation Details</b> |       |      |                      |             |             |
|--------------------------------|-------|------|----------------------|-------------|-------------|
| Cycle                          | Grade | CGPA | Year of Accrediation | Validity    |             |
|                                |       |      |                      | Period From | Period To   |
| 1                              | A     | 0    | 2002                 | 21-Oct-2002 | 20-Oct-2008 |
| 2                              | A     | 3.65 | 2008                 | 18-Sep-2008 | 17-Sep-2014 |
| 3                              | A     | 3.60 | 2016                 | 19-Jan-2016 | 18-Feb-2023 |

|   |             |
|---|-------------|
| <b>6. Date of Establishment of IQAC</b> | 11-Jul-2005 |
|---|-------------|

| <b>7. Internal Quality Assurance System</b>                               |  |
|---|--|
| Quality initiatives by IQAC during the year for promoting quality culture |  |
|   |  |

| Item /Title of the quality initiative by IQAC   | Date & Duration  | Number of participants/ beneficiaries |
|---|------------------|---------------------------------------|
| Participated on Annual Report sub committee meeting   | 27-Nov-2019<br>1 | 7                                     |
| Hon'ble VC Appointed deputy Coordinators from each college for active participation in data submissions and International and national rankings | 05-Jun-2020<br>1 | 8                                     |
| ISO external audits by TUVSUD(online)   | 26-Sep-2020<br>1 | 32                                    |

L::asset('/', 'public')/public/index.php/admin/get\_file?file\_path='.encrypt('Postacc/Special\_Status/'. \$instdata->upload\_special\_status)}}}

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

| Institution/Department/Faculty         | Scheme    | Funding Agency | Year of award with duration | Amount    |
|--|-----------|----------------|-----------------------------|-----------|
| College of Engineering, Autonomous, Au | TEQIP III | NPIU           | 2017<br>1095                | 70000000  |
| Andhra University                      | RUSA      | GoI            | 2018<br>1095                | 430000000 |
| AU College of Science & Technology     | CAS-I     | DST-SAP        | 2016<br>1825                | 10000000  |
| College of Arts, Commerce              | CAS-II    | DST-SAP        | 2016<br>1825                | 10000000  |
| Mechanical Engg                        | CAS-II    | DST-SAP        | 2016<br>1825                | 10000000  |
| Chemical Engg.                         | CAS-II    | DST-SAP        | 2016<br>1825                | 20000000  |
| Inorganic & Analytical Chemistry       | CAS-II    | DST-SAP        | 2016<br>1825                | 10000000  |
| Instrument Technology                  | CAS-II    | DST-SAP        | 2016<br>1825                | 5400000   |
| Law                                    | CAS-II    | DST-SAP        | 2016<br>1825                | 12000000  |

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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

| Upload latest notification of formation of IQAC   | <a href="#">View Link</a>   |                |                      |                          |       |  |   |                                  |             |                       |  |
|---|---|----------------|----------------------|--------------------------|-------|--|---|----------------------------------|-------------|-----------------------|--|
| <b>10. Number of IQAC meetings held during the year :</b>   | 4   |                |                      |                          |       |  |   |                                  |             |                       |  |
| The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website  | No  |                |                      |                          |       |  |   |                                  |             |                       |  |
| Upload the minutes of meeting and action taken report   | No Files Uploaded !!!   |                |                      |                          |       |  |   |                                  |             |                       |  |
| <b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>  | No  |                |                      |                          |       |  |   |                                  |             |                       |  |
| <b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>   |   |                |                      |                          |       |  |   |                                  |             |                       |  |
| 2. IQAC office is responsible for applying for International Rankings and a few ranks are as follows: S.No. Ranking Agency 201920 1. World University Ranking Overall 1000 2. World University Ranking Asia 351400 3. World University Ranking Emerging Economies 301350 4. World University Ranking Engineering Technology 801 5. World University Ranking Physical Sciences 801 6. THE Impact rankings 2020 Overall 600 7. THE WEEK Best Universities in India 10 Sate Multidisciplinary Universities 4 South Zone Top Multidisciplinary Universities 2 |   |                |                      |                          |       |  |   |                                  |             |                       |  |
| 1. IQAC office is instrumental in getting AU NIRF 2020 Ranking as follows: S.No. Ranking Agency 20192020 1 NIRF Ranking (University category ) 19th 2 Overall Category 36th 3 AU Pharmaceutical Science 34th 4 AU Engineering College 69th  |   |                |                      |                          |       |  |   |                                  |             |                       |  |
| 1. IQAC office is instrumental in getting a few National private rankings as follows: S.No. Ranking Agency Position during 201920 1 INDIA TODAY (Indias Best Universities) Top 36 Indias Best General Government Universities 10th Top 10 General Government Universities 10th 2 Top 10 Government Engineering colleges 7th   |   |                |                      |                          |       |  |   |                                  |             |                       |  |
| <a href="#">View Uploaded File</a>  |   |                |                      |                          |       |  |   |                                  |             |                       |  |
| <b>13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year</b>  |   |                |                      |                          |       |  |   |                                  |             |                       |  |
| <table border="1"> <thead> <tr> <th>Plan of Action</th> <th>Achivements/Outcomes</th> </tr> </thead> <tbody> <tr> <td>To improve NIRF Rankings</td> <td>Steps</td> </tr> <tr> <td>To motivate affiliated colleges towards NAAC accreditation</td> <td>Successive in motivating a few affiliated colleges to registration for NIRF</td> </tr> <tr> <td>To conducted ISO Internal audits</td> <td>in Two days</td> </tr> <tr> <td colspan="2" style="text-align: center;">No Files Uploaded !!!</td> </tr> </tbody> </table>                                |   | Plan of Action | Achivements/Outcomes | To improve NIRF Rankings | Steps | To motivate affiliated colleges towards NAAC accreditation | Successive in motivating a few affiliated colleges to registration for NIRF | To conducted ISO Internal audits | in Two days | No Files Uploaded !!! |  |
| Plan of Action  | Achivements/Outcomes  |                |                      |                          |       |  |   |                                  |             |                       |  |
| To improve NIRF Rankings  | Steps   |                |                      |                          |       |  |   |                                  |             |                       |  |
| To motivate affiliated colleges towards NAAC accreditation  | Successive in motivating a few affiliated colleges to registration for NIRF |                |                      |                          |       |  |   |                                  |             |                       |  |
| To conducted ISO Internal audits  | in Two days   |                |                      |                          |       |  |   |                                  |             |                       |  |
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|   |             |
|---|-------------|
| 14. Whether AQAR was placed before statutory body ?   | No          |
| 15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ? | Yes         |
| Date of Visit   | 19-Feb-2016 |
| 16. Whether institutional data submitted to AISHE:  | Yes         |
| Year of Submission  | 2020        |
| Date of Submission  | 11-Mar-2020 |
| 17. Does the Institution have Management Information System ?   | No          |

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

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

| Name of Programme                  | Programme Code | Programme Specialization    | Date of Revision |
|------------------------------------|----------------|-----------------------------|------------------|
| BTech                              | 3201           | B.Tech. (Civil Engineering) | 15/10/2019       |
| <a href="#">View Uploaded File</a> |                |                             |                  |

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

| Programme with Code                | Programme Specialization                        | Date of Introduction | Course with Code | Date of Introduction |
|------------------------------------|---|----------------------|------------------|----------------------|
| PG Diploma                         | PG Diploma in Journalism and Mass communication | 11/07/2019           | PGDJMC           | 11/07/2019           |
| <a href="#">View Uploaded File</a> |   |                      |                  |                      |

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

| Programme/Course  | Programme Specialization | Dates of Introduction |
|-------------------|--------------------------|-----------------------|
| Nil               | nil                      | Nil                   |
| No file uploaded. |                          |                       |

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

| Name of programmes adopting CBCS | Programme Specialization | Date of implementation of CBCS/Elective Course System |
|----------------------------------|--------------------------|---|
|                                  |                          |   |

|       |                         |            |
|-------|-------------------------|------------|
| BTech | All branches since 2016 | 01/06/2019 |
|-------|-------------------------|------------|

### 1.3 – Curriculum Enrichment

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

| Value Added Courses                | Date of Introduction | Number of Students Enrolled |
|------------------------------------|----------------------|-----------------------------|
| M.Ed                               | 10/09/2019           | 10                          |
| <a href="#">View Uploaded File</a> |                      |                             |

#### 1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title            | Programme Specialization | No. of students enrolled for Field Projects / Internships |
|------------------------------------|--------------------------|---|
| MA                                 | Education                | 55  |
| <a href="#">View Uploaded File</a> |                          |   |

### 1.4 – Feedback System

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

|           |     |
|-----------|-----|
| Students  | Yes |
| Teachers  | Yes |
| Employers | Yes |
| Alumni    | Yes |
| Parents   | Yes |

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

| Feedback Obtained   |
|---|
| <p>The University has developed a formal mechanism to get feedback from students regarding the curriculum and teacher performance. Feedback on curriculum is obtained from students, faculty, industry, affiliated colleges, alumni and retired faculty. The Chairman, Board of Studies with the help of the Head of the Department collects feedback on curriculum periodically. The suggestions and comments collected from the feedback will be placed before the Board of Studies for discussion and consideration. Also the university and its departments make use of Review meetings of MOUs between University and institutes/research organisations wherein experts of national and international repute participate and deliberate upon the curriculum design and development. It takes into consideration the views of affiliated colleges also in the development of curriculum. Some of the Principals of the affiliated colleges are also members of the Academic Senate, the highest body approving the curricula of different courses. They have the opportunity to participate in discussions and a role to play in decisions of academic matters. The I.Q.A.C. of the University closely monitors the execution of the formal mechanism designed for collection of feedback on curriculum. An online feedback system is developed and the link is <a href="https://aucoe.info/feedback/feedbackhome.php">https://aucoe.info/feedback/feedbackhome.php</a></p> |

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

| Name of the Programme | Programme Specialization | Number of seats available | Number of Application received | Students Enrolled |
|-----------------------|--------------------------|---------------------------|--------------------------------|-------------------|
| MA                    | M.A.Adult &              | 5102                      | 0                              | 4924              |

Continuing  
Education

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## 2.2 – Catering to Student Diversity

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

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of fulltime teachers available in the institution teaching only UG courses | Number of fulltime teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|------|---|---|---|---|--|
| 2019 | 1599  | 2966  | 164   | 237   | 401  |

## 2.3 – Teaching - Learning Process

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

| Number of Teachers on Roll | Number of teachers using ICT (LMS, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Number of smart classrooms | E-resources and techniques used |
|----------------------------|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 290                        | 235   | 40                                | 71                               | 35                         | 30                              |

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

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

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

Student mentoring System is available and every academic department has a mentoring system to council and support students. For effective implementation of various initiatives required for the student support and mentoring, the Departmental Committees are activated. Each faculty member is assigned a group of students for counseling and mentoring. Thrust is given to those students who particularly hail from rural/tribal background.

Every constituent college of the University is having training and placement office to counsel and guide the students in career opportunities. The Placement Officers are arranging on-campus interviews in coordination with various corporate offices, industries and organizations for final placements. Apart from placements and classroom counselling, the following are a few measures which Andhra uNiversity adopts to encourage and guide the students: Pre-admission counseling, Orientation programmes, Bridge courses, Ragging free campus, Hostel accommodation, Transport, Remedial classes, Infrastructural support, Competency building programmes, Health care, Physical fitness, Socialization, Ethical character building, Organization abilities and leadership skills, enhancing research capabilities and Service personality. The University is providing scholarships to 80 of its students through various central and state government agencies. It is also encouraging the students to get financial assistance from other agencies. In some departments, alumni are supporting the students through providing various merit / merit-cum-means scholarships. This apart, the University is providing studentship to all qualified M.Tech. and M.Pharm. students.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 4565   | 410                         | 1:11                  |

## 2.4 – Teacher Profile and Quality

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

| No. of sanctioned positions | No. of filled positions | Vacant positions | Positions filled during the current year | No. of faculty with Ph.D |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 936                         | 290                     | 646              | 0  | 273                      |

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National,

International level from Government, recognised bodies during the year )

| Year of Award                      | Name of full time teachers receiving awards from state level, national level, international level | Designation | Name of the award, fellowship, received from Government or recognized bodies |
|------------------------------------|---|-------------|--|
| 2020                               | Prof. S. PrasannaSree<br>Endangered Alphabets, USA International                                  | Professor   | World Atlas of Endangered Alphabets, USA, 2019.                              |
| <a href="#">View Uploaded File</a> |   |             |  |

## 2.5 – Evaluation Process and Reforms

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

| Programme Name                     | Programme Code | Semester/ year | Last date of the last semester-end/ year-end examination | Date of declaration of results of semester-end/ year- end examination |
|------------------------------------|----------------|----------------|--|---|
| BSc                                | Nil            | 3-2            | 09/10/2020   | 01/11/2020  |
| BPharm                             | Nil            | 4-2            | 24/09/2020   | 13/11/2020  |
| <a href="#">View Uploaded File</a> |                |                |  |   |

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

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

## 2.6 – Student Performance and Learning Outcomes

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

<http://andhrauniversity.edu.in/college/college-of-arts-and-commerce/departments>

2.6.2 – Pass percentage of students

| Programme Code                     | Programme Name | Programme Specialization | Number of students appeared in the final year examination | Number of students passed in final year examination | Pass Percentage |
|------------------------------------|----------------|--------------------------|---|---|-----------------|
| 13                                 | MEd            | Education                | 20  | 20  | 100             |
| <a href="#">View Uploaded File</a> |                |                          |   |   |                 |

## 2.7 – Student Satisfaction Survey

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

[Student Satisfaction Survey \(SSS\) on overall institutional performance \(Institution may design the questionnaire\) \(results and details be provided as weblink\) : Student survey, Alumni survey are done on regular basis . A separate Student satisfaction survey is progress.](#)

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION



### 3.1 – Promotion of Research and Facilities

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

| Type          | Name of the teacher awarded the fellowship                   | Name of the award | Date of award | Awarding agency |
|---------------|--|-------------------|---------------|-----------------|
| International | Prof. S S V S Ramakrishna, Dept. of Meteorology Oceanography | Excellence        | 12/06/2019    | WXBUNKA         |

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

| Name of Research fellowship | Duration of the fellowship | Funding Agency |
|-----------------------------|----------------------------|----------------|
| NFST                        | 5                          | UGC            |

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### 3.2 – Resource Mobilization for Research

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

| Nature of the Project | Duration | Name of the funding agency | Total grant sanctioned | Amount received during the year |
|-----------------------|----------|----------------------------|------------------------|---------------------------------|
| Nil                   | 3        | ICSSR Project              | 1000000                | 400000                          |
| Nil                   | 5        | DST-SERB Project           | 2429020                | 500000                          |

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### 3.3 – Innovation Ecosystem

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

| Title of workshop/seminar                                     | Name of the Dept. | Date       |
|---|-------------------|------------|
| National Education policy 2019- Issues and challenges seminar | Education         | 30/10/2019 |

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#### 3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

| Title of the innovation | Name of Awardee                                     | Awarding Agency                 | Date of award | Category               |
|-------------------------|---|---------------------------------|---------------|------------------------|
| Research                | Dr. R.Vijaya Santhi Dept. of Electrical Engineering | VDGOOD Professional Association | 23/07/2020    | WOMEN RESEARCHER AWARD |

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#### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

| Incubation Center | Name | Sponsored By | Name of the Start-up | Nature of Start-up | Date of Commencement |
|-------------------|------|--------------|----------------------|--------------------|----------------------|
| nil               | Nil  | Nil          | Nil                  | Nil                | Nil                  |

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### 3.4 – Research Publications and Awards

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

| Name of the Department                       | Number of PhD's Awarded |
|--|-------------------------|
| METEOROLOGY OCEANOGRAPHY                     | 2                       |
| NUCLEAR PHYSICS                              | 4                       |
| PHYSICS                                      | 10                      |
| PSYCHOLOGY PARAPSYCHOLOGY                    | 8                       |
| STATISTICS                                   | 2                       |
| ZOOLOGY                                      | 5                       |
| CHEMICAL ENGINEERING                         | 16                      |
| CIVIL ENGINEERING                            | 8                       |
| COMPUTER SCIENCE SYSTEMS ENGINEERING         | 24                      |
| ELECTRICAL ENGINEERING                       | 8                       |
| ELECTRONICS COMMUNICATION ENGINEERING        | 10                      |
| GEO-ENGINEERING                              | 7                       |
| INSTRUMENT TECHNOLOGY                        | 11                      |
| MARINE ENGINEERING                           | 2                       |
| MECHANICAL ENGINEERING                       | 18                      |
| HUMAN RIGHTS DUTIES in the College of<br>LAW | 1                       |
| LAW  | 23                      |
| PHARMACEUTICAL SCIENCES                      | 22                      |
| ANTHROPOLOGY                                 | 2                       |
| COMMERCE MANAGEMENT STUDIES                  | 61                      |
| ECONOMICS                                    | 15                      |
| EDUCATION                                    | 16                      |
| ENGLISH                                      | 19                      |
| FINE ARTS                                    | 1                       |
| HINDI  | 6                       |
| HUMAN RESOURCE MANAGEMENT                    | 12                      |
| JOURNALISM MASS COMMUNICATION                | 3                       |
| LIBRARY INFORMATION SCIENCE                  | 5                       |
| LINGUISTICS                                  | 3                       |
| MUSIC  | 1                       |
| PHILOSOPHY                                   | 5                       |
| PHYSICAL EDUCATION SPORTS SCIENCES           | 10                      |
| POLITICS PUBLIC ADMINISTRATION               | 8                       |
| SOCIAL WORK                                  | 5                       |
| SOCIOLOGY                                    | 2                       |
| TELUGU                                       | 17                      |

|                                |    |
|--------------------------------|----|
| APPLIED MATHEMATICS            | 5  |
| BIOTECHNOLOGY                  | 3  |
| BOTANY                         | 14 |
| CHEMISTRY                      | 36 |
| ENVIRONMENTAL SCIENCES         | 16 |
| FOODS, NUTRITION AND DIETETICS | 1  |
| GEOGRAPHY                      | 3  |
| GEOLOGY                        | 1  |
| GEOPHYSICS                     | 4  |
| HUMAN GENETICS                 | 2  |
| MARINE LIVING RESOURCES        | 5  |
| MATHEMATICS                    | 3  |

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

| Type                               | Department | Number of Publication | Average Impact Factor (if any) |
|------------------------------------|------------|-----------------------|--------------------------------|
| National                           | Economics  | 12                    | 6.2                            |
| <a href="#">View Uploaded File</a> |            |                       |                                |

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

| Department                         | Number of Publication |
|------------------------------------|-----------------------|
| Anthropology                       | 6                     |
| <a href="#">View Uploaded File</a> |                       |

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

| Patent Details                         | Patent status | Patent Number | Date of Award |
|--|---------------|---------------|---------------|
| A Method for treating textile effluent | Published     | 335672        | 21/04/2020    |
| <a href="#">View Uploaded File</a>     |               |               |               |

#### 3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

| Title of the Paper   | Name of Author | Title of journal                | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
|--|----------------|---------------------------------|---------------------|----------------|---|---|
| Multidisciplinary investigation on the catfish parasite Hamatopeduncularia Yamaguti, 1953 (Monogenea): | Ummey Shameem  | The European Zoological Journal | 2019                | 8.8            | Andhra University   | 249   |

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
| Dactylogyr<br>idae): des<br>cription<br>of two new<br>species<br>from<br>India, and<br>phylogenet<br>ic conside<br>rations |  |  |  |  |  |  |
|--|--|--|--|--|--|--|

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

| Title of the Paper | Name of Author | Title of journal | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication |
|--------------------|----------------|------------------|---------------------|---------|---|---|
| 0                  | Nill           | Nill             | 2020                | Nill    | Nill  | Nill  |

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### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

| Number of Faculty           | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 65            | 154      | 19    | 82    |
| Presented papers            | 60            | 57       | 16    | 15    |
| Resource persons            | 5             | 44       | 19    | 44    |

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## 3.5 – Consultancy

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

| Name of the Consultan(s) department           | Name of consultancy project     | Consulting/Sponsoring Agency    | Revenue generated (amount in rupees) |
|---|---------------------------------|---------------------------------|--------------------------------------|
| Prof. DSR Murty<br>Dept. of Civil Engineering | Structural Designs and Drawings | M/s Iron Triangle Ltd., Gujarat | 64800                                |

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### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

| Name of the Consultan(s) department | Title of the programme | Agency seeking / training | Revenue generated (amount in rupees) | Number of trainees |
|-------------------------------------|------------------------|---------------------------|--------------------------------------|--------------------|
| nil                                 | Nill                   | Nill                      | Nill                                 | Nill               |

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## 3.6 – Extension Activities

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

| Title of the activities | Organising unit/agency/ collaborating agency | Number of teachers participated in such | Number of students participated in such |
|-------------------------|--|---|---|
|-------------------------|--|---|---|

|                                  |        |            |            |
|----------------------------------|--------|------------|------------|
|                                  |        | activities | activities |
| Community Outreach Programme     | UNICEF | 83         | 604        |
| Institutional Outreach Programme | UNICEF | 83         | 8300       |
| Poshan Abhiyaan                  | UNICEF | 90         | 900        |
| WASH Programme                   | UNICEF | 90         | 900        |
| <a href="#">View File</a>        |        |            |            |

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

| Name of the activity   | Award/Recognition   | Awarding Bodies         | Number of students Benefited |
|--|---|-------------------------|------------------------------|
| Social Service and Community Development and Outreach activities | Meritorious Service Award   | District administration | 6                            |
| Social Service and Community Development and Outreach activities | National NSS Award for Best NSS Programme Officer and Best NSS Volunteers | Govt. of India          | 2                            |
| Social Service and Community Development and Outreach activities | State NSS Award for Best NSS Programme Officer and Best NSS Volunteers    | Govt. of Andhra Pradesh | 3                            |
| <a href="#">View File</a>  |   |                         |                              |

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

| Name of the scheme        | Organising unit/Agency/collaborating agency            | Name of the activity   | Number of teachers participated in such activities | Number of students participated in such activities |
|---------------------------|--|--|--|--|
| Swachh Bharat             | NSS Units of A.U. Jurisdiction and GVMC, Visakhapatnam | Clean and Green activities   | 273  | 27300  |
| AIDS Awareness            | NSS Units of A.U. Jurisdiction                         | AIDS Awareness Rallies   | 273  | 29400  |
| Gender issues             | NSS Units of A.U. Jurisdiction and UNICEF              | Peer Leaders Training Programmes, Awareness rallies, Skits, Roll plays | 150  | 4500   |
| <a href="#">View File</a> |  |  |  |  |

### 3.7 – Collaborations

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

| Nature of activity                                | Participant   | Source of financial support | Duration |
|---|---|-----------------------------|----------|
| GMR Hostels for AAA- AU Alumni- Andhra University | Prof. Viswanadha Kumar and Mr. Jaya Prakash Teaching Associate, | 7,000-00                    | 30       |
| <a href="#">View File</a>                         |   |                             |          |

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

| Nature of linkage         | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration From | Duration To | Participant |
|---------------------------|----------------------|---|---------------|-------------|-------------|
| Project work              | Summer internship    | NISER, BHUVANESWAR  | 16/12/2019    | 30/01/2020  | 1           |
| <a href="#">View File</a> |                      |   |               |             |             |

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

| Organisation   | Date of MoU signed | Purpose/Activities   | Number of students/teachers participated under MoUs |
|--|--------------------|--|---|
| MOU between A.U., Visakhapatnam and Raghu Institute of Technology (A), Dakamarri, Vsp. | 12/11/2019         | Recognize the mutual interest in the fields of research and development and dissemination of knowledge and also the importance of Research collaboration and increased contribution / Recognize the importance of the industry partner within its field of | 25  |
| <a href="#">View File</a>  |                    |  |   |

## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

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

| Budget allocated for infrastructure augmentation | Budget utilized for infrastructure development |
|--|--|
| 623972213  | 807311119                                      |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities   | Existing or Newly Added |
|--------------|-------------------------|
| Laboratories | Existing                |

[View File](#)

## 4.2 – Library as a Learning Resource

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

| Name of the ILMS software | Nature of automation (fully or partially) | Version | Year of automation |
|---------------------------|---|---------|--------------------|
| SOUL 2.0                  | Fully                                     | 200.14  | 2016               |

### 4.2.2 – Library Services

| Library Service Type | Existing |         | Newly Added |         | Total   |         |
|----------------------|----------|---------|-------------|---------|---------|---------|
| Text Books           | 6427     | 3100000 | 5901        | 3650000 | 12328   | 6750000 |
| Reference Books      | 800      | 200000  | 419         | 300000  | 1219    | 500000  |
| e-Books              | 4654756  | 0       | 0           | 0       | 4654756 | 0       |
| Journals             | 198      | 7760359 | 0           | 0       | 198     | 7760359 |

[View File](#)

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

| Name of the Teacher     | Name of the Module                | Platform on which module is developed | Date of launching e-content |
|-------------------------|-----------------------------------|---------------------------------------|-----------------------------|
| Prof.V.Valli Kumari     | Operating systems                 | IMPARTUS                              | 01/04/2020                  |
| Prof.D.Lalitha Bhaskari | Cryptography and Network security | IMPARTUS                              | 04/04/2020                  |
| Prof.Viswanadham        | Finance Global marketing          | ZOOM                                  | 10/04/2020                  |

[View File](#)

## 4.3 – IT Infrastructure

### 4.3.1 – Technology Upgradation (overall)

| Type     | Total Computers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departments | Available Bandwidth (MBPS/GBPS) | Others |
|----------|-----------------|--------------|----------|------------------|------------------|--------|-------------|---------------------------------|--------|
| Existing | 2570            | 76           | 186      | 6                | 4                | 25     | 75          | 100                             | 10     |
| Added    | 70              | 22           | 2        | 0                | 0                | 0      | 15          | 0                               | 0      |
| Total    | 2640            | 98           | 188      | 6                | 4                | 25     | 90          | 100                             | 10     |

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

200 MBPS/ GBPS

### 4.3.3 – Facility for e-content

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

AU Computer Centre

<https://www.youtube.com/channel/UCHidBBNXpfpIfDFE1E05xeQ>

#### 4.4 – Maintenance of Campus Infrastructure

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

| Assigned Budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurred on maintenance of physical facilities |
|--|--|--|--|
| 467728140                              | 477381146  | 848114585                              | 743826485  |

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

Every year, resources are allocated both for maintenance and development depending on the requirement of Departments on a priority basis to ensure that the programmes offered by them are successful. Whenever a new equipment is bought, a stock register is maintained duly signed by the head of the department or laboratory in charge. Any new book or equipment is purchased for library, the honorary library in charge will maintain the stock as and when needed. Every department is provided a sufficient contingency amounts for the smooth maintenance of the labs, classrooms etc. The Head of the department upon utilization should provide the bills for the contingency amount spent so as to get the next year amount released by the authorities. Andhra university has a separate purchase committee both at department as well as university level to monitor the needs and requirements with respect to purchase of new equipment. For equipment sanctioned under research projects, separate UGC and RD cell are available. The utilization certificate is to be produced at the end of the project.

<http://www.andhrauniversity.edu.in/administration-wing/randd>

#### CRITERION V – STUDENT SUPPORT AND PROGRESSION

##### 5.1 – Student Support

5.1.1 – Scholarships and Financial Support

|                                      | Name/Title of the scheme          | Number of students | Amount in Rupees |
|--------------------------------------|-----------------------------------|--------------------|------------------|
| Financial Support from institution   | Jnanabhumi                        | 5673               | 311393760        |
| Financial Support from Other Sources |                                   |                    |                  |
| a) National                          | EBC, BC, SC, ST Minority Welfares | 1708               | 67250931         |
| b) International                     | 0                                 | 0                  | 0                |

[View File](#)

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

| Name of the capability enhancement scheme | Date of implementation | Number of students enrolled | Agencies involved     |
|---|------------------------|-----------------------------|-----------------------|
| Counselling and Guidance                  | 20/07/2019             | 31                          | ITDA, AnSI and Others |

[View File](#)



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

| Year | Name of the scheme               | Number of benefited students for competitive examination | Number of benefited students by career counseling activities | Number of students who have passed in the comp. exam | Number of students placed |
|------|----------------------------------|--|--|--|---------------------------|
| 2020 | UGC NET Competitive Examinations | 16   | 8  | 8  | 8                         |

[View File](#)

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

| Total grievances received | Number of grievances redressed | Avg. number of days for grievance redressal |
|---------------------------|--------------------------------|---|
| 0                         | 0                              | 0   |

**5.2 – Student Progression**

5.2.1 – Details of campus placement during the year

| On campus   |                                 |                           | Off campus                    |                                 |                           |
|---|---------------------------------|---------------------------|-------------------------------|---------------------------------|---------------------------|
| Name of organizations visited                     | Number of students participated | Number of students placed | Name of organizations visited | Number of students participated | Number of students placed |
| OMICS INTERNATIONAL PVT LTD INTERNATIONAL PVT LTD | 11                              | 8                         | GVK BIO PVT LTD               | 8                               | 2                         |

[View File](#)

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

| Year | Number of students enrolling into higher education | Programme graduated from | Department graduated from | Name of institution joined            | Name of programme admitted to |
|------|--|--------------------------|---------------------------|---------------------------------------|-------------------------------|
| 2020 | 108  | B.Ed, Bachelors Degree   | Arts, Science Engineering | Andhra University, Central University | M.Ed, M.Phil, Ph.D            |

[View File](#)

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

| Items | Number of students selected/ qualifying |
|-------|---|
| Nil   | 0                                       |

No file uploaded.

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

| Activity | Level | Number of Participants |
|----------|-------|------------------------|
|----------|-------|------------------------|

|                           |            |    |
|---------------------------|------------|----|
| Badminton                 | South Zone | 91 |
| <a href="#">View File</a> |            |    |

### 5.3 – Student Participation and Activities

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

| Year                      | Name of the award/medal | National/ International | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|---------------------------|-------------------------|-------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| 2020                      | Gold Medal              | International           | 10                          | 7                             | Nil               | K. Santhosh         |
| <a href="#">View File</a> |                         |                         |                             |                               |                   |                     |

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students are the backbone of any university and they play a major role in the progress of the university/college/department. At department level class representatives (CR's) are elected at the starting of the academic year to act as point of contact between department and their classmates. They are responsible for student interaction and involvement in day to day activities. At college level, student clubs are promoted for the overall development of the students outside classroom environment. Andhra University has 4 student clubs which are actively participating in seminars, conferences, cultural fests etc. At university level student union bodies are active and they participate in technical discussions and overall development of the university. Every Board of studies in each and every department has a student member (alumni) to participate in the discussions. IQAC advisory committee has three student representatives to involve themselves in the development of the university.

### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, It is registered as " Andhra University Alumni Association" (The registration of societies Act 35 of 2001) No. 1198/2005. Founder Chairman : Dr.G.M.Rao Group Chairman, GMR Group Chief Patron : Prof P.V.G.D. Prasad Reddy Vice-Chancellor, AU Chairman : Prof Beela Satyanarayana Former VC, AU Vice-Chairmen : 1.Dr.K.Hari Babu Former Professor, AU 2.Sri N. Sambasiva Rao, IPS (Retd.) Former DGP -AP CEO, Gangavaram Port. Patron : Prof. K.Samatha Rector, AU General Secretary : Prof B.Mohan Venkata Ram Professor, AU. Joint Secretary : Dr.K.Kumar Raja MD, Kumar Raja Projects Pvt.Ltd. Treasurer : Prof .V. Krishna Mohan Registrar, AU and 12 Executive Committee Members .

5.4.2 – No. of registered Alumni:

|      |
|------|
| 1652 |
|------|

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

|         |
|---------|
| 2100000 |
|---------|

5.4.4 – Meetings/activities organized by Alumni Association :

- The Grand Annual Alumni Meet was organised on 13th Dec 2019, with Sri Y.S. Jagan Mohan Reddy, Hon'ble Chief Minister, AP and Sri C.P. Gurnani CEO MD, Tech Mahindra, New Delhi as Guest of Honour. While Dr. Adimulapu Suresh Minister for Education, Govt. of AP Sri V.Vijayasai Reddy, Member of Parliament (RS) as distinguished guests. The meeting was attended by thousands of alumni of AU.

The venue was AU Convention Centre, Beach road, Visakhapatnam. • Several lectures were delivered in different departments and also GMR smart seminar hall in AAA Office by the alumni from different sectors as resource persons. • To inculcate the sense of belongingness and alumni fabric, caps, mugs T-shirts with AAA logo were made available to the alumni. • Lapel pins with AAA logo are distributed among the alumni. • AAA website is upgraded and made more interactive vibrant.

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

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

The University encourages decentralization and autonomy of the departments with respect to the departmental activities. The Head of the Department conducts the departmental committee meeting in every month and discuss regarding the academic and administrative matters of the department. The Chairman, PG Board of Studies holds local board of studies meeting and takes decision regarding curriculum design, evaluation schedules and other related matters. The department research committee meets once in every month and discusses research activities and development of the department. The departments are supported with annual budget which the Head of the department in consultation with the DC utilizes for departmental activities. The Principals of campus colleges conduct periodic review meetings with the Heads of the departments to ensure that the departments are functioning effectively. All decisions taken at the department level is informed to the Vice-Chancellor through Registrar/ Principal/concerned Dean. The IQAC conducts two internal quality audits to identify the non-confirmative items with respect to processes and procedure, and to initiate corrective actions.

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

Partial

### 6.2 – Strategy Development and Deployment

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

| Strategy Type         | Details  |
|-----------------------|--|
| Admission of Students | The University has a well organized and transparent admission system. Admission into various courses in its constituent colleges, PG centers and affiliated colleges offering PG courses is carried out by Directorate of Admissions. All the admissions are based on merit in accordance with the rank obtained in the Common Entrance Test or marks obtained in qualifying examinations and following the rule of reservation as specified by Government of Andhra Pradesh. The entire admission process is computerized. The candidates seeking admission are required to submit applications on-line and appear for the Entrance Test conducted by the University. Based on the options given by the candidates the admission process will take place. In order to support |

the students in selecting the course and affiliated institutions if any, admission counseling is arranged. The University follows inclusive policy and as such all academic departments provides preadmission counseling and support for preparation for entrance tests. As a result many students belonging to S.C., S.T., B.C., Minority categories get admission into the campus. The girl students constitute more than 50 in many departments. Along with the students of the region, as per the Government rules, the University reserves 15 seats in every course to non-local candidates. International students are also given admissions in all courses.

Industry Interaction / Collaboration

Andhra University is having interaction and collaboration with reputed research organizations, industries and institutions in India and abroad. It has 74 MOUs with these organizations until now. Andhra University is also having several interdisciplinary and multidisciplinary projects in collaboration with other reputed organizations. Andhra University is conducting Twinning Programmes in collaboration with Foreign Universities/Institutions. Andhra University is providing consultancy services to several industries and organizations. During the academic year 2018-19, 09 MoU's are signed under academic and industry collaboration with various organizations.

Human Resource Management

Andhra University is having structured quality improvement strategy to train the pool of human resource. • It encourages its faculty to develop their teaching and research skills by attending and organizing conferences/seminars/workshops /training programmes. • Andhra University has organized several training programmes for faculty and non teaching staff to improve their skills. • University implemented faculty exchange programmes to provide opportunity for faculty to visit and interact with international reputed research organizations. • The university recognizes the meritorious faculty and staff by distributing awards such as Prof.Sarvepalli

Radhakrishna Best Academician Award,  
Best Researcher Award, Best Employee  
Award and Cash Prizes

Library, ICT and Physical  
Infrastructure / Instrumentation

Dr. V.S. Krishna Library is the central library of Andhra University with two branch libraries i.e., (i) Engineering College Library, (ii) Law College Library working under its control. Dr. V.S. Krishna Library has 60,000 sq. ft. (5574.18 sq. m.) of Carpet area. Besides the work and stock areas, each section has seating and reading facility to enable the user to choose and refer to the books comfortably. All the rooms are spacious with good ventilation. According to the need and convenience, one finds different seating arrangements. The seating arrangement is user friendly. To provide sufficient scope for optimum interaction among the users a seminar/group discussion room is provided. At a time 500 users can be seated in the library. The library is kept open on all days in the year including Sundays, except on national holidays and on days declared as holiday by the University. The library works in three shifts. The Engineering College Library situated in the North Campus has a plinth area of 8,000 sq. ft. (743.22 sq. m.) with a seating capacity of 150. The Engineering College Library has 65,000 volumes and 96 Computer Systems are available in the Engineering College Library. Dr. B.R. Ambedkar Law College situated in South Campus has a plinth area of 3400 sq. ft. (315.87 sq. m.) with a seating capacity of 61. The Law College Library has 16,617 volumes. The library is effectively using SOUL software. Special facilities are provided for differently abled persons. A separate unit of books in Braille has been developed for visually challenged students. Reprographic facilities are provided. Manuscript Collection: The library possesses a collection of 2663 rare and valuable manuscripts made of palm as well as leaf paper and original copy of the Constitution of India, signed by Members of the then Parliament. Internet Browsing Centre: An Internet Browsing Centre with seventy one (71) Computers, works from 8.00 a.m. to 10.00 p.m. for the benefit of students, research scholars and

|                            |   |
|----------------------------|---|
|                            | staff.  |
| Research and Development   | <ul style="list-style-type: none"> <li>• Creation of inter and multi disciplinary research teams.</li> <li>• Organizations of conferences/seminars/workshops / training programmes.</li> <li>• Sponsoring faculty for conferences /seminars/workshops.</li> <li>• Establishment of research forum.</li> <li>• Encouraging faculty towards getting projects.</li> <li>• Publication of Five research journals.</li> <li>• Establishment of department research committees and college committees.</li> <li>• Inviting visiting fellows.</li> <li>• Creating awareness among research students and community on SCOPUS indexing and other parameters like h-index etc.</li> <li>• Encouraging staff and students to publish only in reputed and peer reviewed journals</li> </ul>   |
| Examination and Evaluation | <p>Two midterm examinations and one Semester end examination are conducted.</p> <ul style="list-style-type: none"> <li>• Double valuation for all PG Courses.</li> <li>• Revaluation and challenge valuation are allowed.</li> <li>• Photo Copy of the script is provided to the student on demand</li> <li>• Publication of results within one month.</li> <li>• Tatkal system for issue of certificates.</li> <li>• Grievances cell for examinations.</li> <li>• Online publication of results</li> <li>• Enhanced Security features for certificate generation, both online and offline</li> </ul>   |
| Teaching and Learning      | <p>During the academic year 2018-189 the academic schedule and teaching plans are prepared in advance and executed meticulously. The conventional as well as modern teaching methods are adopted by the faculty. Student seminars, assignments, projects, field work and internships are part of the curriculum in majority of the programs. The students are provided with academic guides for interaction beyond classrooms. The advanced learners and research students take partnership in research projects with the faculty members. The meritorious students are recognized and awarded special prizes. The student feedback on performance of teachers is collected and analyzed regularly and based on that measures are taken to improve quality of teaching learning process. The following are the key factors contributing to the effectiveness of teaching-learning and evaluation. ?</p> |

Differential approaches to support slow learners and advanced learners ?  
 Effective implementation of academic schedule and teaching plans ? Focus on experiential learning and participative learning ? Involving experts from industry and other research and academic institutions ? Extensive use of ICT in teaching and learning beyond classrooms ? Prevalence of student centric learning environment ? Mentor and Mentee relationship ? Continuous evaluation process and transparency in evaluation methods ? Student participation in organizing academic programs ? Student seminars, student events and contests, student participation in national level seminars and conferences and competitions to promote creative thinking and desired competencies.

Curriculum Development

- The Board of studies at PG and UG levels are constituted with members from industry, expert faculty and student representatives.
- The feedback collected from students and alumni for curriculum and suggestions were placed in BOS meetings. High Priority is given for employability and value based education.
- Choice Based credit system is initiated in all departments

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

| E-governance area             | Details   |
|-------------------------------|---|
| Planning and Development      | In Progress   |
| Administration                | e-office  |
| Finance and Accounts          | TALLY software is used in the concerned departments and PFMS  |
| Student Admission and Support | Student admission/ counselling are done online. A separate office and a nodal officer are appointed by the authorities for smooth conduct of the admissions. All UG and PG admissions are made online |
| Examination                   | Pre and post examinations are made online. Enhanced security features for original degrees.   |

6.3 – Faculty Empowerment Strategies

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

| Year | Name of Teacher | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|------|-----------------|--|--|-------------------|
|------|-----------------|--|--|-------------------|



|                           |                    |   |   |       |
|---------------------------|--------------------|---|---|-------|
| 2019                      | Prof.<br>K.Rambabu | Advance Course on Perspective into Indian Codes of Practice for Reinforced and Pre-stressed Concrete Structures (InCoRP-2019), CSIR - Structural Engineering Research Centre(SERC), Channai-600 113 | Structural Engineering Research Centre(SERC), Channai | 34500 |
| <a href="#">View File</a> |                    |   |   |       |

6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

| Year                      | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date  | To Date    | Number of participants (Teaching staff) | Number of participants (non-teaching staff) |
|---------------------------|--|---|------------|------------|---|---|
| 2020                      | On-line class work training programme  | E-learning virtual class room training  | 28/05/2020 | 29/05/2020 | 5                                       | Nil   |
| <a href="#">View File</a> |  |   |            |            |   |   |

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

| Title of the professional development programme | Number of teachers who attended | From Date  | To date    | Duration |
|---|---------------------------------|------------|------------|----------|
| Faculty development programme on NAI TALIM      | 3                               | 16/08/2019 | 20/08/2019 | 5        |
| <a href="#">View File</a>                       |                                 |            |            |          |

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

| Teaching  |           | Non-teaching |           |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent    | Full Time |
| 290       | 371       | 1358         | 2497      |

6.3.5 – Welfare schemes for

| Teaching | Non-teaching | Students |
|----------|--------------|----------|
|----------|--------------|----------|



|   |   |  |
|---|---|--|
| Yes. Cooperative societies, health centres, life insurance schemes, staff quarters, leaves, CPF | Yes. Cooperative societies, health centres, life insurance schemes, staff quarters, leaves, CPF | Yes.health,library, sports, e-learning facilites |
|---|---|--|

#### 6.4 – Financial Management and Resource Mobilization

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

A separate Finance officer is appointed to take care of the finances. There are 8 account sections which deal with various aspects of the finance. The finance department and the concerned sections coordinate for getting the accounts audited. The A.G. Audit officials also visit the University and verify the accounts. The suggestions, if any given by them will be followed. There is a yearly audit by the local fund audit department located in the University. In respect of block grant, a quarterly Utilization certification is obtained from them, after auditing relevant records. The University finance department coordinates with the State Audit. In respect of objections, on receiving the information from the audit department, the objections will be sent to the concerned establishments/disbursing officers, with a request to submit the replies.

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

| Name of the non government funding agencies /individuals             | Funds/ Grnats received in Rs. | Purpose  |
|--|-------------------------------|--|
| NSS, Donations, Endow,wnt lectuires, Interest accured, physical dept | 34566628                      | for conducting NSS, Inter university sports, endowment lectures, in AU and affilaited colleges |
| <a href="#">View File</a>  |                               |  |

6.4.3 – Total corpus fund generated

|           |
|-----------|
| 194000000 |
|-----------|

#### 6.5 – Internal Quality Assurance System

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

| Audit Type     | External |         | Internal |                             |
|----------------|----------|---------|----------|-----------------------------|
|                | Yes/No   | Agency  | Yes/No   | Authority                   |
| Academic       | No       | NO      | Yes      | AU Senior Professors        |
| Administrative | Yes      | TUV SUD | Yes      | Internal ISO Auditors of AU |

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

Andhra University encourages its affiliated colleges to go for Autonomy based on their performance. It provides all support to get autonomous status from UGC and other statutory bodies. There are 14 Autonomous colleges associated with Andhra University

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

The parents are periodically apprised about the department activities through students and mails. ? The feedback back from parents various academic and non

academic activities are collected and analyzed. ? The orientation programmes are organized in each college for which the parents are also invited at the starting of the academic year. ? The University believes and maintains a holistic relationship between teachers and parents which can improve the quality of education and it adopts several initiatives in this direction. ? Dial your University programme is organized in the first week of every month with Vice Chancellor, Rector, Registrar and officials of the University in which the parents are interacting and getting the information regarding the University

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

All the Technical, Administrative Supporting staff were given training and awareness on ISO 9001:2015 Certification. ? A few Supporting staff from various departments of the University were identified and given Best Employee Awards during Independence Day celebrations and Republic Day. ? The administration has taken measures to improve the salary of the non teaching staff by changing the eligible non teaching working under daily wage to MMTS scheme

6.5.5 – Post Accreditation initiative(s) (mention at least three)

Andhra University was accredited by NAAC 'A' grade with 3.60/4.00 CGPA in 2016 for a period of Seven years (upto 2023) and AU is continuously striving to achieve and maintain its standards. ? AU has successfully implemented ISO 9001:2015 certification and is one of the first general universities to implement it. ? Started 3 months Certification programmes for Indian Armed personnel on Cyber Security, Fire Safety, Disaster management, Yoga and Consiousness as a part of MoU between AU and DGR, Government of India. ? International students intake has been increased and necessary measures are taken for a comfortable stay and study for the foreign students by eestablishing a separate office for International students. ? Several MoU's have been initiated under Industry academia interaction for the betterment of Students. ? Improved the equipment of existing Health centres and established new health centres for the benefit of AU fraternity with the help of its strong Alumni. ? AU was identified as Category I institute by MHRD, GoI ? AU with its graded autonomy has strengthened its academic relations internationally and nationally. ? Au with its present achievements was shortlisted for Institute of Eminence (IOE) among the top 15 institutes in India. ? AU is participating in all the rankings and is proving its calibre. In NIRF it has improved from 36th rank to 29th rank in OVERALL category.

6.5.6 – Internal Quality Assurance System Details

|  |     |
|--|-----|
| a) Submission of Data for AISHE portal | Yes |
| b) Participation in NIRF               | Yes |
| c) ISO certification                   | Yes |
| d) NBA or any other quality audit      | Yes |

6.5.7 – Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC  | Date of conducting IQAC | Duration From | Duration To | Number of participants |
|------|---|-------------------------|---------------|-------------|------------------------|
| 2020 | ISO 9001:2015 External audit by TUV SUD All the departments of AU and Top | 26/09/2020              | 26/09/2020    | 26/09/2020  | 25                     |

|                           |  |            |            |            |    |
|---------------------------|--|------------|------------|------------|----|
|                           | Management   |            |            |            |    |
| 2020                      | ISO<br>Internal<br>audits<br>schedule and<br>awareness on<br>external ISO<br>audit | 04/09/2020 | 04/09/2020 | 21/09/2020 | 21 |
| <a href="#">View File</a> |  |            |            |            |    |

## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

| Title of the programme   | Period from | Period To  | Number of Participants |      |
|--|-------------|------------|------------------------|------|
|  |             |            | Female                 | Male |
| Implementation Committee of Kishori Vikasam programme  | 10/10/2019  | 12/10/2019 | 1                      | 0    |
| Awareness Programme on "Empowerment of Adolescent girls  | 11/10/2019  | 11/10/2019 | 2                      | 0    |
| Awareness Programme on Child Abuse and Trafficking Issues  | 11/10/2019  | 12/10/2019 | 2                      | 2    |
| Sexual Harassment at workplace Act 2013 & Strategies for their best performance in their professions | 17/10/2019  | 17/10/2019 | 2                      | 0    |
| Round Table Conference on " Shatter the Silence, Stop the violence"                                  | 02/12/2019  | 02/12/2019 | 4                      | 3    |
| 'Right to education & Child rights ' on the occasion of Observance of National Girl Child Day        | 24/01/2020  | 24/01/2020 | 4                      | 3    |

|   |            |            |   |   |
|---|------------|------------|---|---|
| Awareness programme on Adolescent girls Issues in relevance to trafficking  | 26/01/2020 | 26/01/2020 | 2 | 0 |
| Awareness on "Enabling Inclusive Cities for the Homeless Programme" for Homeless people staying in short stay homes | 17/02/2020 | 17/02/2020 | 2 | 0 |
| Awareness programme "Women Empowerment- change is awaited" & Interactive session                                    | 18/02/2020 | 18/02/2020 | 4 | 3 |
| Awareness programme on "Sexual Harassment at workplace  | 25/02/2020 | 25/02/2020 | 0 | 1 |
| Awareness programme on "Anti-social elements with respect to women and child -preventive measures                   | 27/02/2020 | 27/02/2020 | 0 | 1 |
| One day work shop on "Generation Equity   | 07/03/2020 | 07/03/2020 | 4 | 3 |

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

|  |
|--|
| Percentage of power requirement of the University met by the renewable energy sources  |
| Andhra University has Organized several Energy conservation initiatives such as replacing the lamps with CFL bulbs, new wiring wherever there are leaks. Organized programmes for energy conservation by optimal utilization of electrical equipments and amenities. Solar panels are arranged in some departments to get renewable/alternate energy |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities     | Yes/No | Number of beneficiaries |
|---------------------|--------|-------------------------|
| Physical facilities | Yes    | 35                      |
| Provision for lift  | Yes    | 25                      |

|  |     |    |
|--|-----|----|
| Ramp/Rails   | Yes | 25 |
| Braille Software/facilities                              | No  | 0  |
| Rest Rooms   | Yes | 40 |
| Scribes for examination                                  | Yes | 15 |
| Special skill development for differently abled students | Yes | 30 |
| Any other similar facility                               | Yes | 55 |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date       | Duration | Name of initiative      | Issues addressed   | Number of participating students and staff |
|------|--|--|------------|----------|-------------------------|--|--|
| 2019 | 1  | 2  | 11/04/2019 | 1        | General Elections -2019 | The NSS volunteers helped the officials and to the citizens who have come to the polling stations to cast their votes. The volunteers helped the Senior citizens and disabled persons to enter into the polling booths without any difficulties and also | 4475                                       |
| 2019 | 1  | 1  | 15/11/2    | 1        | NSS                     | NSS  | 75   |

|      |   |   |            |   |   |  |    |
|------|---|---|------------|---|---|--|----|
|      |   |   | 019        |   | Cell Unicef-Hyderabad organised a one day Meeting with Principals                 | Cell of Andhra University entered into MoU with UNICEF, Hyderabad implemented a project on "Engagement of Young Volunteers under National Service Scheme in Vizianagaram district for Social and Behaviour Change  |    |
| 2019 | 1 | 3 | 25/10/2019 | 3 | A 3-day Orientation Training Programme for NSS Programme Officers at Vizianagaram | The 3-day sessions which includes adolescent issues such as, child marriage, child trafficking, child abuse, drug addiction, child labour, protection against exploitation, child rights, WASH programme, routine immunization, phosakh abhiyan, gender eq | 92 |

|      |   |   |            |   |   |   |   |
|------|---|---|------------|---|---|---|---|
| 2020 | 1 | 8 | 12/01/2020 | 5 | National Youth Festival, Lucknow(Uttar Pradesh) | The 23rd National Youth Festival was held at Lucknow(Uttar Pradesh) from 12th to 16th January, 2020. One Programme Officer, two male volunteers and two female volunteers participated from Andhra University and exhibited their cultural talents, propa | 5 |
|------|---|---|------------|---|---|---|---|

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

| Title                                | Date of publication | Follow up(max 100 words)   |
|--------------------------------------|---------------------|--|
| Professional Ethics and Human Values | 09/08/2019          | As part of improving Human Values in 2015 the administration has initiated and introduced Professional Ethics and Human Values at UG level as a subject in the curriculum as a credit course having 2 credits. At the end of the semester final exam for 100 marks is conducted. |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity   | Duration From | Duration To | Number of participants |
|--|---------------|-------------|------------------------|
| IDRC in Research Methodology for Science Social Sciences | 19/08/2019    | 01/09/2019  | 47                     |

[View File](#)

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1) Steps were taken to make campus plastic free. The administration has taken strict measures to see that the campus is free of plastic carry bags and plastic cups.

2) Waste water diverted towards plantation

3) All hostels are equipped with eco friendly carry bags

4) All university Canteens are made plastic free i.e no plastic cups and plastic plates are allowed inside the campus

5) Swatchch Bharath is observed in the campus

6) Conducting awareness programmes for university community and society along with NGO's on eco friendly products and processes.

7) Observed World Environment Day

## 7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Design and execution of Quality Management System in the University 2. Formation of multi-disciplinary research teams 3. Certification of ISO 9001:2015 4. Continuation of Market driven and innovative New courses 5. Provision of Health Insurance for Students 6. Modernization of Dr.V.S. Krishna Library 7. Mandated 80 hours sports for students Apart from the above the University has organized several programmes for improving environmental awareness among students and public. The following are some of the initiatives taken by the University for Environmental Protection. • Organized several Energy conservation initiatives such as replacing the lamps with CFL bulbs, new wiring wherever there are leaks. • Organized programmes for energy conservation by optimal utilization of electrical equipments and amenities. • Solar panels are arranged in some departments to get renewable/alternate energy • Organized Blood Donation Camps • Check dams are constructed in some areas to protect ground water and to improve water harvesting. • University Administration has initiated measures and is trying hard to transform into a paperless office. • Mass Plantation programmes, voluntary Blood organization camps, Creating Awareness among students on sensitive and latest issues dynamically are organized in collaboration with voluntary organizations.

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

<https://drive.google.com/file/d/1KErOySIRrTRWhtrDt50SoZJlhF-6Vgyv/view?usp=sharing>

## 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Andhra University is contributing significantly through research in humanities, science and technology, engineering and management. Andhra University has identified the need for world class research and as one of its best practise has formulated multi-disciplinary research teams with the following as the objectives: i) To promote quality research in the University ii) To develop modern research infrastructure in the University iii) To attract projects from funding agencies and industry iv) To develop networking with industry and research organizations to carry out research of National importance v) To promote research culture on multi-disciplinary platform

Provide the weblink of the institution

[www.andhrauniversity.edu.in](http://www.andhrauniversity.edu.in)



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

AS per National Education Policy 2020 and as per the directions of APSCHE, Andhra University has made initiatives to transform itself into MERU. AU is already a multidisciplinary University and has initiated to expand its research with international collaborations. AU plans to implement the suggestions made by NEP 2020 with respect to HEIs and implementation of revised CBCS curriculum. Andhra University is tuned to adopt to changes required which are to be implemented from time to time to perceive the goals and fulfill the objectives. The following are the future plans and initiatives of the University not just to maintain and sustain the existing status but to ensure continuous improvement of the University to stand on par with any other higher education institution in the country. Fostering global competency among students through increasing collaboration with international reputed organization and introducing more twining programmes. Centralized computational laboratories are to be modernized with latest software. Departmental libraries are to be strengthened. Value based education system is reviewed and promoted further. To strengthen its research facilities and promote a healthy research atmosphere. To transform into a paperless office. To improve our international rankings. To strengthen skill development courses with the help of APSSDC. The University always strive to focus the great motto extracted from Upanishads THEJAVINAVADHITAMASTU which means May the Divine light illumine our studies.