



# ANNUAL QUALITY ASSURANCE REPORT (AQAR) 2020-21



Submitted to  
NAAC, Bengaluru

By  
**INTERNAL QUALITY ASSURANCE CELL,  
Anna University, Chennai-600025.**

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Website : <https://www.annauniv.edu/IQAC/>

## **ANNUAL QUALITY ASSURANCE REPORT (AQAR)**

**JULY 2020 – JUNE 2021**

This Annual Quality Assurance Report (AQAR 2020-21) has been prepared by the Internal Quality Assurance Cell (IQAC) of Anna University, for the four campuses, namely; CEG, ACT, SAP and MIT campuses of Anna University, Chennai – 600025. The report relates to the period 1<sup>st</sup> July 2020 – 30<sup>th</sup> June 2021 and has been prepared under the direction of the Vice Chancellor, Anna University, with inputs from various officials of Anna University, in accordance with the Guidelines issued by the National Assessment and Accreditation Council for the submission of AQAR in accredited institutions.

## **FOREWORD**

I am pleased to present the AQAR of Anna University confining to the four campuses of Anna University in Chennai, namely, CEG, MIT, SAP and ACTech, for the year 2020-21 in accordance with the National Assessment and Accreditation Council– An Autonomous Institution of the University Grants Commission, Guidelines, for the submission of Annual Quality Assurance Report (AQAR) in Accredited Institutions. The University has made significant strides in teaching, research and extension activities and has been recommended for Institute of Eminence status by the MHRD-UGC. The AQAR has been duly compiled and reported online.

I thank all the members of the Syndicate and every individual working at Anna University whose contributions have made Anna University to achieve this stature. I look forward for continual co-operation, advice and guidance from all sectors.

**Prof.Dr.R.Velraj**

**Vice-Chancellor**



# **AQAR REPORT REVIEW**

**ANNA UNIVERSITY**

**Aishe id : U-0439**

**Submitted for : 2020-2021**

**Submitted Date : 30/05/2022 02:01 PM**

**Reference AQAR Link : [Click here](#)**

**Over all Comments : The institution's AQAR has been considered.**

**Acceptance date : 31/05/2022**



# YEARLY STATUS REPORT - 2020-2021

## Part A

### Data of the Institution

#### 1.Name of the Institution

Anna University

- Name of the Head of the institution

Prof.R.Velraj

- Designation

Vice Chancellor

- Does the institution function from its own campus?

Yes

- Phone no./Alternate phone no.

04422357005

- Mobile no

9962537765

- Registered e-mail

vc@annauniv.edu

- Alternate e-mail address

registrar@annauniv.edu

- City/Town

Chennai

- State/UT

Tamil Nadu

- Pin Code

600025

#### 2.Institutional status

- University

State

- Type of Institution

Co-education

- Location

Urban

- Name of the IQAC Co-ordinator/Director

Prof.R.Gunasekaran

- Phone no./Alternate phone no **04422358585**
- Mobile **9962690099**
- IQAC e-mail address **iqac@annauniv.edu**
- Alternate Email address **diriqac@annauniv.edu**

**3.Website address (Web link of the AQAR (Previous Academic Year))** [https://www.annauniv.edu/IQAC/AQAR\\_2019\\_20.pdf](https://www.annauniv.edu/IQAC/AQAR_2019_20.pdf)

**4.Whether Academic Calendar prepared during the year?** **Yes**

- if yes, whether it is uploaded in the Institutional website Web link:

### 5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>Five Star</b>	<b>Nil</b>	<b>2002</b>	<b>12/02/2002</b>	<b>11/02/2007</b>
<b>Cycle 2</b>	<b>A</b>	<b>3.46</b>	<b>2014</b>	<b>24/09/2014</b>	<b>23/09/2019</b>

**6.Date of Establishment of IQAC** **30/10/2012**

**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
<b>Details given in Metric 3.1.6</b>	<b>Refer Metric 3.1.6</b>	<b>Refer Metric 3.1.6</b>	<b>Refer Metric 3.1.6</b>	<b>Refer Metric 3.1.6</b>

**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** **27**

- The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. **Yes**

(Please upload, minutes of meetings and action taken report)

- (Please upload, minutes of meetings and action taken report) No File Uploaded

**10. Whether IQAC received funding from any of the funding agency to support its activities during the year?** No

- If yes, mention the amount

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

IQAC of Anna University, since its inception in 2012, has been consistently and actively involved in quality sustenance and enhancement activities, to name a few: • Organizing Quality related Training programmes (8 Webinars - Due to CoViD-19 Pandemic Lockdowns) for teaching and non-teaching staff members. (Refer: <https://www.annauniv.edu/IQAC/IQAC%20Training%20Programmes%202020%-21/>) • Coordination for participation in NIRF Ranking, THE Ranking, and QS Ranking (Refer: [https://www.annauniv.edu/IQAC/Overview/AU\\_AAA&R\\_OVERVIEW.pdf](https://www.annauniv.edu/IQAC/Overview/AU_AAA&R_OVERVIEW.pdf)) • Facilitation for NBA accreditation /approval of the UG/PG programs offered by the University, apart from coordinating the NAAC reaccreditation process. • Conduct monthly internal meetings with IQAC team members and Internal Quality Assurance Council Meeting chaired by Vice-Chancellor. Refer: <https://www.annauniv.edu/IQAC/IQAC%20Internal%20Meeting%20Minutes%20July%202020%20to%20March%202021.pdf>, [https://www.annauniv.edu/IQAC/7th\\_IQAC\\_EC\\_Meeting\\_Minutes.pdf](https://www.annauniv.edu/IQAC/7th_IQAC_EC_Meeting_Minutes.pdf)) • Setting /Updating the Benchmarks for the University under the various criteria of NAAC. Reference: [https://www.annauniv.edu/IQAC/7th\\_IQAC\\_EC\\_Meeting\\_Minutes.pdf#page=22](https://www.annauniv.edu/IQAC/7th_IQAC_EC_Meeting_Minutes.pdf#page=22)

**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
<p data-bbox="113 237 746 353">Actions taken for Strengthening IQAC infrastructure and Manpower:</p>	<p data-bbox="799 237 1452 1272">Actions taken for Strengthening IQAC infrastructure and manpower were informed to the members and ratified. The actions included the shifting of the IQAC office from Administrative Building to CPDE building - First Floor with effect from 12.7.2021. The current infrastructure includes the facilities such as Office Room, D-IQAC cabin, DD-IQAC cabin, Conference Room and Notice Boards. This enabled smooth functioning of various activities such as uploading of data for accreditation / ranking / approval, etc. and for conducting discussions / meetings / seminars with stakeholders. The facilities in the current IQAC office premises may be enhance with necessary additional space, manpower and equipment to expand the IQAC activities.</p> <p data-bbox="799 1285 1452 2063">Prof.Dr.T.Thyagarajan, Department of Instrumentation Engineering, MIT Campus served as Director IQAC till 10th Jan 2019 and Prof.Dr.Kurian Joseph, Centre for Environmental Studies, Department of Civil Engineering is currently the Director, since 10th January 2019. IQAC activities at Department level were strengthened by appointing Department level IQAC Coordinators. The details of current members in IQAC Team are presented in Annexure-III. The day to day activities of the IQAC are carried out based on regular meeting of the Core Team</p>



of IQAC consisting of Director, IQAC, Deputy Director, IQAC and Campus Coordinators of CEG, AC Tech, SAP and. MIT campus. The members of IQAC meet periodically to carry out the IQAC activities. The agenda of the meetings involve as the following: NAAC Reaccreditation, discussion of purchase, preparation of AQAR, quality sustenance activities, dissemination of information pertaining to IQAC, preparation for the conduct of training programmes, etc. The IQAC website contains basic information about IQAC, its members, and functions, activities, all the AQAR submitted, Reports of activities, formats for feedback from Stakeholders and it is periodically updated to reflect the ongoing activities of the IQAC. The minutes of the IQAC internal meetings are available in the IQAC website. A road map is drawn up at the beginning of the academic year, to carry out the IQAC activities in a timely and appropriate manner.

Mr.V.Selvaraju, Assistant was transferred to IQAC by the University on 01.12.2020 to support the IQAC Office. The esteemed members of IQAC council were informed about the following actions pertaining to appointment of Professional Assistants to support IQAC activities and the actions are ratified by the Council. The appointment tenure of Ms.Nivedha, Professional Assistant - II ended on 30.6.2019 and hence her services

were terminated. In lieu of the quantum of work pertaining to various quality related activities of IQAC, it was decided that the services of Professional Assistant - I (2 persons) were required and hence, VC approval was obtained to appoint two staff members at the level of Professional Assistant- I for executing the following activities: • Uploading of documents in IQAC website through RCC as and when required • Updating the website periodically • Online registration in NAAC website and uploading of SSR and related documents for NAAC re-accreditation • Online registration for AQAR submission and uploading of AQAR along with related documents • Administrative work pertaining to IQAC office maintenance • Preparation of Text documents, Powerpoint presentations and Spreadsheets, scanning, photocopying, file conversion to pdf for uploading, etc. • Maintenance of registers (sanction register, appropriation register, cash register, stock register and cheque register) pertaining to budget utilization • Drafting letters and reports • Communicating the circulars (hard copies / soft copies) to the Anna University officials through tapal /email. • File maintenance, stock maintenance, binding booklets,etc. Accordingly, the interview for Professional Assistant - I was conducted on 01.07.2019.

Mr.G.Vijay Sankar and Mr.P.Parthiban were appointed as Professional Assistant - I with a daily wages of Rs.736/day. Mr. Vijay Shankar joined duty on 11.07.2019 and Mr. Parthipan joined duty on 22.08.2019. Mr.Parthipan requested for relief and hence was relieved from his post on 03.02.2020. Mr.Yogendren was selected from the waiting list of the interview conducted on 29.01.2020 and he joined duty on 19.02.2020. Mr. Vijay Sankar and Mr. Yogendren are continuing their services in IQAC as on 18.11.2021.

**Actions taken for NAAC Reaccreditation:**

The actions taken by IQAC for NAAC Reaccreditation were informed and the members ratified the same. As the NAAC Accreditation (Cycle 2) validity was till 24 September 2019, IQAC initiated and coordinated the NAAC Reaccreditation (Cycle 3) in March 2019. A core committee was formed to steer the different activities through subcommittees and criteria leaders. Campus level NAAC Coordinators, Campus level IQAC Coordinators, Department level IQAC Coordinators and Department level NAAC Coordinators facilitated the data collection and evaluation. Criteria wise teams were formed to verify and validate the responses and evidences. Several meetings were conducted to review and refine the data. IQAC coordinated the preparation and submission of SSR, response to DVV, follow up on Student Satisfaction Survey.

The DVV evaluation of SSR covering the quantitative data (75% of the marks) is done based on the documentary evidences uploaded, as there were ambiguities/missing evidences/improper format, etc., several docs were not considered as per NAAC SOP. Further Pro-rata marking was done based on the correctness of the docs presented for the samples chosen by the DVV team for each criterion. There was no provision for interacting with the DVV team and giving clarifications for their queries. As the DVV Process was not completed the Reaccreditation Process was started again in July 2020. The SSR submission for NAAC Reaccreditation was done on 03.12.2020. After the DVV clarification process the SSR was prequalified on 13 April 2021 for Peer Team visit. Internal and External Mock inspections were done in preparations to the Peer Team Visit. Based on the feedback of the External mock Team expert visits during 07-09 September 2021, it was decided by the University to improve the data and resubmit the SSR to achieve highest grade, considering the difficulties encountered in the data compilation during the Covid 19 Pandemic.

Actions taken for enhancement of Outcome Based Education and NBA Accreditation activities:

The actions taken by IQAC enhance the Practice of Outcome Based Education (OBE) and NBA Accreditation were presented and the members ratified the

actions. A Programme on "NBA Accreditation - Dissemination of Good Practices, Tools and Processes to Assess Attainment of Course Outcome and Programme Outcome" was conducted for HODs and NBA coordinators, 13th March 2019. As a follow up activity, a University level committee was setup to discuss and recommend actions to institutionalize the OBE Practices. Based on the deliberations of the NBA Committee and the Chairpersons the following actions were implemented to institutionalize the OBE Practices.

7.3.4.1 Revision of the Question paper format mandating mapping of each question about relevant CO and guidelines on the percentage of questions under different learning levels

7.3.4.2 Revision of the Student Attendance and Assessment Record Format to incorporate core elements of OBE.

Actions taken for NBA accreditation:

IQAC initiated sending circulars to the Deans of various campuses through Registrar to collect information regarding current status of NBA Accreditation of various UG/ PG Programmes offered by various Departments in the four campuses. Based on the comprehensive information collected, the Departments which are eligible to apply for accreditation were identified. The concerned Deans were requested to take immediate necessary steps to apply for NBA Accreditation. Several meeting were conducted to prepare for the NBA Accreditation

	<p>applications. NBA accreditation applications and eSAR were prepared and submitted for NBA Accreditation of the following Programmes and the NBA Team visit is awaited.</p> <ul style="list-style-type: none"> <li>• B.E. Civil Engineering</li> <li>• B.E. Electrical and Electronics Engineering</li> <li>• B.E. Electronics and Communication Engineering</li> <li>• B.E. Computer Science and Engineering</li> <li>• B.Tech. Information Technology</li> <li>• B.E. Mechanical Engineering</li> <li>• B.E. Production Engineering</li> <li>• B.Tech Rubber and Plastics Technology</li> <li>• B.Tech. Petroleum Engineering and Technology</li> <li>• B.Tech. Chemical Engineering</li> <li>• B.Tech Leather Technology</li> <li>• B. Tech. Textile Technology</li> </ul>
<p>the Budget Estimates (BE) and Revised Budget Estimates (RE) for FY 2020-21 and 2021-22:</p>	<p>The Budget Estimate (BE) and the Revised Estimate (RE) for the financial years 2018-19, 2019-20, 2020-21 and 2021-22 (Annexure-III) were informed and ratified by the IQAC Council members.</p>
<p>Purchase of items during the period :</p>	<p>The IQAC Council members ratified the purchase of non-consumable items (during the period 30.9.2018 to 17.11.2021) are given :</p> <ul style="list-style-type: none"> <li>Seagate Backup 1TB(1Nos), APC UPS BR-1100 (3Nos), Canon Printer MF643CDWb (1Nos), Beetel M51 Landline Phone (1Nos), Logitech Stereo Headphone (3Nos), Logitech Webcam (3Nos), Cushion Chair R Type (4Nos), Magazine Display Rack (10 Nos), .</li> </ul>
<p>Statement of Expenditure for FY 2018-19, 2019-20 and 2020-21:</p>	<p>The statement of expenditure incurred under the various Heads of IQAC account during the financial years FY 2020-21.</p>

	Details arer shown in Website: <a href="http://10.11.104.170/Annual%20Budget/">http://10.11.104.170/Annual%20Budget/</a> (In Intranet) ---
National and International Ranking and Recognition of University:	<a href="https://www.annauniv.edu/IQAC/certificate.php">https://www.annauniv.edu/IQAC/certificate.php</a>
AQAR Submission:	AQAR 2019-20 submitted.
Training programmes conducted:	<p>The details of the Training programmes/Seminars/Workshops conducted by IQAC is presented here for the information to the IQAC Council members. 1 Webinar on "ICT Resources and Tools for enhancing Teaching Learning Process" for the benefit of the faculty members of Anna University - University Departments, on 4th Feb 2021 through online mode using MS TEAMS virtual platform. 2 Webinar on "Enhancing Research Excellence" for the benefit of the faculty members of Anna University - University Departments, on 11th Feb 2021 through online mode using MS TEAMS virtual platform. 3 Webinar on "Strengthening Student Support Framework in Anna University" for the benefit of the faculty members of Anna University - University Departments, on 18th Feb 2021 through online mode using MS TEAMS virtual platform. 4 Webinar on "SDG Research Impact: 5 ways to improve research visibility" for the benefit of the faculty members of Anna University - University Departments, on 25th Feb 2021 through online mode using MS TEAMS virtual platform. 5 Webinar on "Innovation and</p>

	<p>Entrepreneurship Ecosystem: The way forward" for the benefit of the faculty members of Anna University - University Departments, on 4th March 2021 through online mode using MS TEAMS virtual platform. 6 Webinar on "Human values based mentoring of students" for the benefit of the faculty members of Anna University - University Departments, on 12th March 2021 through online mode using MS TEAMS virtual platform. 7 Webinar on "Outcome based Education-best practices" for the benefit of the faculty members of Anna University - University Departments, on 18th March 2021 through online mode using MS TEAMS virtual platform. 8 Webinar on "Documentation requirements for Quality Assurance" for the benefit of the faculty members of Anna University - University Departments, on 25th March 2021 through online mode using MS TEAMS virtual platform.</p>
<p>Quality Related Programmes Attended by IQAC Team members:</p>	<p>Due to CoViD-19 Pandemic Lockdowns, No progress.</p>
<p>Facilitation for obtaining feedback from stakeholders:</p>	<p>IQAC facilitated the conduct of Exit survey to get feedback of the passing out students as part of the indirect assessment of the Attainment of POs and PSOs and other aspects of the programme. The Programme wise feed backs received were shared to the respective HODs for analysis and action taken report. Details of the same are presented in IQAC Website.</p>
<p>Coordination of Policy</p>	<p>IQAC coordinated with the</p>



formulating and drafting:

Director, Planning and Development in the drafting of the following Institutional Policies. All these Policies are uploaded in the University website. 1.Green Campus Policy 2.Environment and Energy Policy 3.e-Governance Policy 4. Information Technology(IT)Policy 5. Gender and Social Non Discrimination policy 6. Gender Empowerment and Social equity Policy 7. Policy on Scholarships and Freeships 8. Faculty Incentive policy 9.Resource Mobilisation and Funding Policy 10.Grievance Redressal Policy

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

- Name of the statutory body

Name	Date of meeting(s)
Anna University Syndicate Council	28/02/2022

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

**15.Whether institutional data submitted to AISHE**

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	<b>Anna University</b>
• Name of the Head of the institution	<b>Prof.R.Velraj</b>
• Designation	<b>Vice Chancellor</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone no./Alternate phone no.	<b>04422357005</b>
• Mobile no	<b>9962537765</b>
• Registered e-mail	<b>vc@annauniv.edu</b>
• Alternate e-mail address	<b>registrar@annauniv.edu</b>
• City/Town	<b>Chennai</b>
• State/UT	<b>Tamil Nadu</b>
• Pin Code	<b>600025</b>
<b>2.Institutional status</b>	
• University	<b>State</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Urban</b>
• Name of the IQAC Co-ordinator/Director	<b>Prof .R.Gunasekaran</b>
• Phone no./Alternate phone no	<b>04422358585</b>
• Mobile	<b>9962690099</b>
• IQAC e-mail address	<b>iqac@annauniv.edu</b>

• Alternate Email address	<a href="mailto:diriqac@annauniv.edu">diriqac@annauniv.edu</a>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://www.annauniv.edu/IQAC/AQAR_2019_20.pdf">https://www.annauniv.edu/IQAC/AQAR_2019_20.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:					
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	Five Star	Nil	2002	12/02/2002	11/02/2007
Cycle 2	A	3.46	2014	24/09/2014	23/09/2019
<b>6.Date of Establishment of IQAC</b>			30/10/2012		
<b>7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.</b>					
Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount	
Details given in Metric 3.1.6	Refer Metric 3.1.6	Refer Metric 3.1.6	Refer Metric 3.1.6	Refer Metric 3.1.6	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>	Yes				
• Upload latest notification of formation of IQAC	<a href="#">View File</a>				
<b>9.No. of IQAC meetings held during the year</b>	27				
• 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				

<ul style="list-style-type: none"> <li>(Please upload, minutes of meetings and action taken report)</li> </ul>	No File Uploaded	
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<p>IQAC of Anna University, since its inception in 2012, has been consistently and actively involved in quality sustenance and enhancement activities, to name a few:</p> <ul style="list-style-type: none"> <li>Organizing Quality related Training programmes (8 Webinars - Due to CoViD-19 Pandemic Lockdowns) for teaching and non-teaching staff members. (Refer: <a href="https://www.annauniv.edu/IQAC/IQAC%20Training%20Programmes%202020%-21/">https://www.annauniv.edu/IQAC/IQAC%20Training%20Programmes%202020%-21/</a>)</li> <li>Coordination for participation in NIRF Ranking, THE Ranking, and QS Ranking (Refer: <a href="https://www.annauniv.edu/IQAC/Overview/AU_AAA&amp;R_OVERVIEW.pdf">https://www.annauniv.edu/IQAC/Overview/AU_AAA&amp;R_OVERVIEW.pdf</a>)</li> <li>Facilitation for NBA accreditation /approval of the UG/PG programs offered by the University, apart from coordinating the NAAC reaccreditation process.</li> <li>Conduct monthly internal meetings with IQAC team members and Internal Quality Assurance Council Meeting chaired by Vice-Chancellor. Refer: <a href="https://www.annauniv.edu/IQAC/IQAC%20Internal%20Meeting%20Minutes%20July%202020%20to%20March%202021.pdf">https://www.annauniv.edu/IQAC/IQAC%20Internal%20Meeting%20Minutes%20July%202020%20to%20March%202021.pdf</a>, <a href="https://www.annauniv.edu/IQAC/7th_IQAC_EC_Meeting_Minutes.pdf">https://www.annauniv.edu/IQAC/7th_IQAC_EC_Meeting_Minutes.pdf</a>)</li> <li>Setting /Updating the Benchmarks for the University under the various criteria of NAAC. Reference: <a href="https://www.annauniv.edu/IQAC/7th_IQAC_EC_Meeting_Minutes.pdf#page=22">https://www.annauniv.edu/IQAC/7th_IQAC_EC_Meeting_Minutes.pdf#page=22</a></li> </ul>		
<b>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</b>		

Plan of Action	Achievements/Outcomes
<p>Actions taken for Strengthening IQAC infrastructure and Manpower:</p>	<p>Actions taken for Strengthening IQAC infrastructure and manpower were informed to the members and ratified. The actions included the shifting of the IQAC office from Administrative Building to CPDE building - First Floor with effect from 12.7.2021. The current infrastructure includes the facilities such as Office Room, D-IQAC cabin, DD-IQAC cabin, Conference Room and Notice Boards. This enabled smooth functioning of various activities such as uploading of data for accreditation / ranking / approval, etc. and for conducting discussions / meetings / seminars with stakeholders. The facilities in the current IQAC office premises may be enhance with necessary additional space, manpower and equipment to expand the IQAC activities.</p> <p>Prof.Dr.T.Thyagarajan, Department of Instrumentation Engineering, MIT Campus served as Director IQAC till 10th Jan 2019 and Prof.Dr.Kurian Joseph, Centre for Environmental Studies, Department of Civil Engineering is currently the Director, since 10th January 2019. IQAC activities at Department level were strengthened by appointing Department level IQAC Coordinators. The details of current members in IQAC Team are presented in Annexure-III. The day to day activities of the IQAC are carried out based</p>

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appointment tenure of Ms.Nivedha, Professional Assistant - II ended on 30.6.2019 and hence her services were terminated. In lieu of the quantum of work pertaining to various quality related activities of IQAC, it was decided that the services of Professional Assistant - I (2 persons) were required and hence, VC approval was obtained to appoint two staff members at the level of Professional Assistant- I for executing the following activities:

- Uploading of documents in IQAC website through RCC as and when required
- Updating the website periodically
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- Online registration for AQAR submission and uploading of AQAR along with related documents
- Administrative work pertaining to IQAC office maintenance
- Preparation of Text documents, Powerpoint presentations and Spreadsheets, scanning, photocopying, file conversion to pdf for uploading, etc.
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**Actions taken for NAAC Reaccreditation:**

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IQAC coordinated the preparation and submission of SSR, response to DVV, follow up on Student Satisfaction Survey.

The DVV evaluation of SSR covering the quantitative data (75% of the marks) is done based on the documentary evidences uploaded, as there were ambiguities/missing evidences/improper format, etc., several docs were not considered as per NAAC SOP. Further Pro-rata marking was done based on the correctness of the docs presented for the samples chosen by the DVV team for each criterion. There was no provision for interacting with the DVV team and giving clarifications for their queries. As the DVV Process was not completed the

Reaccreditation Process was started again in July 2020. The

SSR submission for NAAC Reaccreditation was done on 03.12.2020. After the DVV clarification process the SSR was prequalified on 13 April 2021 for Peer Team visit.

Internal and External Mock inspections were done in preparations to the Peer Team Visit. Based on the feedback of the External mock Team expert visits during 07-09 September 2021, it was decided by the University to improve the data and resubmit the SSR to achieve highest grade, considering the difficulties encountered in the data compilation during the

## Covid 19 Pandemic.

Actions taken for enhancement of Outcome Based Education and NBA Accreditation activities:

The actions taken by IQAC enhance the Practice of Outcome Based Education (OBE) and NBA Accreditation were presented and the members ratified the actions. A Programme on "NBA Accreditation - Dissemination of Good Practices, Tools and Processes to Assess Attainment of Course Outcome and Programme Outcome" was conducted for HODs and NBA coordinators, 13th March 2019. As a follow up activity, a University level committee was setup to discuss and recommend actions to institutionalize the OBE Practices. Based on the deliberations of the NBA Committee and the Chairpersons the following actions were implemented to institutionalize the OBE Practices.

7.3.4.1 Revision of the Question paper format mandating mapping of each question about relevant CO and guidelines on the percentage of questions under different learning levels

7.3.4.2 Revision of the Student Attendance and Assessment Record Format to incorporate core elements of OBE.

Actions taken for NBA accreditation:

IQAC initiated sending circulars to the Deans of various campuses through Registrar to collect information regarding current status of NBA Accreditation of various UG/ PG Programmes offered by various Departments in the four campuses. Based on the comprehensive information

	<p>collected, the Departments which are eligible to apply for accreditation were identified. The concerned Deans were requested to take immediate necessary steps to apply for NBA Accreditation. Several meeting were conducted to prepare for the NBA Accreditation applications. NBA accreditation applications and eSAR were prepared and submitted for NBA Accreditation of the following Programmes and the NBA Team visit is awaited.</p> <ul style="list-style-type: none"> <li>• B.E. Civil Engineering • B.E. Electrical and Electronics Engineering • B.E. Electronics and Communication Engineering • B.E. Computer Science and Engineering • B.Tech. Information Technology • B.E. Mechanical Engineering • B.E. Production Engineering • B.Tech Rubber and Plastics Technology</li> <li>• B.Tech. Petroleum Engineering and Technology • B.Tech. Chemical Engineering • B.Tech. Leather Technology • B. Tech. Textile Technology</li> </ul>
<p>the Budget Estimates (BE) and Revised Budget Estimates (RE) for FY 2020-21 and 2021-22:</p>	<p>The Budget Estimate (BE) and the Revised Estimate (RE) for the financial years 2018-19, 2019-20, 2020-21 and 2021-22 (Annexure-III) were informed and ratified by the IQAC Council members.</p>
<p>Purchase of items during the period :</p>	<p>The IQAC Council members ratified the purchase of non-consumable items (during the period 30.9.2018 to 17.11.2021) are given : Seagate Backup 1TB(1Nos), APC UPS BR-1100 (3Nos), Canon Printer MF643CDWb</p>

	(1Nos), Beetel M51 Landline Phone (1Nos), Logitech Stereo Headphone (3Nos, Logitech Webcam (3Nos), Cushion Chair R Type (4Nos), Magazine Display Rack (10 Nos), .
Statement of Expenditure for FY 2018-19, 2019-20 and 2020-21:	The statement of expenditure incurred under the various Heads of IQAC account during the financial years FY 2020-21. Details arer shown in Website: <a href="http://10.11.104.170/Annual%20Budget/">http://10.11.104.170/Annual%20Budget/</a> (In Intranet) ---
National and International Ranking and Recognition of University:	<a href="https://www.annauniv.edu/IQAC/certificate.php">https://www.annauniv.edu/IQAC/certificate.php</a>
AQAR Submission:	AQAR 2019-20 submitted.
Training programmes conducted:	The details of the Training programmes/Seminars/Workshops conducted by IQAC is presented here for the information to the IQAC Council members. 1 Webinar on "ICT Resources and Tools for enhancing Teaching Learning Process" for the benefit of the faculty members of Anna University - University Departments, on 4th Feb 2021 through online mode using MS TEAMS virtual platform. 2 Webinar on "Enhancing Research Excellence" for the benefit of the faculty members of Anna University - University Departments, on 11th Feb 2021 through online mode using MS TEAMS virtual platform. 3 Webinar on "Strengthening Student Support Framework in Anna University" for the benefit of the faculty members of Anna University - University Departments, on 18th Feb 2021

through online mode using MS TEAMS virtual platform. 4 Webinar on "SDG Research Impact: 5 ways to improve research visibility" for the benefit of the faculty members of Anna University - University Departments, on 25th Feb 2021 through online mode using MS TEAMS virtual platform. 5 Webinar on "Innovation and Entrepreneurship Ecosystem: The way forward" for the benefit of the faculty members of Anna University - University Departments, on 4th March 2021 through online mode using MS TEAMS virtual platform. 6 Webinar on "Human values based mentoring of students" for the benefit of the faculty members of Anna University - University Departments, on 12th March 2021 through online mode using MS TEAMS virtual platform. 7 Webinar on "Outcome based Education-best practices" for the benefit of the faculty members of Anna University - University Departments, on 18th March 2021 through online mode using MS TEAMS virtual platform. 8 Webinar on "Documentation requirements for Quality Assurance" for the benefit of the faculty members of Anna University - University Departments, on 25th March 2021 through online mode using MS TEAMS virtual platform.

Quality Related Programmes Attended by IQAC Team members:

Due to CoViD-19 Pandemic Lockdowns, No progress.

Facilitation for obtaining feedback from stakeholders:

IQAC facilitated the conduct of Exit survey to get feedback of

	<p>the passing out students as part of the indirect assessment of the Attainment of POs and PSOs and other aspects of the programme. The Programme wise feed backs received were shared to the respective HODs for analysis and action taken report. Details of the same are presented in IQAC Website.</p>
<p>Coordination of Policy formulating and drafting:</p>	<p>IQAC coordinated with the Director, Planning and Development in the drafting of the following Institutional Policies. All these Policies are uploaded in the University website. 1.Green Campus Policy 2.Environment and Energy Policy 3.e-Governance Policy 4. Information Technology(IT)Policy 5. Gender and Social Non Discrimination policy 6. Gender Empowerment and Social equity Policy 7. Policy on Scholarships and Freeships 8. Faculty Incentive policy 9.Resource Mobilisation and Funding Policy 10.Grievance Redressal Policy</p>
<p><b>13.Whether the AQAR was placed before statutory body?</b></p>	<p>Yes</p>
<p>• Name of the statutory body</p>	
<p>Name</p>	<p>Date of meeting(s)</p>
<p>Anna University Syndicate Council</p>	<p>28/02/2022</p>
<p><b>14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?</b></p>	<p>No</p>

<b>15.Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2020-21	30/01/2022
<b>16.Multidisciplinary / interdisciplinary</b>	
<b>17.Academic bank of credits (ABC):</b>	
<b>18.Skill development:</b>	
<b>19.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)</b>	
<b>20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):</b>	
<b>21.Distance education/online education:</b>	
<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of programmes offered during the year:	114
1.2 Number of departments offering academic programmes	34
<b>2.Student</b>	
2.1 Number of students during the year	13998
2.2 Number of outgoing / final year students during the year:	4565

2.3	13701
Number of students appeared in the University examination during the year	
2.4	129
Number of revaluation applications during the year	
<b>3.Academic</b>	
3.1	7645
Number of courses in all Programmes during the year	
3.2	950
Number of full time teachers during the year	
3.3	852
Number of sanctioned posts during the year	
<b>4.Institution</b>	
4.1	112936
Number of eligible applications received for admissions to all the Programmes during the year	
4.2	3150
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
4.3	374
Total number of classrooms and seminar halls	
4.4	2985
Total number of computers in the campus for academic purpose	
4.5	22004
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

Anna University offers a flexible Choice Based Credit System (CBCS) with an enormous diversity in the curricula leading to innovation in the application of Engineering and Technology. The emphasis is on outcome-based courses with clearly defined objectives. The curricula and syllabi are revised every four years for both the Undergraduate and Postgraduate courses with experts from academia, industry, and alumni according to the institutional goals and objectives. While revising the syllabus, more focus is given on enhancing Employability / Entrepreneurship / Skill development and this is done, keeping in view the cutting edge technologies, emerging areas in engineering and technology, and promoting inter-disciplinary culture.

In order to promote multidisciplinary projects in diverse environments, Open Elective courses are being offered as part of the curriculum. Students have the flexibility to choose courses offered by other Departments. As part of the Employability Enhancement courses (EEC) , students are pursuing internship/industrial Training /Summer projects globally so as to achieve a high degree of professionalism. Various student exchange programs with international universities are also being offered as a continuous process through which students are able to compete in the global market.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

1

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 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

655

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 1.2 - Academic Flexibility

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

22

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

114

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 1.3 - Curriculum Enrichment

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

Cross-cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics is incorporated into the curriculum across all disciplines in undergraduate programs through specific courses like Environmental Science and Engineering, Engineering Ethics, Human Values and Human Rights. The course Environmental Science and Engineering which is a core subject across all disciplines of Undergraduate programmes aims to make the student appreciate the ecosystem and

biodiversity, study the use and exploitation of natural resources and the resulting depletion and pollution to the environment.

The course makes the students aware of the various environmental acts and legislation to protect nature. The course Human rights expose the students to the origin and evolution of various civil, political, economic, social and cultural, moral and legal rights and gives the students an overview of the various laws enacted in the international level and the national level for the rights of all sections of people including women, children, differently-abled, aged and diseased people. A Mandatory Two Week Induction Programme is conducted for the First years prior to their academic schedule so as to inculcate learning through a variety of activities such as physical activity, creative arts, universal human values, proficiency modules, lectures by eminent people etc.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	<a href="#">View File</a>

### 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

0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	<a href="#">View File</a>

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

776

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 1.4 - Feedback System

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

- All 4 of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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	<a href="#">View File</a>

## 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

4565

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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

2783

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

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

### Special programmes for slow learners:

- Anna university Regulations permit slow learners to drop two courses in each semester and get an additional one year for completing the program with the First class.
- The induction program as per AICTE guidelines is introduced in the year 2018 and the first-year students are assessed for their proficiency in English and given English proficiency classes as per their needs during the induction program.
- The SC/ST cell of the University organizes special classes for the subjects where more failures were observed such as first-year mathematics, engineering mechanics, drawing, etc.,
- Bridge courses are also conducted in physics, chemistry, and mathematics, with an aim to refresh students' fundamentals and to bring all students to the same level.
- Remedial coaching in mathematics and English and Remedial classes for specific analytical subjects are conducted at the Department level for the needy students identified through unit-level tests.

### Special Programmes for Advanced learners:

- Anna university Regulations permit advanced learners to register for two additional courses in each semester so that they can complete the course requirements early and use the pre-final semester for industrial internship
- Advanced learners are encouraged to register and earn additional credits for Value added courses and Online courses
- Special coaching classes are conducted by institute and alumni for Indian Engineering Service (IES) and Gate

**coaching classes.**

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link For Additional Information	<a href="https://cac.annauniv.edu/PhpProject1/udregulations/00.%20UG%20Reg%202019.pdf">https://cac.annauniv.edu/PhpProject1/udregulations/00.%20UG%20Reg%202019.pdf</a>

**2.2.2 - Student - Full time teacher ratio during the year**

Number of Students	Number of Teachers
13998	950

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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

Anna University imparts research-oriented engineering education and therefore it is critical of rote learning and places emphasis on originality. Hence it makes every effort, including bridge courses, problem-solving tutorials, special classes to strengthen the basics in foundation mathematics, physics and chemistry etc to equip its engineering entrants to professional education demanding application of theory, problem-solving and analytical skills. The following efforts are made throughout the courses across all programmes in enhancing learning experiences to bring out originality and boost confidence in practicing engineering. (Refer Website

[http://cac.annauniv.edu/PhpProject1/uddetails/ud\\_ug\\_cands\\_2019.html](http://cac.annauniv.edu/PhpProject1/uddetails/ud_ug_cands_2019.html) for the learning methodologies mentioned in Points 1 -8)

1. Theory integrated with laboratory component in critical and advanced subjects
2. Tutorials-integrated theory courses to practice problem-solving
3. Activity or demonstration based learning
4. Design based laboratory courses (e.g. Instrumentation System Design laboratory)

5. Projects requiring students to think and develop
6. Group discussions and group learning
7. Participation in the conduct of workshops, seminars
8. Internships and in-plant training
9. Even semesters are earmarked for a number of nationally and internationally reputed mega engineering and technology events conceived and conducted by the students
10. Facilitation of participation in national and international student competitions facilitating
11. Hands-on training through Professional Software Training
12. Self-study courses in research programmes
13. Revised question paper pattern mandates part C (weightage 15 marks) with compulsory question on application/design/analysis/evaluation /creativity/case-study in the subject domain ( Refer [https://acoe.annauniv.edu/Home/download\\_form](https://acoe.annauniv.edu/Home/download_form) - UG IQAC Prescribed Question Paper Format for R2019 )

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

Faculty members of Anna University use Information and Communication Technologies (ICT) including online resources effectively for supporting the Teaching-Learning process. They help to deliver material to the students, administer tests and other assignments, track student progress and manage record-keeping. Depending on the course structure, different forms of digital learning platforms are being used. Mostly used Learning Management Systems (LMS) are based on Moodle and Google Classrooms. Some Departments have installed Moodle internally for learning activities. Resources available in online platforms such as NPTEL and SWAYAM are also used.

Weekly or topic wise organization, based on theory or lab courses, is adopted In Anna University for scheduling the lectures. The weekly lecture materials are provided either before or after the actual lecture to students. In addition, some staff members share their video lectures for the benefit of students. Online assignments are being requested by students instead of hand-written assignments. This has advantages of setting and tracking the date and time for submission leaving no room for a late submission. It also eliminates the physical presence of the

teacher during the submission deadline. Moreover, once the assignment is submitted, the course instructor grades and the feedback is visible immediately to the students. The attendance component in LMS offers a systematic way of marking the student's presence in the classroom as the capturing of their presence is done automatically. LMS offers features of question bank and quiz.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

372

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

950

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

564

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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



**2.4.3.1 - Total experience of full-time teachers**

12206

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

14

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**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**

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**

78

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

129

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

The evaluation of teaching-learning process is facilitated through department Multiple Courses Committee (MCC) Meetings, Department Consultative Committee (DCC) meetings, structured assessment tests, end semester examinations, online Student Feedback and Academic Audit. Some of the important features of the evaluation reforms in examination procedures are:

- Revision in the question paper with Three parts pattern instead of the two parts pattern used in the previous regulations. The overall understanding of the subject can be evaluated through the questions asked in Part C.
- Secure Online Question paper delivery system (SOQPDS)
- Bar Coding of Answer books
- Intranet based online Academic Record Maintenance System (ARMS) and Student Examination Management Systems (SEMS) are used for updating the attendance of the students and for tracking the performance of the students in the assessment tests and examinations. This enables quick dissemination of information to all stakeholders including Vice Chancellor, Registrar, Deans of Campuses, Head of Departments, Chairpersons of Class Committees, Officials at the Placement Cell, Faculty members, Students and Parents depending on the associated role-based security.
- Revaluation of answer scripts can be done if opted by a student. Since Nov 2018, Open-day Revaluation system is carried out in presence of the students by a duly appointed examiner along with a committee of experts. This system helps the students to get their doubts clarified regarding the correct evaluation of their papers.
- These measures have enhanced the continuous assessment and examination management in terms of Transparency and quick communications to All stake holders.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 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

Anna University has taken sustained efforts for institutionalizing an outcome-based education programme and enhancing employability of graduates through curriculum reform based on a learning outcomes-based curriculum framework, improving/upgrading academic resources and learning environment including the quality of teaching. The graduate attributes as defined by NBA are adapted and reflect disciplinary knowledge and understanding, generic skills, including global competencies that all students in different academic fields of study should attain and demonstrate. It is ensured that graduates of all the UG and PG Programmes acquire the necessary skills and competencies that build the foundations for lifelong learning, including, critical, analytical, problem-solving and communication skills, as well as the ability to deal with change and diversity, in particular, the tolerance of different views and ideas.

The Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) are stated in the respective curriculum and syllabi published for all the UG and PG Programmes offered by Anna University and the same is available in the Academic Courses Website of the University. (cac.annauniv.edu). These Learning outcomes specify what graduates completing a particular programme of study are expected to know, understand and be able to do at the end of their programme of study. Every Course Outcome (COs) states what a student should be able to demonstrate upon completion of a course. They are expressed in terms of assessable and measurable knowledge, skills, abilities or attitudes that students attain by the end of the course.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

The quality of technical education imparted is assessed rigorously by reviewing Course Outcomes, Programme Outcomes and Programme Specific Outcomes attainment of various courses pertaining to a specific programme. The metric of attaining PO and PSO are computed using mapping as formulated in the curriculum. The POs of the programmes are incorporated as per the guidelines defined by National Board of Accreditation (NBA) whereas COs and PSOs are formulated by the respective programs. The following method for measuring attainment practiced in the NBA-accredited departments and being extended to all the departments.

The attainment levels of CO are measured from the results of the internal assessments and end semester examination. Question papers are structured such that each question maps to a specific CO and covers all COs. Based on the marks scored by the students in each question, CO measure in percentage is calculated. A target level for determining the attainment level of COs is decided by the respective department offering the programme. Attainment level grades namely Attainment level 1, Attainment level 2 and Attainment level 3 are assigned depending on whether P1% , P2% or P3% of students crosses the chosen target level respectively. The department also decides the values to be chosen for P1, P2 and P3 as these values depend on the complexity of individual subjects. Average percentage from the two internal assessments along with the end semester examination is used for fixing the Attainment levels.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

3811

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 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://www.annauniv.edu/IOAC/curriculum20-21.php>

## 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 Institution's Research facilities are frequently updated and there is a well-defined policy for the promotion of research which is uploaded on the institutional website and implemented.

Research promotion policy:

The research promotion policy of Anna University aims to foster and sustain excellence and leadership in Research and Innovation. Our students and faculty will be encouraged to break new ground in research and achieve first-of-a-kind impacts in technological applications/ designs/ formulation of new public policies/institutional capabilities.

Our students will be encouraged to learn about the world through hands-on practical problem-solving projects in collaboration with a fellow student in other departments and with our faculty as supervisors/ mentors. Our faculty and students would be encouraged to involve in inter-disciplinary/ multi-disciplinary/ translational research in finding scientific and technological solutions to 21st Century grand challenges. Anna University desires to build strong and robust research and innovation ecosystem through,

1. Providing generous seed funding to young Assistant Professors (fresh Recruits) to establish their laboratories and kick start their research
2. Providing international travel grant to faculty and students to enable them to participate and present papers in

International Conferences providing large funding in the selected emerging technologies to group of active faculty members

**3. Provide funding for start-ups to students and faculty members**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

0

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

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

5

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

78

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**3.1.5 - Institution has the following facilities to support research** A. Any 4 or more of the above  
 Central Instrumentation  
 Centre Animal House/Green House Museum  
 Media laboratory/Studios Business Lab

## Research/Statistical Databases Moot court Theatre Art Gallery

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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

14

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 3.2 - Resource Mobilization for Research

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

5.88

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

10275.85

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

1

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 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

Centre for Entrepreneurship Development (CED), Anna University operates with the primary responsibility of creation of student entrepreneurs by strengthening the entrepreneurial ecosystem via

1. Awareness creation on Entrepreneurship for all the students
2. Training, workshops, business plan and other in-campus competitions for interested students and
3. Incubators offering free space, seed funding and mentoring for campus startups. Entrepreneurship Development Cells (EDCs) were formed during 2013-16, in each CEG, AC Tech and MIT. CED's new initiatives such as EDC Library, Entrepreneurship Forum for Girls, CAPITALIZE - the Entrepreneurship Club of Students and "Entrepreneurship through Organic Farming" are noteworthy.

CED has joined hands with Alumni Association of CEG for establishing an INCUBATOR (CEGAIN) in CEG Campus where startup companies are nurtured. CEGAIN was inaugurated on March 17, 2016. In addition to the Incubation Centre, the incubatees can avail all the facilities and support in the campus, such as the lab facilities, guidance from Professors and also engage students as part-time employees. Experts and mentors from among CEG Alumni and others are available to provide guidance and mentoring support to all the incubatees. Presently CEGAIN houses 15 incubatees operating successfully. CED is also in the process of establishing CED INCUBATORS in CEG, ACT and MIT campuses and dreams to mature into a an organization with complete startup ecosystem for nurturing student entrepreneurs across Tamilnadu State.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>



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

76

#### 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

76

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

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

3

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 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	<a href="#">View File</a>

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

**B. Any 3 of the above**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**3.4.3 - Number of Patents published/awarded during the year**

**3.4.3.1 - Total number of Patents published/awarded year wise during the year**

**48**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**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**

**236**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

**950**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

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

130

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

C. Any 3 of the above

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

Scopus	Web of Science
1967	1706

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	No File Uploaded

### 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
42	37

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	<a href="#">View File</a>

### 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

Consultancy Activities by the faculty for external agencies are encouraged by Anna University to utilize the expertise and the specific knowledge base of the faculty to serve the society while generating revenue for the University and properly rewarding the Faculty involved. The Centre for Technology Development and Transfer" (CTDT) at Anna University is responsible to interact with stakeholders, both external and internal, and be a single window for partnership with industries and R&D establishments for research, consultancy and training programmes of the university.

Based on the experience of managing the projects and taking into account the needs of the investigators and consultants, CTDT formulate guidelines including revenue sharing between the institution and the individuals and encourage the faculty to undertake consultancy. The budget distribution for Consultancy is given below: On the total consultancy amount after deducting the service tax, as applicable, the following distribution will be made. i. Anna University - 7.5% ii. Dept / Centre Overheads - 7.5% iii. CTDT Overheads - 15%(of which 10% to be kept for the support of R&D) iv. Consultant remuneration, Including all expenditure 70% In the case of Consultancy where the expenditure component is high, special permission may be obtained

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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)

2493.89

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 3.6 - Extension Activities

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

The NCC Army Wing organized Tree Plantation, Fit India Movement, and Constitution Day activities where cadets recited poems, conducted a webinar, and created awareness among the citizens on fundamental duties through a play that was shared on social media. Accordingly, awareness on Anti-Corruption was conducted to create awareness among the public through reciting poems on Anti-Corruption and by making posters that were shared on social media. Rally on Save water, Anti-Tobacco and against Drug Abuse was carried out inside the campus by the cadets with a spirit to control the use of tobacco products and drugs. As a part of Clean India, cadets took initiative and cleaned the Anna statue and the area around it and took part in Plog Run which aimed at 'Say No To Plastics'.

YRC organized the Blood Donation Camps, Road Safety Programmes, Health Camps AIDS awareness, First Aid Training, and Campus Cleaning activities.

NSS Organized the cultural event exclusively for the Creation and sale of products from waste, Visit orphanages and conducted games for the inmates, Cleaning weeds from the on-campus organic farm, Organized on-campus free eye-camp and eye - donation drive, and Human formation events to raise voices in opposition to violence against women.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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

8

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

19

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

209

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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

11

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

10

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 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.

University Departments of Anna University is located in the Main (CEG, AC Tech and SAP) and the MIT campus. There are about 370 classrooms, 15 drawing halls, 300 Laboratories, 11 computer laboratories and 40 seminar halls/auditorium distributed in these campuses. New Teaching complexes (about 100 Classrooms and other facilities) are also under construction.

CEG campus has the Main Building with fourteen Classrooms, four drawing halls and one seminar hall. Science and Humanities Block have twenty classrooms with LCD facilities used mostly by the Department of English, Physics, Medical Physics and Chemistry. Knowledge Park building consists of forty-three Classrooms and one drawing hall.

ACT campus has the Main Building, Textile Technology Building, and Teaching Complex with 60 Class Rooms, Laboratories and one Auditorium.

SAP campus constitutes the main building, diamond jubilee block, workshop annex, boys and girls hostel. It is well equipped with

classroom and Studio facilities for effective teaching and learning.

MIT campus has the Main Building and separate buildings for each of the 8 Departments housing the classrooms and Laboratories. One Separate Computer Center cater to the needs of UG and PG Students. 80 Class Rooms, Laboratories, and Auditorium. Around

Ramanujan Computing Centre is the central computing facility.

EMMRC facilities and Research Laboratories of advanced centres are also being used to support the teaching learning process.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

#### Name of the Sports Facility

Nos

Main Campus (CEG, AC.Tech & SAP)

1 .Stadium with lighting facility

One Indoor

2 .Separate Squash Racket facility with all facility

Two courts

3 .Track & Field with all facility

One Track

4 .Hockey field with all amenities

One Field

5 .Cricket oval

One oval



6 .Foot Ball grass Field

One Field

7 .Volley Ball Court

Two courts

8 .Hand Ball Court

Two courts

9 .Outdoor Badminton Courts

Two Courts

10 .Kho - Kho Court

One Court

11 .Kabaddi Court

Two courts

12 .Synthetic Tennis Court

Two courts

13 .Mud Tennis Courts

Four Courts

14 .Billiards

One Table

15 .Twister Aerobics

One Room

16 .Yoga Open Hall

One Hall

17 .A/C Gym for Students

Fully Equipped

18 .Boxing Facility

One

19 .Basket Ball Court

Two courts

20 .Swimming Pool

Fully Equipped

21 .Outdoor Gym Facility

Fully Equipped

22 .Vaulting Equipments

Full set

23 .Ground Equipments

Available

MIT Campus

24.Track & Field with all facility

One Track

25.Cricket oval

One oval

26.Foot Ball Field

One Field

27.Volley Ball Court

One Court

**28.Kabaddi Court**

Two courts

**29.Hand Ball Court**

One Court

**30Track Equipments**

Full set

**31.0Artificial Wall Claiming Fitness Facility**

Full Set

**32.Indoor Basket Ball Court**

One court

**33.Indoor Badminton Court**

Five Courts

**34.Ground Equipments**

Available

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**4.1.3 - Availability of general campus facilities and overall ambience**

The Overall ambience and general campus facilities of Anna University are very good to support the Teaching Learning, Research and Extension activities. The campus is full of greenery and well served with internal roads. The general ambience of the campus is environment friendly and has positive impact on teaching learning process and students ,staff and visitors enjoy the natural ambience on the campus. It provides a comfortable and creative environment to faculty and students. In addition to adequate Class Rooms, Computational facilities, Laboratories, Library, Hostels and Sports facilities to support the Teaching Learning process, other facilities provided within the Campus to meet the needs of students and staff include

o Vice chancellor Quarters o Residential quarters for Faculty and supporting staff University Guest House o Health Centre o High-speed WiFi services o Banking Facilities and ATMs located around the Campus o Post office o Dining Facilities such as Canteen, Cafeteria, and Restaurants o Student Amenities Centre with facilities, laundry services. Co-Operative Society also. o On-campus travel agency o On-campus Stationery stores, barbers, tailors and STD/ISD booths Transport facility and Logistics Centre fo o Sewage Treatment Plants and recycling of treated water o Energy conservation, rainwater harvesting and waste management facilities

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

4467

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

The University Library plays a pivotal role in augmenting the mission of the University in disseminating the flow of knowledge and by quenching the "knowledge thirst" of the Library users by providing and promoting access to recorded knowledge. All the library functions have been well automated and entry into the library and book transaction is made available with RFID Technology using the smart card. The entire computerization activity of the library has been revamped with advanced AUTOLIB Library Management software, which is a comprehensive package with built-in library modules suitable for all the library functions such as Acquisition, Circulation, Cataloguing, and On-Line Public Access (OPAC). It is fully integrated multi-user software in a Windows environment capable of handling lakhs of records. This

software is more compatible with RFID Technology, which is a total security transaction module. The OPAC module facilitates the users to search the library documents with location, and subject classification for easy retrieval. With the Self-service Touch Screen Kiosk, the users can issue the books on their own and can check the accounts details. RFID enabled Security Gate with three panel Security and A full-fledged Digital Knowledge Centre is functioning to access E-Journals, E-Databases, E-Books, and other Learning Resources

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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	<a href="#">View File</a>

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

**342.37**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

**11484**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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

238

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

Anna University's IT Policy is available on the Website link:

[https://www.annauniv.edu/pdf/AU\\_UDs\\_1T%20\(Information%20Technoloey\)%20Policy.pdf](https://www.annauniv.edu/pdf/AU_UDs_1T%20(Information%20Technoloey)%20Policy.pdf)

Note: It is requested to refer to the web link for further details as well as the attached file.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
13998	2985

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

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Upload the data template	No File Uploaded

#### 4.4 - Maintenance of Campus Infrastructure

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

17537

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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.

The planning, construction, and maintenance of laboratory, classrooms in academic buildings, administrative buildings, library buildings, staff quarters, central facilities such as water supply and sewage, electricity, 11KVA substations, sewage treatment plants, horticulture, and landscape maintenance, etc in Main & MIT campus of Anna University are taken care by Estate office established in the year 1994 (previously called as Maintenance cell) with permanent staffs for Civil / Electrical / Horticulture sections.

The Estate office is headed by Professor and Estate Officer. It comprises of Civil & Electrical engineering sections, Accounts Branch Section (AB Section), and Drawing Branch Section (DB Section).

Repairs/maintenance of minor nature is carried out by the Estate office based on the complaints/requests from the occupying department. Complaint Registers are being maintained in the Estate office for the day-to-day repairs/maintenance.

Financial provision for minor repairs has been made as separate heads in the budget book under the various heads: M.H.No. 3 campus maintenance and security services, and also from UGC, RUSA, department project funds, etc.

The necessity of the repair works and execution required is assessed in the periodic review meeting of the estate office and Oil filtration (Oils once in a year) in the Transformers:

Anna university sports board has employed 8 markers and 1 technical field analyst for the sports complex and ground maintenance activities.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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)**

2893

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

401

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

- All of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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**

162

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

1797

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

104

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 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

8

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

Student representatives are members of Class Committees, Syllabus Sub-Committee, Hostel Committee, and Canteen Committee through which they suggest their ideas and discuss their issues. This empowers the students with leadership skills, teamwork, and participatory decision-making. The syllabus sub-committee for each programme has two senior student representatives to participate in the curriculum and syllabus formulation. Student representatives are also present in the course committee, multiple course committees, and overall course committee and are involved in academic decisions related to the course schedule, nature of assessments, and related matters. The class committee meetings are held twice a semester for each class has 4 students selected from both genders and are encouraged to actively participate in

discussing the teaching-learning process, the classroom facilities, etc.

Students association are functioning in each department and they organize guest lectures, technical symposiums and exhibitions every year. CIVILISATION by the Society of Civil engineers, CHEMFLUENCE by the Department of Chemical Engineering, PETROVISION by Applied Science and Technology Department, BIOTECHCELLENCE and AVIDADHAM by Biotechnology Department, TEXPLOSION by Textile Technology, CONCERT by Ceramic Technology and CROSS LINX by Leather Technology, ARCHILOGUE by Department of Architecture are few examples. Also, the departments have student chapters of national engineering associations such as the Indian Institute of Chemical Engineers, the Institution of Engineers, the Society of Petroleum Engineers, the Indian Ceramic Society etc.

<https://ceg.annauniv.edu/#>

<https://mitindia.edu/en/>

<https://kurukshetra.org.in/home>,

<http://www.mitindia.edu/en/athenaeum>

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

6

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 5.4 - Alumni Engagement

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

Alumni Association of College of Engineering Guindy (CEG) is associated with the following for the welfare of the students:

- Supporting student activities such as cultural and technical festivals and events.
- Periodic Endowment lecture.
- Career guidance programmes for students.
- Financial assistance (both tuition and hostel fee) for needy students.
- Public awareness programs.
- Helping during national calamities.
- Publication of monthly news letter highlighting the activities of the association.
- -Honoring distinguished Alumni and celebrating Alumni Day, Genesis Day, Teachers Day, and Alumni sports Day.

Alumni Association of the School of Architecture and Planning (SAPAA) provides career counseling, Industry Institute Interaction, and placement assistance.

ACTECH alumni association started separate society with a deposit of 30 lakhs and the interest from the society is given every year to economically weaker students' Fees.

The Alumni Association of MIT provides Scholarships to the tune of Rs. 25 lakhs per annum at the rate of Rs.20,000/- per student for each year. Donate books to the library and run a book bank, A biogas facility, support economically weaker students, Borewell facility, Medical support and optical facility, Cycle and scooter, Soft skill training programmes & Practical training programmes were conducted.

<https://www.aaceg.org/>

<https://www.actechalumni.org/home>

<https://www.sapaa.org.in/>

<http://mitaa.org.in/>

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year**      A. ? 5Lakhs

**(INR in Lakhs)**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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

Anna University's Vision & Mission is available on the Website link:

[https://www.annauniv.edu/vision\\_mission.pdf](https://www.annauniv.edu/vision_mission.pdf)

Note: It is requested to refer to the web link for further details as well as the attached file

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

The decentralized system of governance is advocated and practised in Anna University to ensure that the leadership moves closer to the key stakeholders and facilitates a better chance for taking part in the governance.

Apex body:

- Syndicate

Other governing bodies:

- Academic Council,
- Standing Committee,
- Board of Studies
- Finance Committee
- Budget Committee
- Building Committee
- Tender Scrutiny Committee
- Executive Committee (for autonomous centres)

The decision making is done in a transparent manner for the effective functioning of the University. The Vice-Chancellor is supported by the Registrar, Additional Registrar, Deans of Campuses, Chairmen of Faculties, Heads of Departments, Directors of Autonomous Centres, Controller of Examinations and Finance Officer in this process.

**Decentralization of academic and research activities:**

The student support and academic activities are decentralized by dividing the University into 34 departments distributed in 4 campuses managed by respective Deans and the respective HODs. There are 44 Centres with financial and functional autonomy, out of which 19 are research centres focusing on advanced research in emerging technology areas.

**Decentralized Governance Model:**

Each department/faculty functions as a separate sub-unit, with functional autonomy, in deciding and implementing the student-centric programmes and activities.

**Note:** It is requested to refer attached file for further details.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The Strategic Goals of Anna University include :

- To be among the top five technological universities by focusing on learners and providing them with an exceptional learning experience.
- To Facilitate Quality Technical Education through Collaborative Partnerships
- To recruit, reward and retain a high-quality workforce
- To expand, sustain and excel in research (Research Excellence)
- National and Global Collaborations (To expand our national and global influence and spread through appropriate interactions)
- Industry and Community Interactions (To improve and increase

the scope of interaction with Industry and Community)

- State-of-the-art Infrastructure (To improve the academic, administrative, and residential infrastructure facilities.

The effective implementation of the Strategic plan is evident from the explicit policy and strategy for attracting international students in line with the strategic vision of the University to develop partnerships globally in order to engage students and faculty members with international academic and research experiences.

Note: It is requested to refer to the web link for further details as well as the attached file

[https://www.annauniv.edu/Strategic\\_plan\\_roadmap.pdf](https://www.annauniv.edu/Strategic_plan_roadmap.pdf)

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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.

Anna University enjoys full autonomy with the Syndicate chaired by the Vice-Chancellor (VC) as the supreme body that takes the policy decisions. Policy decisions by the Syndicate are implemented by an effective Administrative setup involving the Registrar, Finance Officer, Controller of Examinations, Additional Registrar, Deputy Registrars, Deans of Campuses, Directors of Centres, Heads of the Departments, and other statutory officers. Internal auditing and concurrent auditing and legal sections ensure accountability, compliance with statutory norms, and transparency.

Functions of various bodies, conduct and service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism are as per the Anna University Act (1978), Statutes, Ordinances, and Regulations. The powers and functions of various bodies are well enunciated in the Rules which help the statutory bodies to exercise effective monitoring of the entire functioning of the University.

The Academic Council, with representatives of key stakeholders,

makes regulations consistent with the provisions of the Anna University Act (1978), the statutes, and the ordinances.

Anna University currently has 8 Faculty of studies, 34 University Departments managed by the respective HOD's in 4 different campuses managed by Deans of Campus. There are 44 Autonomous Centres with Directors having financial and functional autonomy and being governed by Executive Committee.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

6.2.3.1 - e-governance is implemented covering following areas of operation **A. All of the above**

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

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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

Performance and Potential Assessment in the prescribed format are mandatory every half year (30th Jun and 31st Dec) for the declaration of probation of Teachers. It must be submitted yearly once for approved probationers. It is based on their performance in the academic, research and other contributions as well as conducted during the reporting period. All faculty members fill the prescribed Proforma for self-appraisal and the same is reviewed by the HOD. The Unit Officer concerned provides the details of the Confidential Report at the time of declaration of probation and the time of promotion of the non-teaching staff members. Promotional avenues as per the norms of the Regulatory authorities and the State Government are available to the Teaching and Non Teaching staff.



Anna University provides several Welfare measures for teaching and non-teaching staff are as summarized below:

- Staff Quarters
- Health Center
- Group Health Insurance Scheme
- On Duty Leave
- Faculty Development Programme
- POSH
- Loans
- Sports/Swimming Pool/Gymnasium
- Day Care Centre
- Gourmet's Basket
- Alumni Club
- Anna Gem Science park school

**Covid-19 Free Vaccination:**

The university continues to conduct a free covid-19 vaccine drive for all the eligible staff and students from March 2021 in collaboration with Greater Chennai Corporation.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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**

1

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

17

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

468

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 6.4 - Financial Management and Resource Mobilization

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

Anna University's Institutional strategies for mobilization of funds and the optimal utilization of resources is explained in details in the Resource Mobilisation And Funding Policy, which is available on the Website link:

[https://www.annauniv.edu/pdf/AU\\_P&D\\_Resource%20Mobilisation%20And%20Funding%20Policy%2020200718.pdf](https://www.annauniv.edu/pdf/AU_P&D_Resource%20Mobilisation%20And%20Funding%20Policy%2020200718.pdf)

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

0

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

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

0

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

### 6.4.4 - Institution conducts internal and external financial audits regularly

The Concurrent Audit, Local Fund Audit sections of the University conducts an audit on all accounts operated by the Finance wing of the University Office, the accounts of all the Autonomous Institutions/ Centres and all the Regional Centres /Constituent Colleges every year and issues the Audit Report and Annual Accounts in respect of this University in the respective year. Further, the Principal Accountant General of India inspects the Audit Report and Annual Accounts in respect of this University issued by the Local Fund Audit section and raised objections based on the said report. The Local Fund Audit objections are to be settled by conducting audit joint sitting meetings frequently with the Local Fund Audit section. The replay with regard to the AG audit objection has been obtained from the respective authorities and is being sent to the Principal Accountant General for settlement of Paras.

File Description	Documents
Upload relevant supporting document	No File Uploaded

## 6.5 - Internal Quality Assurance System

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

Due to the COVID-19 pandemic, BLENDED teaching process was followed at the university. For online classes, Microsoft Teams was used for taking classes and showing demos for theory subjects, and for labs were conducted using the simulators. Once the pandemic condition improved the students were asked to attend the classes in person in a staggered manner following all the covid-19 protocols and special classes were conducted and also in-person

labs were conducted.

The Faculty members were advised to cover 75% of the weekly syllabus through online classes and the remaining 25% of the weekly syllabus to be covered as using an external learning mode.

As of the internal assessments for theory courses, anyone of the below-mentioned modalities was followed by the faculties based on the course type;

1. Online Quiz in Microsoft Teams
2. Presentation made by the students based on a case study
3. Open book test
4. Course Projects/Group Projects

As of end semester examinations for theory courses Proctored Online Based MCQ type exams were conducted.

Due to the CoViD-19 pandemic, the students were allowed to take 25% of their courses prescribed in the curriculum in online mode.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

Curricula and syllabi of all the Programmes offered at Anna University Departments were revised with Choice Based Credit System (CBCS) and outcome-based innovative courses integrating Theory, Practical and Mini Projects.

- Student-centric learning
- Students Exchange programme
- About 90% of the registered students placed through the Centre for University-Industry Collaboration.
- Secured Examination Management System (SEMS) was developed and used for efficient management of Examination activities
- Knowledge Data Centre provides complete online services catering to the students of University Departments and University College of Engineering.
- Career Advancement of Faculty and Support staff
- Medical Insurance Scheme.
- UGC recognized Anna University as a "University with Potential for Excellence" (UPE) in the XII plan period to develop Research & Development activities in the area of Biomedical Engineering and Applications.
- National Hub for Healthcare Instrumentation Development (NHHID), was established
- Centre for Technology Development and Transfer
- Setup of the Atal Incubation Centre and Technology Enabling Centre.
- The Centre for Intellectual Property Rights provides guidance to the researchers to file patents.
- Faculty members were trained on the NAAC and NBA quality framework and accreditation criteria to strengthen the internalization of quality culture.
- Anna University was recommended Institution of Eminence Status by MHRD.
- Anna University was ranked high in NIRF and Global Rankings.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

- The campus provides a safe and secure environment by installing CCTV cameras, fire extinguishers, fire alarms and

first aid boxes.

- Security personnel guard the campus entrance gates.
- The students of the first year are protected from the ragging menace by "anti-ragging committees" who monitor the activities throughout the day in hostels and academic areas.
- The grievances of the students and faculty members are addressed through dedicated cells such as the prevention of Sexual Harassment Cell, Grievances Cell and Harassment Cell.
- Career counselling is formally done for all the students in a systematic manner by the Centre for University-Industry Collaboration.
- Faculty advisors are appointed department-wise in the ratio 1:30 (advisor:students) for resolving the academic-related issues and also the grievances.
- NRI student counsellors are appointed in every department for addressing the issues of NRI and foreign national students, Hostel wardens, deputy wardens and resident counsellors take care of student issues in the hostel.
- A cell for counselling is available on campus where a counsellor is available beyond working hours for the girl students.
- One Day Care Centre in the main campus and a Day Care Centre on the MIT Campus have been functioning.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Annual gender sensitization action plan(s)	<a href="#">Due to CoViD-19, No Annual gender sensitization action plan.</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	Nil

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy plant Wheeling to the Grid energy conservation power-efficient equipment**

**A. Any 4 or All of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

- Solid Waste Management on the campus is carried out by dividing the campus into two zones namely Academic and Hostels.
- The hostel zone generates food, vegetable, paper and cloth wastes; whereas the academic zone generates canteen and paper wastes as major wastes.
- In addition to those, the dry leaves will also constitute the major portion of solid waste.
- An average of 3 Lakhs litres/day of wastewater is being generated from various parts of the campus such as the hostel, mess, department and academic blocks.
- The wastewater is collected through an underground sewer network and transported to the Sewage Treatment and Recycling plant of 3 Lakhs litres capacity.
- The medical waste generated at the health centre is collected in different colour-coded bins and The biological wastes from the Biophotonics laboratory are collected in barcoded waste disposal covers are disposed to G.J.Multiclave(India) Pvt.Ltd through The Health Centre, Anna University.
- E-Waste on the Campuses is auctioned for disposal through authorized agencies by the respective departments. The central facilities area e-waste materials are auctioned by the Estate office / respective sections.
- Hazardous chemicals are neutralized and disposed of through the Sewerage system which gets diluted and treated in the Sewage Treatment Plant.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**7.1.4 - Water conservation facilities available** A. Any 4 or all of the above  
**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

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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:

C. Any 2 of the above

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

File Description	Documents
Upload relevant supporting document	No File Uploaded

### 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

A. Any 4 or all of the above



**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.**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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)

Anna University is committed to providing wide and broader opportunities in education, research and innovation for applicants from groups that are disadvantaged and/or currently under-represented so as to improve their quality of life and build capacity and empower them. National and State Government Policies in this regard are strictly adhered at Anna University with respect to Students Admission and also in Faculty/ Staff Selection.

In keeping with the institutional effects in creating social awareness the World Environment Day and White Cane day observations are conducted each year with enthusiasm of participation of the students. As members of NSS and YRC student with faculty members actively organized eye screening camp, blood donation camp, Helping children in orphanage adopting villages and similar activities. The rotaract club organizes an even called Sangarsh musical event in every year with each year having a specific theme, money collected from this event is disposed to the needy. The theme include awareness of Lysosomal storage disorder, People affected with Pal Disorder, to raise fund for the muscular dystrophy and to raise fund for the differently abled children of Pari Paul mentally disabled home and school.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

As per AICTE guidelines, the Student Induction Programme is conducted for the first year UG students starting from 2018-19. 50% of this 2-weeks programme consists of lectures, videos and practical sessions on "Universal Human Values". About 10% of the faculty members have been imparted training through a FDP specially designed and sponsored by AICTE.

Anna University takes several efforts to sensitize the student and employees of the institution to values rights duties and responsibilities of citizens. The student volunteers create awareness about clean environment through rally with placards indicating clean environment avoid plastic and plant more trees. The student also took up lake cleaning at near by locality. As part of Geneva Convection Day celebration student won awards at the essay writing competition.

Anna University celebrates the Constitutional Day Celebrations on 26th November and takes Pledge., Anna University takes Pledge against Untouchability Day on Jan 30th.

Independence Day Independence Day and Republic Day are celebrated with enthusiasm by students, faculty members and administrative staff of Anna University. Independence Day and Republic Day observed every year with flag hoisting by Honourable Vice Chancellor and distribution of traditional sweets.

**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**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

**Anna University organizes national festivals and birth/death**

anniversaries of great Indian personalities every year with great enthusiasm.

- Republic Day is celebrated every year on January 26 to commemorate the adoption of the Indian constitution.
- Independence day is celebrated every year on the 15th of August with the flag hosted by the Vice-Chancellor and well-practiced march-past by NCC cadets.
- Dr.Sarvpalli Radhakrishnan Birth Anniversary is celebrated every year on the 5th of September, as Teacher's Day with great fervour.
- The birth Anniversary of Sir Visvesvaraya is celebrated on 15th September as Engineers day.
- The birth anniversary of Mahatma Gandhi is celebrated on 2nd October.
- National Integration Day on the Occasion of the Birth Anniversary of Indira Gandhi and National Youth Day.
- The birth anniversary of Swami Vivekananda is celebrated as part of student social activities.
- Thiruvalluvar day is celebrated on 15th January to honor Thiruvalluvar.
- Pongal Festival is a harvest festival of Tamil Nadu generally celebrated from January 14th to January 17th.
- The birth anniversary of Former Chief Minister Perarignar Annadurai is celebrated on 15 September of Every year.
- Observance of Sadbhavana Diwas (Former Rajiv Gandhi 76th Birth Anniversary) on 20.08.2020.
- Pledge for Jan Andolan Campaign on COVID-19 conducted on 13th October 2020.
- National Unity Day is celebrated on 31 October to mark the birth anniversary of Sardar Patel.
- National Integration Day is observed on November 19 every year to mark the birth anniversary of the first woman Prime Minister of India, Indira Gandhi.

## 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

Anna University offers a flexible Choice Based Credit System (CBCS) with an enormous diversity in the curricula leading to innovation in the application of Engineering and Technology. The emphasis is on outcome-based courses with clearly defined objectives. The curricula and syllabi are revised every four years for both the Undergraduate and Postgraduate courses with experts from academia, industry, and alumni according to the institutional goals and objectives. While revising the syllabus, more focus is given on enhancing Employability / Entrepreneurship / Skill development and this is done, keeping in view the cutting edge technologies, emerging areas in engineering and technology, and promoting inter-disciplinary culture.

In order to promote multidisciplinary projects in diverse environments, Open Elective courses are being offered as part of the curriculum. Students have the flexibility to choose courses offered by other Departments. As part of the Employability Enhancement courses (EEC) , students are pursuing internship/industrial Training /Summer projects globally so as to achieve a high degree of professionalism. Various student exchange programs with international universities are also being offered as a continuous process through which students are able to compete in the global market.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

1

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 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

655

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 1.2 - Academic Flexibility

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

22

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

114

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 1.3 - Curriculum Enrichment

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

Cross-cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics is incorporated into the curriculum across all disciplines in undergraduate programs through specific courses like Environmental Science and Engineering, Engineering Ethics, Human Values and Human Rights. The course Environmental Science and Engineering which is a core subject across all disciplines of Undergraduate programmes aims to make the student appreciate the ecosystem and biodiversity, study the use and exploitation of natural resources and the resulting depletion and pollution to the environment.

The course makes the students aware of the various environmental acts and legislation to protect nature. The course Human rights expose the students to the origin and evolution of various civil, political, economic, social and cultural, moral and legal rights and gives the students an overview of the various laws enacted in the international level and the national level for the rights of all sections of people including women, children, differently-abled, aged and diseased people. A Mandatory Two Week Induction Programme is conducted for the First years prior to their academic schedule so as to inculcate learning through a variety of activities such as physical activity, creative arts, universal human values, proficiency modules, lectures by eminent people etc.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	<a href="#">View File</a>

### 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

0	
File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	<a href="#">View File</a>
<b>1.3.4 - Number of students undertaking field projects / research projects / internships during the year</b>	
776	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded
<b>1.4 - Feedback System</b>	
<b>1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni</b>	<ul style="list-style-type: none"> <li>All 4 of the above</li> </ul>
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>1.4.2 - Feedback processes of the institution may be classified as follows</b>	<ul style="list-style-type: none"> <li>Feedback collected, analysed and action taken and feedback available on website</li> </ul>
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>TEACHING-LEARNING AND EVALUATION</b>	
<b>2.1 - Student Enrollment and Profile</b>	
<b>2.1.1 - Demand Ratio</b>	
<b>2.1.1.1 - Number of seats available during the year</b>	
4565	

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 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

2783

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

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

### Special programmes for slow learners:

- Anna university Regulations permit slow learners to drop two courses in each semester and get an additional one year for completing the program with the First class.
- The induction program as per AICTE guidelines is introduced in the year 2018 and the first-year students are assessed for their proficiency in English and given English proficiency classes as per their needs during the induction program.
- The SC/ST cell of the University organizes special classes for the subjects where more failures were observed such as first-year mathematics, engineering mechanics, drawing, etc.,
- Bridge courses are also conducted in physics, chemistry, and mathematics, with an aim to refresh students' fundamentals and to bring all students to the same level.
- Remedial coaching in mathematics and English and Remedial classes for specific analytical subjects are conducted at the Department level for the needy students identified through unit-level tests.



**Special Programmes for Advanced learners:**

- Anna university Regulations permit advanced learners to register for two additional courses in each semester so that they can complete the course requirements early and use the pre-final semester for industrial internship
- Advanced learners are encouraged to register and earn additional credits for Value added courses and Online courses
- Special coaching classes are conducted by institute and alumni for Indian Engineering Service (IES) and Gate coaching classes.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link For Additional Information	<a href="https://cac.annauniv.edu/PhpProject1/udregulations/00.%20UG%20Reg%202019.pdf">https://cac.annauniv.edu/PhpProject1/udregulations/00.%20UG%20Reg%202019.pdf</a>

**2.2.2 - Student - Full time teacher ratio during the year**

Number of Students	Number of Teachers
13998	950

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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

Anna University imparts research-oriented engineering education and therefore it is critical of rote learning and places emphasis on originality. Hence it makes every effort, including bridge courses, problem-solving tutorials, special classes to strengthen the basics in foundation mathematics, physics and chemistry etc to equip its engineering entrants to professional education demanding application of theory, problem-solving and analytical skills. The following efforts are made throughout the courses across all programmes in enhancing learning experiences to bring out originality and boost confidence in

practicing engineering. (Refer Website [http://cac.annauniv.edu/PhpProject1/uddetails/ud\\_ug\\_cands\\_2019.html](http://cac.annauniv.edu/PhpProject1/uddetails/ud_ug_cands_2019.html) for the learning methodologies mentioned in Points 1 -8)

1. Theory integrated with laboratory component in critical and advanced subjects
2. Tutorials-integrated theory courses to practice problem-solving
3. Activity or demonstration based learning
4. Design based laboratory courses (e.g. Instrumentation System Design laboratory)
5. Projects requiring students to think and develop
6. Group discussions and group learning
7. Participation in the conduct of workshops, seminars
8. Internships and in-plant training
9. Even semesters are earmarked for a number of nationally and internationally reputed mega engineering and technology events conceived and conducted by the students
10. Facilitation of participation in national and international student competitions facilitating
11. Hands-on training through Professional Software Training
12. Self-study courses in research programmes
13. Revised question paper pattern mandates part C (weightage 15 marks) with compulsory question on application/design/analysis/evaluation /creativity/case-study in the subject domain ( Refer [https://aco.annauniv.edu/Home/download\\_form](https://aco.annauniv.edu/Home/download_form) - UG IQAC Prescribed Question Paper Format for R2019 )

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

Faculty members of Anna University use Information and Communication Technologies (ICT) including online resources effectively for supporting the Teaching-Learning process. They help to deliver material to the students, administer tests and other assignments, track student progress and manage record-keeping. Depending on the course structure, different forms of digital learning platforms are being used. Mostly used Learning Management Systems (LMS) are based on Moodle and Google Classrooms. Some Departments have installed Moodle internally for learning activities. Resources available in online

platforms such as NPTEL and SWAYAM are also used.

Weekly or topic wise organization, based on theory or lab courses, is adopted In Anna University for scheduling the lectures. The weekly lecture materials are provided either before or after the actual lecture to students. In addition, some staff members share their video lectures for the benefit of students. Online assignments are being requested by students instead of hand-written assignments. This has advantages of setting and tracking the date and time for submission leaving no room for a late submission. It also eliminates the physical presence of the teacher during the submission deadline. Moreover, once the assignment is submitted, the course instructor grades and the feedback is visible immediately to the students. The attendance component in LMS offers a systematic way of marking the student's presence in the classroom as the capturing of their presence is done automatically. LMS offers features of question bank and quiz.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

372

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

950

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

564

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**2.4.3 - Total teaching experience of full time teachers in the same institution during the year****2.4.3.1 - Total experience of full-time teachers**

12206

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

14

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**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**

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**

78

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

129

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

The evaluation of teaching-learning process is facilitated through department Multiple Courses Committee (MCC) Meetings, Department Consultative Committee (DCC) meetings, structured assessment tests, end semester examinations, online Student Feedback and Academic Audit. Some of the important features of the evaluation reforms in examination procedures are:

- Revision in the question paper with Three parts pattern instead of the two parts pattern used in the previous regulations. The overall understanding of the subject can be evaluated through the questions asked in Part C.
- Secure Online Question paper delivery system (SOQPDS)
- Bar Coding of Answer books
- Intranet based online Academic Record Maintenance System (ARMS) and Student Examination Management Systems (SEMS) are used for updating the attendance of the students and for tracking the performance of the students in the assessment tests and examinations. This enables quick dissemination of information to all stakeholders including Vice Chancellor, Registrar, Deans of Campuses, Head of Departments, Chairpersons of Class Committees, Officials at the Placement Cell, Faculty members, Students and Parents depending on the associated role-based security.
- Revaluation of answer scripts can be done if opted by a student. Since Nov 2018, Open-day Revaluation system is carried out in presence of the students by a duly

appointed examiner along with a committee of experts. This system helps the students to get their doubts clarified regarding the correct evaluation of their papers.

- These measures have enhanced the continuous assessment and examination management in terms of Transparency and quick communications to All stake holders.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 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	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 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

Anna University has taken sustained efforts for institutionalizing an outcome-based education programme and enhancing employability of graduates through curriculum reform based on a learning outcomes-based curriculum framework, improving/upgrading academic resources and learning environment including the quality of teaching. The graduate attributes as defined by NBA are adapted and reflect disciplinary knowledge and understanding, generic skills, including global competencies that all students in different academic fields of study should attain and demonstrate. It is ensured that graduates of all the UG and PG Programmes acquire the necessary skills and competencies that build the foundations for lifelong learning, including, critical, analytical, problem-solving and communication skills, as well as the ability to deal with change and diversity, in particular, the tolerance of different views and ideas.

The Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) are stated in the respective curriculum and syllabi published for all the UG and PG Programmes offered by Anna University and the same is available in the Academic Courses Website of the University.

(cac.annauniv.edu). These Learning outcomes specify what graduates completing a particular programme of study are expected to know, understand and be able to do at the end of their programme of study. Every Course Outcome (COs) states what a student should be able to demonstrate upon completion of a course. They are expressed in terms of assessable and measurable knowledge, skills, abilities or attitudes that students attain by the end of the course.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

The quality of technical education imparted is assessed rigorously by reviewing Course Outcomes, Programme Outcomes and Programme Specific Outcomes attainment of various courses pertaining to a specific programme. The metric of attaining PO and PSO are computed using mapping as formulated in the curriculum. The POs of the programmes are incorporated as per the guidelines defined by National Board of Accreditation (NBA) whereas COs and PSOs are formulated by the respective programs. The following method for measuring attainment practiced in the NBA-accredited departments and being extended to all the departments.

The attainment levels of CO are measured from the results of the internal assessments and end semester examination. Question papers are structured such that each question maps to a specific CO and covers all COs. Based on the marks scored by the students in each question, CO measure in percentage is calculated. A target level for determining the attainment level of COs is decided by the respective department offering the programme. Attainment level grades namely Attainment level 1, Attainment level 2 and Attainment level 3 are assigned depending on whether P1% , P2% or P3% of students crosses the chosen target level respectively. The department also decides the values to be chosen for P1, P2 and P3 as these values depend on the complexity of individual subjects. Average

percentage from the two internal assessments along with the end semester examination is used for fixing the Attainment levels.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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

3811

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 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://www.annauniv.edu/IOAC/curriculum20-21.php>

## 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 Institution's Research facilities are frequently updated and there is a well-defined policy for the promotion of research which is uploaded on the institutional website and implemented.

#### Research promotion policy:

The research promotion policy of Anna University aims to foster and sustain excellence and leadership in Research and Innovation. Our students and faculty will be encouraged to break new ground in research and achieve first-of-a-kind impacts in technological applications/ designs/ formulation of



new public policies/institutional capabilities.

Our students will be encouraged to learn about the world through hands-on practical problem-solving projects in collaboration with a fellow student in other departments and with our faculty as supervisors/ mentors. Our faculty and students would be encouraged to involve in inter-disciplinary/ multi-disciplinary/ translational research in finding scientific and technological solutions to 21st Century grand challenges. Anna University desires to build strong and robust research and innovation ecosystem through,

1. Providing generous seed funding to young Assistant Professors (fresh Recruits) to establish their laboratories and kick start their research
2. Providing international travel grant to faculty and students to enable them to participate and present papers in International Conferences providing large funding in the selected emerging technologies to group of active faculty members
3. Provide funding for start-ups to students and faculty members

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

0

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

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

5

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

78

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**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	<a href="#">View File</a>

### 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

14

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 3.2 - Resource Mobilization for Research

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

5.88

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

10275.85

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

1

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

## 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

Centre for Entrepreneurship Development (CED), Anna University operates with the primary responsibility of creation of student entrepreneurs by strengthening the entrepreneurial ecosystem via

1. Awareness creation on Entrepreneurship for all the students
2. Training, workshops, business plan and other in-campus competitions for interested students and
3. Incubators offering free space, seed funding and mentoring for campus startups. Entrepreneurship Development Cells (EDCs) were formed during 2013-16, in each CEG, AC Tech and MIT. CED's new initiatives such as EDC Library, Entrepreneurship Forum for Girls, CAPITALIZE

- the Entrepreneurship Club of Students and "Entrepreneurship through Organic Farming" are noteworthy.

CEG has joined hands with Alumni Association of CEG for establishing an INCUBATOR (CEGAIN) in CEG Campus where startup companies are nurtured. CEGAIN was inaugurated on March 17, 2016. In addition to the Incubation Centre, the incubatees can avail all the facilities and support in the campus, such as the lab facilities, guidance from Professors and also engage students as part-time employees. Experts and mentors from among CEG Alumni and others are available to provide guidance and mentoring support to all the incubatees. Presently CEGAIN houses 15 incubatees operating successfully. CED is also in the process of establishing CED INCUBATORS in CEG, ACT and MIT campuses and dreams to mature into a an organization with complete startup ecosystem for nurturing student entrepreneurs across Tamilnadu State.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

76

#### 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

76

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

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

3

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 3.4 - Research Publications and Awards

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

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

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

**A. All of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

**B. Any 3 of the above**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

#### 3.4.3 - Number of Patents published/awarded during the year

**3.4.3.1 - Total number of Patents published/awarded year wise during the year**

<b>48</b>	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<b>No File Uploaded</b>
<b>3.4.4 - Number of Ph.D's awarded per teacher during the year</b>	
<b>3.4.4.1 - How many Ph.D's are awarded during the year</b>	
<b>236</b>	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>
<b>3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year</b>	
<b>950</b>	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<b>No File Uploaded</b>
<b>3.4.6 - Number of books and chapters in edited volumes published per teacher during the year</b>	
<b>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</b>	
<b>130</b>	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<b>No File Uploaded</b>
<b>3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other</b>	<b>C. Any 3 of the above</b>

### MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

Scopus	Web of Science
1967	1706

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	No File Uploaded

### 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
42	37

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	<a href="#">View File</a>

### 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

Consultancy Activities by the faculty for external agencies are encouraged by Anna University to utilize the expertise and the specific knowledge base of the faculty to serve the society while generating revenue for the University and properly

rewarding the Faculty involved. The Centre for Technology Development and Transfer" (CTDT) at Anna University is responsible to interact with stakeholders, both external and internal, and be a single window for partnership with industries and R&D establishments for research, consultancy and training programmes of the university.

Based on the experience of managing the projects and taking into account the needs of the investigators and consultants, CTDT formulate guidelines including revenue sharing between the institution and the individuals and encourage the faculty to undertake consultancy. The budget distribution for Consultancy is given below: On the total consultancy amount after deducting the service tax, as applicable, the following distribution will be made. i. Anna University - 7.5% ii. Dept / Centre Overheads - 7.5% iii. CTDT Overheads - 15%(of which 10% to be kept for the support of R&D) iv. Consultant remuneration, Including all expenditure 70% In the case of Consultancy where the expenditure component is high, special permission may be obtained

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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)

2493.89

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 3.6 - Extension Activities

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

The NCC Army Wing organized Tree Plantation, Fit India Movement, and Constitution Day activities where cadets recited poems, conducted a webinar, and created awareness among the



citizens on fundamental duties through a play that was shared on social media. Accordingly, awareness on Anti-Corruption was conducted to create awareness among the public through reciting poems on Anti-Corruption and by making posters that were shared on social media. Rally on Save water, Anti-Tobacco and against Drug Abuse was carried out inside the campus by the cadets with a spirit to control the use of tobacco products and drugs. As a part of Clean India, cadets took initiative and cleaned the Anna statue and the area around it and took part in Plog Run which aimed at 'Say No To Plastics'.

YRC organized the Blood Donation Camps, Road Safety Programmes, Health Camps AIDS awareness, First Aid Training, and Campus Cleaning activities.

NSS Organized the cultural event exclusively for the Creation and sale of products from waste, Visit orphanages and conducted games for the inmates, Cleaning weeds from the on-campus organic farm, Organized on-campus free eye-camp and eye - donation drive, and Human formation events to raise voices in opposition to violence against women.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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**

8

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

<b>19</b>	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>
<b>3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year</b>	
<b>209</b>	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>
<b>3.7 - Collaboration</b>	
<b>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</b>	
<b>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</b>	
<b>11</b>	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<b>No File Uploaded</b>
<b>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</b>	
<b>10</b>	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<b>No File Uploaded</b>

## 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.

University Departments of Anna University is located in the Main (CEG, AC Tech and SAP) and the MIT campus. There are about 370 classrooms, 15 drawing halls, 300 Laboratories, 11 computer laboratories and 40 seminar halls/auditorium distributed in these campuses. New Teaching complexes (about 100 Classrooms and other facilities) are also under construction.

CEG campus has the Main Building with fourteen Classrooms, four drawing halls and one seminar hall. Science and Humanities Block have twenty classrooms with LCD facilities used mostly by the Department of English, Physics, Medical Physics and Chemistry. Knowledge Park building consists of forty-three Classrooms and one drawing hall.

ACT campus has the Main Building, Textile Technology Building, and Teaching Complex with 60 Class Rooms, Laboratories and one Auditorium.

SAP campus constitutes the main building, diamond jubilee block, workshop annex, boys and girls hostel. It is well equipped with classroom and Studio facilities for effective teaching and learning.

MIT campus has the Main Building and separate buildings for each of the 8 Departments housing the classrooms and Laboratories. One Separate Computer Center cater to the needs of UG and PG Students. 80 Class Rooms, Laboratories, and Auditorium. Around

Ramanujan Computing Centre is the central computing facility.

EMMRC facilities and Research Laboratories of advanced centres are also being used to support the teaching learning process.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor,

outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

Name of the Sports Facility

Nos

Main Campus (CEG, AC.Tech & SAP)

1 .Stadium with lighting facility

One Indoor

2 .Separate Squash Racket facility with all facility

Two courts

3 .Track & Field with all facility

One Track

4 .Hockey field with all amenities

One Field

5 .Cricket oval

One oval

6 .Foot Ball grass Field

One Field

7 .Volley Ball Court

Two courts

8 .Hand Ball Court

Two courts

9 .Outdoor Badminton Courts

Two Courts

10 .Kho - Kho Court

One Court

11 .Kabaddi Court

Two courts

12 .Synthetic Tennis Court

Two courts

13 .Mud Tennis Courts

Four Courts

14 .Billiards

One Table

15 .Twister Aerobics

One Room

16 .Yoga Open Hall

One Hall

17 .A/C Gym for Students

Fully Equipped

18 .Boxing Facility

One

19 .Basket Ball Court

Two courts

20 .Swimming Pool

Fully Equipped

21 .Outdoor Gym Facility

Fully Equipped

22 .Vaulting Equipments

Full set

23 .Ground Equipments

Available

MIT Campus

24.Track & Field with all facility

One Track

25.Cricket oval

One oval

26.Foot Ball Field

One Field

27.Volley Ball Court

One Court

28.Kabaddi Court

Two courts

29.Hand Ball Court

One Court

30Track Equipments

Full set

31.0Artificial Wall Claiming Fitness Facility

Full Set

32.Indoor Basket Ball Court

One court

33.Indoor Badminton Court

Five Courts

34.Ground Equipments

Available

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.1.3 - Availability of general campus facilities and overall ambience

The Overall ambience and general campus facilities of Anna University are very good to support the Teaching Learning, Research and Extension activities. The campus is full of greenery and well served with internal roads. The general ambience of the campus is environment friendly and has positive impact on teaching learning process and students ,staff and visitors enjoy the natural ambience on the campus. It provides a comfortable and creative environment to faculty and students. In addition to adequate Class Rooms, Computational facilities, Laboratories, Library, Hostels and Sports facilities to support the Teaching Learning process, other facilities provided within the Campus to meet the needs of students and staff include

o Vice chancellor Quarters  
 o Residential quarters for Faculty and supporting staff  
 University Guest House  
 o Health Centre  
 o High-speed WiFi services  
 o Banking Facilities and ATMs located around the Campus  
 o Post office  
 o Dining Facilities such as Canteen, Cafeteria, and Restaurants  
 o Student Amenities Centre with facilities, laundry services. Co-Operative Society also.  
 o On-campus travel agency  
 o On-campus Stationery stores, barbers, tailors and STD/ISD booths  
 Transport facility and Logistics Centre fo  
 o Sewage Treatment Plants and recycling of treated water  
 o Energy conservation, rainwater harvesting and waste management facilities

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

4467

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**4.2 - Library as a Learning Resource**

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

The University Library plays a pivotal role in augmenting the mission of the University in disseminating the flow of knowledge and by quenching the "knowledge thirst" of the Library users by providing and promoting access to recorded knowledge. All the library functions have been well automated and entry into the library and book transaction is made available with RFID Technology using the smart card. The entire computerization activity of the library has been revamped with advanced AUTOLIB Library Management software, which is a comprehensive package with built-in library modules suitable for all the library functions such as Acquisition, Circulation, Cataloguing, and On-Line Public Access (OPAC). It is fully integrated multi-user software in a Windows environment capable of handling lakhs of records. This software is more compatible with RFID Technology, which is a total security transaction module. The OPAC module facilitates the users to search the library documents with location, and subject classification for easy retrieval. With the Self-service Touch Screen Kiosk, the users can issue the books on their own and can check the accounts details. RFID enabled Security Gate with three panel Security and A full-fledged Digital Knowledge Centre is functioning to access E-Journals, E-Databases, E-Books, and other Learning Resources

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>



<b>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</b>	<b>A. Any 4 or all of the above</b>						
<table border="1"> <thead> <tr> <th data-bbox="92 394 531 461">File Description</th> <th data-bbox="531 394 1396 461">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="92 461 531 568">Upload relevant supporting document</td> <td data-bbox="531 461 1396 568" style="text-align: center;"><a href="#">View File</a></td> </tr> </tbody> </table>	File Description	Documents	Upload relevant supporting document	<a href="#">View File</a>			
File Description	Documents						
Upload relevant supporting document	<a href="#">View File</a>						
<b>4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)</b>							
<b>342.37</b>							
<table border="1"> <thead> <tr> <th data-bbox="92 768 531 835">File Description</th> <th data-bbox="531 768 1396 835">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="92 835 531 902">Upload the data template</td> <td data-bbox="531 835 1396 902" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="92 902 531 1003">Upload relevant supporting document</td> <td data-bbox="531 902 1396 1003" style="text-align: center;"><b>No File Uploaded</b></td> </tr> </tbody> </table>	File Description	Documents	Upload the data template	<a href="#">View File</a>	Upload relevant supporting document	<b>No File Uploaded</b>	
File Description	Documents						
Upload the data template	<a href="#">View File</a>						
Upload relevant supporting document	<b>No File Uploaded</b>						
<b>4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)</b>							
<b>11484</b>							
<table border="1"> <thead> <tr> <th data-bbox="92 1200 531 1267">File Description</th> <th data-bbox="531 1200 1396 1267">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="92 1267 531 1375">Upload relevant supporting document</td> <td data-bbox="531 1267 1396 1375" style="text-align: center;"><a href="#">View File</a></td> </tr> </tbody> </table>	File Description	Documents	Upload relevant supporting document	<a href="#">View File</a>			
File Description	Documents						
Upload relevant supporting document	<a href="#">View File</a>						
<b>4.3 - IT Infrastructure</b>							
<b>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</b>							
<b>238</b>							
<table border="1"> <thead> <tr> <th data-bbox="92 1639 531 1706">File Description</th> <th data-bbox="531 1639 1396 1706">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="92 1706 531 1774">Upload the data template</td> <td data-bbox="531 1706 1396 1774" style="text-align: center;"><a href="#">View File</a></td> </tr> <tr> <td data-bbox="92 1774 531 1874">Upload relevant supporting document</td> <td data-bbox="531 1774 1396 1874" style="text-align: center;"><b>No File Uploaded</b></td> </tr> </tbody> </table>	File Description	Documents	Upload the data template	<a href="#">View File</a>	Upload relevant supporting document	<b>No File Uploaded</b>	
File Description	Documents						
Upload the data template	<a href="#">View File</a>						
Upload relevant supporting document	<b>No File Uploaded</b>						
<b>4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility</b>							
<b>Anna University's IT Policy is available on the Website link:</b>							

[https://www.annauniv.edu/pdf/AU\\_UDs\\_1T%20\(Information%20Technology\)%20Policy.pdf](https://www.annauniv.edu/pdf/AU_UDs_1T%20(Information%20Technology)%20Policy.pdf)

Note: It is requested to refer to the web link for further details as well as the attached file.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
13998	2985

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

- ?1 GBPS

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 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	<a href="#">View File</a>
Upload the data template	No File Uploaded

#### 4.4 - Maintenance of Campus Infrastructure

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

17537

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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.

The planning, construction, and maintenance of laboratory, classrooms in academic buildings, administrative buildings, library buildings, staff quarters, central facilities such as water supply and sewage, electricity, 11KVA substations, sewage treatment plants, horticulture, and landscape maintenance, etc in Main & MIT campus of Anna University are taken care by Estate office established in the year 1994 (previously called as Maintenance cell) with permanent staffs for Civil / Electrical / Horticulture sections.

The Estate office is headed by Professor and Estate Officer. It comprises of Civil & Electrical engineering sections, Accounts Branch Section (AB Section), and Drawing Branch Section (DB Section).

Repairs/maintenance of minor nature is carried out by the Estate office based on the complaints/requests from the occupying department. Complaint Registers are being maintained in the Estate office for the day-to-day repairs/maintenance.

Financial provision for minor repairs has been made as separate heads in the budget book under the various heads: M.H.No. 3 campus maintenance and security services, and also from UGC, RUSA, department project funds, etc.

The necessity of the repair works and execution required is assessed in the periodic review meeting of the estate office and Oil filtration (Oils once in a year) in the Transformers:

Anna university sports board has employed 8 markers and 1 technical field analyst for the sports complex and ground maintenance activities.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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)**

2893

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

401

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

**5.1.4 - The Institution adopts the following for redressal of student grievances**

• All of the above

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

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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**

162

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

1797

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

104

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 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

8

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

Student representatives are members of Class Committees, Syllabus Sub-Committee, Hostel Committee, and Canteen Committee through which they suggest their ideas and discuss their issues. This empowers the students with leadership skills, teamwork, and participatory decision-making. The syllabus sub-committee for each programme has two senior student representatives to participate in the curriculum and syllabus formulation. Student representatives are also present in the course committee, multiple course committees, and overall course committee and are involved in academic decisions related to the course schedule, nature of assessments, and related matters. The class committee meetings are held twice a semester for each class has 4students selected from both genders and are encouraged to actively participate in discussing the teaching-learning process, the classroom facilities, etc.

Students association are functioning in each department and they organize guest lectures, technical symposiums, s and exhibitions every year. CIVILISATION by the Society of Civil engineers, CHEMFLUENCE by the Department of Chemical Engineering, PETROVISION by Applied Science and Technology Department, BIOTECHCELLENCE and AVIDADHAM by Biotechnology Department, TEXPLOSION by Textile Technology, CONCERT by Ceramic Technology and CROSS LINX by Leather Technology,

ARCHILOGUE by Department of Architecture are few examples. Also, the departments have student chapters of national engineering associations such as the Indian Institute of Chemical Engineers, the Institution of Engineers, the Society of Petroleum Engineers, the Indian Ceramic Society etc.

<https://ceg.annauniv.edu/#>

<https://mitindia.edu/en/>

<https://kurukshetra.org.in/home>,

<http://www.mitindia.edu/en/athenaeum>

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

6

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

### 5.4 - Alumni Engagement

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

Alumni Association of College of Engineering Guindy (CEG) is associated with the following for the welfare of the students:

- Supporting student activities such as cultural and technical festivals and events.
- Periodic Endowment lecture.
- Career guidance programmes for students.
- Financial assistance (both tuition and hostel fee) for needy students.
- Public awareness programs.
- Helping during national calamities.

- Publication of monthly news letter highlighting the activities of the association.
- -Honoring distinguished Alumni and celebrating Alumni Day, Genesis Day, Teachers Day, and Alumni sports Day.

Alumni Association of the School of Architecture and Planning (SAPAA) provides career counseling, Industry Institute Interaction, and placement assistance.

ACTECH alumni association started separate society with a deposit of 30 lakhs and the interest from the society is given every year to economically weaker students' Fees.

The Alumni Association of MIT provides Scholarships to the tune of Rs. 25 lakhs per annum at the rate of Rs.20,000/- per student for each year. Donate books to the library and run a book bank, A biogas facility, support economically weaker students, Borewell facility, Medical support and optical facility, Cycle and scooter, Soft skill training programmes & Practical training programmes were conducted.

<https://www.aaceg.org/>

<https://www.actechalumni.org/home>

<https://www.sapaa.org.in/>

<http://mitaa.org.in/>

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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



Anna University's Vision & Mission is available on the Website link:

[https://www.annauniv.edu/vision\\_mission.pdf](https://www.annauniv.edu/vision_mission.pdf)

Note: It is requested to refer to the web link for further details as well as the attached file

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

The decentralized system of governance is advocated and practised in Anna University to ensure that the leadership moves closer to the key stakeholders and facilitates a better chance for taking part in the governance.

Apex body:

- Syndicate

Other governing bodies:

- Academic Council,
- Standing Committee,
- Board of Studies
- Finance Committee
- Budget Committee
- Building Committee
- Tender Scrutiny Committee
- Executive Committee (for autonomous centres)

The decision making is done in a transparent manner for the effective functioning of the University. The Vice-Chancellor is supported by the Registrar, Additional Registrar, Deans of Campuses, Chairmen of Faculties, Heads of Departments, Directors of Autonomous Centres, Controller of Examinations and Finance Officer in this process.

Decentralization of academic and research activities:

The student support and academic activities are decentralized by dividing the University into 34 departments distributed in 4

campuses managed by respective Deans and the respective HODs. There are 44 Centres with financial and functional autonomy, out of which 19 are research centres focusing on advanced research in emerging technology areas.

#### Decentralized Governance Model:

Each department/faculty functions as a separate sub-unit, with functional autonomy, in deciding and implementing the student-centric programmes and activities.

Note: It is requested to refer attached file for further details.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic plan is effectively deployed

The Strategic Goals of Anna University include :

- To be among the top five technological universities by focusing on learners and providing them with an exceptional learning experience.
- To Facilitate Quality Technical Education through Collaborative Partnerships
- To recruit, reward and retain a high-quality workforce
- To expand, sustain and excel in research (Research Excellence)
- National and Global Collaborations (To expand our national and global influence and spread through appropriate interactions)
- Industry and Community Interactions (To improve and increase the scope of interaction with Industry and Community)
- State-of-the-art Infrastructure (To improve the academic, administrative, and residential infrastructure facilities).

The effective implementation of the Strategic plan is evident from the explicit policy and strategy for attracting international students in line with the strategic vision of the University to develop partnerships globally in order to engage

students and faculty members with international academic and research experiences.

Note: It is requested to refer to the web link for further details as well as the attached file

[https://www.annauniv.edu/Strategic\\_plan\\_roadmap.pdf](https://www.annauniv.edu/Strategic_plan_roadmap.pdf)

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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.

Anna University enjoys full autonomy with the Syndicate chaired by the Vice-Chancellor (VC) as the supreme body that takes the policy decisions. Policy decisions by the Syndicate are implemented by an effective Administrative setup involving the Registrar, Finance Officer, Controller of Examinations, Additional Registrar, Deputy Registrars, Deans of Campuses, Directors of Centres, Heads of the Departments, and other statutory officers. Internal auditing and concurrent auditing and legal sections ensure accountability, compliance with statutory norms, and transparency.

Functions of various bodies, conduct and service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism are as per the Anna University Act (1978), Statutes, Ordinances, and Regulations. The powers and functions of various bodies are well enunciated in the Rules which help the statutory bodies to exercise effective monitoring of the entire functioning of the University.

The Academic Council, with representatives of key stakeholders, makes regulations consistent with the provisions of the Anna University Act (1978), the statutes, and the ordinances.

Anna University currently has 8 Faculty of studies, 34 University Departments managed by the respective HOD's in 4 different campuses managed by Deans of Campus. There are 44 Autonomous Centres with Directors having financial and

functional autonomy and being governed by Executive Committee.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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

Performance and Potential Assessment in the prescribed format are mandatory every half year (30th Jun and 31st Dec) for the declaration of probation of Teachers. It must be submitted yearly once for approved probationers. It is based on their performance in the academic, research and other contributions as well as conducted during the reporting period. All faculty members fill the prescribed Proforma for self-appraisal and the same is reviewed by the HOD. The Unit Officer concerned provides the details of the Confidential Report at the time of declaration of probation and the time of promotion of the non-teaching staff members. Promotional avenues as per the norms of the Regulatory authorities and the State Government are available to the Teaching and Non Teaching staff.

Anna University provides several Welfare measures for teaching and non-teaching staff are as summarized below:

- Staff Quarters
- Health Center
- Group Health Insurance Scheme

- On Duty Leave
- Faculty Development Programme
- POSH
- Loans
- Sports/Swimming Pool/Gymnasium
- Day Care Centre
- Gourmet's Basket
- Alumni Club
- Anna Gem Science park school

#### Covid-19 Free Vaccination:

The university continues to conduct a free covid-19 vaccine drive for all the eligible staff and students from March 2021 in collaboration with Greater Chennai Corporation.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 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

1

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

17

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

468

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

#### 6.4 - Financial Management and Resource Mobilization

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

Anna University's Institutional strategies for mobilization of funds and the optimal utilization of resources is explained in details in the Resource Mobilisation And Funding Policy, which is available on the Website link:

[https://www.annauniv.edu/pdf/AU\\_P&D\\_Resource%20Mobilisation%20And%20Funding%20Policy%2020200718.pdf](https://www.annauniv.edu/pdf/AU_P&D_Resource%20Mobilisation%20And%20Funding%20Policy%2020200718.pdf)

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

0

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

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

0

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

## 6.4.4 - Institution conducts internal and external financial audits regularly

The Concurrent Audit, Local Fund Audit sections of the University conducts an audit on all accounts operated by the Finance wing of the University Office, the accounts of all the Autonomous Institutions/ Centres and all the Regional Centres /Constituent Colleges every year and issues the Audit Report and Annual Accounts in respect of this University in the respective year. Further, the Principal Accountant General of India inspects the Audit Report and Annual Accounts in respect of this University issued by the Local Fund Audit section and raised objections based on the said report. The Local Fund Audit objections are to be settled by conducting audit joint sitting meetings frequently with the Local Fund Audit section. The replay with regard to the AG audit objection has been obtained from the respective authorities and is being sent to the Principal Accountant General for settlement of Paras.

File Description	Documents
Upload relevant supporting document	No File Uploaded

## 6.5 - Internal Quality Assurance System

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

Due to the COVID-19 pandemic, BLENDED teaching process was followed at the university. For online classes, Microsoft Teams was used for taking classes and showing demos for theory subjects, and for labs were conducted using the simulators. Once the pandemic condition improved the students were asked to attend the classes in person in a staggered manner following all the covid-19 protocols and special classes were conducted and also in-person labs were conducted.

The Faculty members were advised to cover 75% of the weekly syllabus through online classes and the remaining 25% of the weekly syllabus to be covered as using an external learning mode.

As of the internal assessments for theory courses, anyone of the below-mentioned modalities was followed by the faculties based on the course type;

1. Online Quiz in Microsoft Teams
2. Presentation made by the students based on a case study
3. Open book test
4. Course Projects/Group Projects

As of end semester examinations for theory courses Proctored Online Based MCQ type exams were conducted.

Due to the CoViD-19 pandemic, the students were allowed to take 25% of their courses prescribed in the curriculum in online mode.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload relevant supporting document	No File Uploaded

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

Curricula and syllabi of all the Programmes offered at Anna University Departments were revised with Choice Based Credit System (CBCS) and outcome-based innovative courses integrating Theory, Practical and Mini Projects.

- Student-centric learning
- Students Exchange programme
- About 90% of the registered students placed through the



Centre for University-Industry Collaboration.

- Secured Examination Management System (SEMS) was developed and used for efficient management of Examination activities
- Knowledge Data Centre provides complete online services catering to the students of University Departments and University College of Engineering.
- Career Advancement of Faculty and Support staff
- Medical Insurance Scheme.
- UGC recognized Anna University as a "University with Potential for Excellence" (UPE) in the XII plan period to develop Research & Development activities in the area of Biomedical Engineering and Applications.
- National Hub for Healthcare Instrumentation Development (NHHID), was established
- Centre for Technology Development and Transfer
- Setup of the Atal Incubation Centre and Technology Enabling Centre.
- The Centre for Intellectual Property Rights provides guidance to the researchers to file patents.
- Faculty members were trained on the NAAC and NBA quality framework and accreditation criteria to strengthen the internalization of quality culture.
- Anna University was recommended Institution of Eminence Status by MHRD.
- Anna University was ranked high in NIRF and Global Rankings.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

- The campus provides a safe and secure environment by installing CCTV cameras, fire extinguishers, fire alarms and first aid boxes.
- Security personnel guard the campus entrance gates.
- The students of the first year are protected from the ragging menace by "anti-ragging committees" who monitor the activities throughout the day in hostels and academic areas.
- The grievances of the students and faculty members are

addressed through dedicated cells such as the prevention of Sexual Harassment Cell, Grievances Cell and Harassment Cell.

- Career counselling is formally done for all the students in a systematic manner by the Centre for University-Industry Collaboration.
- Faculty advisors are appointed department-wise in the ratio 1:30 (advisor:students) for resolving the academic-related issues and also the grievances.
- NRI student counsellors are appointed in every department for addressing the issues of NRI and foreign national students, Hostel wardens, deputy wardens and resident counsellors take care of student issues in the hostel.
- A cell for counselling is available on campus where a counsellor is available beyond working hours for the girl students.
- One Day Care Centre in the main campus and a Day Care Centre on the MIT Campus have been functioning.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Annual gender sensitization action plan(s)	<a href="#">Due to CoViD-19, No Annual gender sensitization action plan.</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	Nil

**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	<a href="#">View File</a>

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

- Solid Waste Management on the campus is carried out by dividing the campus into two zones namely Academic and Hostels.
- The hostel zone generates food, vegetable, paper and cloth wastes; whereas the academic zone generates canteen and paper wastes as major wastes.
- In addition to those, the dry leaves will also constitute the major portion of solid waste.
- An average of 3 Lakhs litres/day of wastewater is being generated from various parts of the campus such as the hostel, mess, department and academic blocks.
- The wastewater is collected through an underground sewer network and transported to the Sewage Treatment and Recycling plant of 3 Lakhs litres capacity.
- The medical waste generated at the health centre is collected in different colour-coded bins and The biological wastes from the Biophotonics laboratory are collected in barcoded waste disposal covers are disposed to G.J.Multiclave(India) Pvt.Ltd through The Health Centre, Anna University.
- E-Waste on the Campuses is auctioned for disposal through authorized agencies by the respective departments. The central facilities area e-waste materials are auctioned by the Estate office / respective sections.
- Hazardous chemicals are neutralized and disposed of through the Sewerage system which gets diluted and treated in the Sewage Treatment Plant.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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	<a href="#">View File</a>

### 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	<a href="#">View File</a>

### 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**

**C. Any 2 of the above**

File Description	Documents
Upload relevant supporting document	<b>No File Uploaded</b>

**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,**

**A. Any 4 or all of the above**

**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.**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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)

Anna University is committed to providing wide and broader opportunities in education, research and innovation for applicants from groups that are disadvantaged and/or currently under-represented so as to improve their quality of life and build capacity and empower them. National and State Government Policies in this regard are strictly adhered at Anna University with respect to Students Admission and also in Faculty/ Staff Selection.

In keeping with the institutional effects in creating social awareness the World Environment Day and White Cane day observations are conducted each year with enthusiasm of participation of the students. As members of NSS and YRC student with faculty members actively organized eye screening camp, blood donation camp, Helping children in orphanage adopting villages and similar activities. The rotaract club organizes an even called Sangarsh musical event in every year with each year having a specific theme, money collected from this event is disposed to the needy. The theme include awareness of Lysosomal storage disorder, People affected with Pal Disorder, to raise fund for the muscular dystrophy and to raise fund for the differently abled children of Pari Paul mentally disabled home and school.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

As per AICTE guidelines, the Student Induction Programme is conducted for the first year UG students starting from 2018-19. 50% of this 2-weeks programme consists of lectures, videos and practical sessions on "Universal Human Values". About 10% of the faculty members have been imparted training through a FDP specially designed and sponsored by AICTE.

Anna University takes several efforts to sensitize the student and employees of the institution to values rights duties and responsibilities of citizens. The student volunteers create awareness about clean environment through rally with placards indicating clean environment avoid plastic and plant more trees. The student also took up lake cleaning at near by locality. As part of Geneva Convection Day celebration student won awards at the essay writing competition.

Anna University celebrates the Constitutional Day Celebrations on 26th November and takes Pledge., Anna University takes Pledge against Untouchability Day on Jan 30th.

Independence Day Independence Day and Republic Day are celebrated with enthusiasm by students, faculty members and administrative staff of Anna University. Independence Day and Republic Day observed every year with flag hoisting by Honourable Vice Chancellor and distribution of traditional sweets.

**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	<a href="#">View File</a>

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

Anna University organizes national festivals and birth/death anniversaries of great Indian personalities every year with great enthusiasm.

- Republic Day is celebrated every year on January 26 to commemorate the adoption of the Indian constitution.
- Independence day is celebrated every year on the 15th of August with the flag hosted by the Vice-Chancellor and well-practiced march-past by NCC cadets.
- Dr.Sarvpalli Radhakrishnan Birth Anniversary is celebrated every year on the 5th of September, as Teacher's Day with great fervour.
- The birth Anniversary of Sir Visvesvaraya is celebrated on 15th September as Engineers day.
- The birth anniversary of Mahatma Gandhi is celebrated on 2nd October.
- National Integration Day on the Occasion of the Birth Anniversary of Indira Gandhi and National Youth Day.
- The birth anniversary of Swami Vivekananda is celebrated as part of student social activities.
- Thiruvalluvar day is celebrated on 15th January to honor Thiruvalluvar.
- Pongal Festival is a harvest festival of Tamil Nadu generally celebrated from January 14th to January 17th.
- The birth anniversary of Former Chief Minister Perarignar Annadurai is celebrated on 15 September of Every year.
- Observance of Sadbhavana Diwas (Former Rajiv Gandhi 76th Birth Anniversary) on 20.08.2020.
- Pledge for Jan Andolan Campaign on COVID-19 conducted on 13th October 2020.
- National Unity Day is celebrated on 31 October to mark the birth anniversary of Sardar Patel.
- National Integration Day is observed on November 19 every year to mark the birth anniversary of the first woman Prime Minister of India, Indira Gandhi.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 7.2 - Best Practices

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

The R&D Ecosystem of AU provides the required infrastructure, research ambience, funding support, administrative assistance, mentoring and periodic reviews to achieve excellence in all the P's in the PPPPP (5P) model, namely:

- **Publications:** By individual faculty members, students and scholars
- **Ph.D.:** Through academic research facilitated by the Centre for Research
- **Project:** Through active research facilitated by CTDT
- **Product:** Through Technology Transfer to Industry facilitated by CTDT
- **Patent:** Through the filing of patent facilitated by CIPR

Centre for Research (CFR), Centre for Technology Development and Transfer (CTDT) and Centre for Intellectual Property Rights (CIPR) at AU enhance research culture among the faculty members, research scholars and UG/PG students. Academic research is promoted by CFR which coordinates the entire administration for scholars of research degrees starting from admission to the award of the degree. (Refer :

Funded projects are managed by CTDT for the projects taken up by faculty members and students with funding from University or from national/international funding agencies.

The filing of patents is facilitated by CIPR for the inventions and designs developed in the projects taken up by the faculty members and students.

### References:

- <https://cfr.annauniv.edu/research/academics/index.php>
- <http://ctdt.annauniv.edu/>
- <https://annauniv.edu/ipr/>



### 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)

The Siemens Centre of Excellence (SCoE) for Robotics Design and Automation set up at the MIT Campus of Anna University in 2018 provides an industry-relevant skill development program to the students and faculty members to support social empowerment. Setup by M/s.Siemens along with M/s.Design Tech. at an investment of Rs, 546.84 crore on the public-private partnership (PPP) model has five technical skill development institutes (t-SDIs) coordinated by MIT.

The main objectives of SCoE-MIT are to train the students to make them employable equip the technical institutions with state-of-art technologies upgrade the Skills of faculty members attract industries to set up units in the state by generating a trained workforce promote R&D and innovation in industries. SCoE-MIT provides an effective platform for the students, faculty members, and industrialists to utilize the latest equipment & software tools for the benefit of learners all over Tamil Nadu. The skill development training programs handled by the 11 well-trained resource persons are provided free of cost for students from Government colleges and at a nominal fee for students from other colleges.

14 Laboratories established under the SCoE offers one or more courses with a batch strength of 30 divided into 10 domains.

- Product Design and Validation Laboratory:
- Advanced Manufacturing Laboratory
- Test and Optimization Laboratory
- Automation Laboratory
- Mechatronics Laboratory
- Process Instrumentation Laboratory
- Electrical Laboratory
- Rapid Prototyping Laboratory
- NC Programming Laboratory
- CNC Machines Laboratory
- Robotics Laboratory
- Automotive Body Repair Laboratory
- Automotive Paint Shop Laboratory
- Lift Installation & Maintenance Laboratory

References:<https://mitindia.edu/en/au>

### 7.3.2 - Plan of action for the next academic year

Anna University was reaccredited by NAAC in the year 2014 with "A" grade (CGPA 3.46 out of 4). IQAC is doing the activities to carry out the following improvement activities on quality sustenance and quality enhancement in the upcoming academic years.

1. Application of quality benchmarks/parameters for various academic and administrative activities of the institution and coordinate/conduct the Academic Audit regularly.
2. To do more initiative activities to strengthen the knowledge of our staff members on Quality enhancements and conducting the AAA&R Data preparation, Compilation, verifications and submissions through Online mode by implementing the e-Governance initiatives through out the Institute.
3. Reforms in Quality Education activities in line with AICTE guidelines and authorities requirements.
4. Involving in the Revision of Regulations, Curriculum and Syllabus of all UG and PG Programmes
5. Institutionalization of quality-related activities, including adoption and dissemination of best practices and NBA accreditation of Programmes.
6. Improvements in the structured feedback mechanism and analysis of response from students, parents and other stakeholders on quality-related institutional processes
7. Facilitating the creation of a learner-centric environment conducive to quality education and adoption of the required knowledge and technology for participatory teaching and learning process by practice of Learning Management Systems (LMS) and use of ICT tools.
8. Organizing the inter and intra institutional workshops, seminars on quality themes for dissemination of information on various quality para; meters of higher education such as Research, Innovations, Intellectual, Skill development and etc aspects.

Reference:[https://www.annauniv.edu/IQAC/7th\\_IQAC\\_EC\\_Meeting\\_Minutes.pdf#page=22](https://www.annauniv.edu/IQAC/7th_IQAC_EC_Meeting_Minutes.pdf#page=22)