

YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1. Name of the Institution ANJUMAN COLLEGE OF ENGINEERING

AND TECHNOLOGY

• Name of the Head of the institution Dr. Syed Mohammad Ali

• Designation Principal

• Does the institution function from its own Yes

campus?

• Phone no./Alternate phone no. 07212582749

• Mobile no 9822714806

• Registered e-mail eng_acet@rediffmail.com

• Alternate e-mail eng.acet@gmail.com

• Address Mangalwari Bazar Road, Sadar

• City/Town Nagpur

• State/UT Maharashtra

• Pin Code 440001

2.Institutional status

• Affiliated /Constituent Affiliated

• Type of Institution Co-education

• Location Urban

Page 1/131 22-08-2023 10:47:59

• Financial Status

Self-financing

• Name of the Affiliating University RastraSant Tukadoji Maharaj

Nagpur University, Nagpur

• Name of the IQAC Coordinator Dr. Archana Shirbhate

• Phone No. 07212582749

• Alternate phone No. 07126604502

• Mobile 9823843180

• IQAC e-mail address iqacacet@anjumanengg.edu.in

• Alternate Email address archana.shirbhatecs@gmail.com

 ${\bf 3. Website~address~(Web~link~of~the~AQAR}$

(Previous Academic Year)

https://www.anjumanengg.edu.in/AO

AR ACET.php

4. Whether Academic Calendar prepared

during the year?

Yes

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

https://www.anjumanengg.edu.in/ac

ademic-calender.php

5.Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
|---------|-------|------|--------------------------|---------------|-------------|
| Cycle 1 | B++ | 2.86 | 2018 | 02/11/2018 | 01/11/2023 |

6.Date of Establishment of IQAC

06/03/2017

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

| Institutional/Depa rtment /Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|---------------------------------------|------------|----------------|-----------------------------|------------|
| Electrical Engineering | MODROB-ASP | AICTE | 2021-2022 | 1663347,00 |
| Mechanical Engineering | RPS | AICTE | 2020-2021 | 1052745 |

8.Whether composition of IQAC as per latest NAAC guidelines

Page 2/131 22-08-2023 10:47:59

• Upload latest notification of formation of View File IOAC

9.No. of IQAC meetings held during the year 5

- Were the minutes of IQAC meeting(s) and Yes compliance to the decisions have been uploaded on the institutional website?
- If No, please upload the minutes of the meeting(s) 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?

• If yes, mention the amount

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

1. Successfully conducted a national level seminar on the topic "Fostering the best practices and outreach activities in HEI in with accordance to NEP 2020"

No

- 2. Successfully conducted the FDP/Workshop/STTP in collaboration with NITTR Chandigarh as center coordinators conducted in various departments
- 3. Successfully conducted the workshop on NAAC Criteria by former vice chancellor RTMN Nagpur University
- 4. Successfully conducted External AAA (Annual Academic Audit) for the academic session 2022-23
- 5. Successfully initiated and executed Energy and Green Audit
- 6. Successfully conducted IIIC (Institute Industry Interaction cell) program "SAMAVESH"
- 7. Successfully conducted Workshop on frame working of NAAC accreditation criteria
- 8. Sanctioned RPS Scheme from Govt for HEI for doing Ph-D scholar funds.

Page 3/131 22-08-2023 10:47:59

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

| Plan of Action | Achievements/Outcomes |
|---|---|
| To follow academic schedule effectively | Effectively followed and implemented |
| To conduct various workshops/webinars/STTP/FDP, etc | Effectively conducted |
| To Motivate Faculty members to pursue Ph.D. | In response to the motivation faculties from various departments positively enrolled and completed their Ph-D |
| To conduct Green and Energy Audit | Green and Energy Audit successfully conducted and certified |
| Formation of different clubs in various departments | Effectively formed at department level and various activities done under the same |
| motivation for faculty to publish their paper in SCI/SCOPUS/ UGC listed journals nad renowned conferences | Faculties are in progress to their research works and published research papers in SCI/SCOPUS/ UGC listed journals/renowned conferences |

13. Whether the AQAR was placed before statutory body?

No

• Name of the statutory body

| Name | Date of meeting(s) |
|------|--------------------|
| Nil | Nil |

14. Whether institutional data submitted to AISHE

| Part A | | | | |
|--|--|--|--|--|
| Data of the Institution | | | | |
| 1.Name of the Institution | ANJUMAN COLLEGE OF ENGINEERING AND TECHNOLOGY | | | |
| Name of the Head of the institution | Dr. Syed Mohammad Ali | | | |
| Designation | Principal | | | |
| Does the institution function from its own campus? | Yes | | | |
| Phone no./Alternate phone no. | 07212582749 | | | |
| Mobile no | 9822714806 | | | |
| Registered e-mail | eng_acet@rediffmail.com | | | |
| Alternate e-mail | eng.acet@gmail.com | | | |
| • Address | Mangalwari Bazar Road, Sadar | | | |
| • City/Town | Nagpur | | | |
| State/UT | Maharashtra | | | |
| • Pin Code | 440001 | | | |
| 2.Institutional status | | | | |
| Affiliated /Constituent | Affiliated | | | |
| Type of Institution | Co-education | | | |
| • Location | Urban | | | |
| • Financial Status | Self-financing | | | |
| Name of the Affiliating University | RastraSant Tukadoji Maharaj Nagpur University, Nagpur | | | |
| Name of the IQAC Coordinator | Dr. Archana Shirbhate | | | |

Page 5/131 22-08-2023 10:47:59

| • Phone No. | 07212582749 |
|---|--|
| Alternate phone No. | 07126604502 |
| • Mobile | 9823843180 |
| • IQAC e-mail address | iqacacet@anjumanengg.edu.in |
| Alternate Email address | archana.shirbhatecs@gmail.com |
| 3.Website address (Web link of the AQAR (Previous Academic Year) | https://www.anjumanengg.edu.in/A OAR ACET.php |
| 4. Whether Academic Calendar prepared during the year? | Yes |
| • if yes, whether it is uploaded in the Institutional website Web link: | https://www.anjumanengg.edu.in/academic-calender.php |
| 5.Accreditation Details | |

| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
|---------|-------|------|--------------------------|---------------|-------------|
| Cycle 1 | B++ | 2.86 | 2018 | 02/11/201 | 01/11/202 |

6.Date of Establishment of IQAC 06/03/2017

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

| Institutional/Dep artment /Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|------------------------------------|------------|----------------|-----------------------------|------------|
| Electrical Engineering | MODROB-ASP | AICTE | 2021-2022 | 1663347,00 |
| Mechanical Engineering | RPS | AICTE | 2020-2021 | 1052745 |

| 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 | 5 |

| Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? | Yes | | | |
|--|---|--|--|--|
| If No, please upload the minutes of the meeting(s) 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 do | uring the current year (maximum five bullets) | | | |
| 1. Successfully conducted a national level seminar on the topic "Fostering the best practices and outreach activities in HEI in with accordance to NEP 2020" | | | | |
| 2. Successfully conducted the FDP/Workshop/STTP in collaboration with NITTTR Chandigarh as center coordinators conducted in various departments | | | | |
| 3. Successfully conducted the workshop on NAAC Criteria by former vice chancellor RTMN Nagpur University | | | | |
| 4. Successfully conducted External AAA (Annual Academic Audit) for the academic session 2022-23 | | | | |
| 5. Successfully initiated and executed Energy and Green Audit | | | | |
| 6. Successfully conducted IIIC (Institute Industry Interaction cell) program "SAMAVESH" | | | | |
| 7. Successfully conducted Workshop on frame working of NAAC accreditation criteria | | | | |
| 8. Sanctioned RPS Scheme from Govt for HEI for doing Ph-D scholar funds. | | | | |
| 12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year | | | | |

| Plan of Action | Achievements/Outcomes |
|--|---|
| To follow academic schedule effectively | Effectively followed and implemented |
| To conduct various workshops/webinars/STTP/FDP, etc | Effectively conducted |
| To Motivate Faculty members to pursue Ph.D. | In response to the motivation faculties from various departments positively enrolled and completed their Ph-D |
| To conduct Green and Energy Audit | Green and Energy Audit successfully conducted and certified |
| Formation of different clubs in various departments | Effectively formed at department level and various activities done under the same |
| motivation for faculty to publish their paper in SCI/SCOPUS/ UGC listed journals nad renowned conferences | Faculties are in progress to their research works and published research papers in SCI/SCOPUS/ UGC listed journals/renowned conferences |
| | |

13.Whether the AQAR was placed before statutory body?

No

• Name of the statutory body

| Name | Date of meeting(s) |
|------|--------------------|
| Nil | Nil |

14. Whether institutional data submitted to AISHE

| Year | Date of Submission |
|---------|--------------------|
| 2021-22 | 04/01/2023 |

15. Multidisciplinary / interdisciplinary

To create an interdisciplinary exposure to students in our college we are conducting varios technical activities like

seminars, workshops, etc. In addition to to this for final year projects students are motivated to carry out projects that involves the role of faculty from other departments also. Adding to this faculties are motivate to do interdisciplinary Patents

16.Academic bank of credits (ABC):

It is in the process and will be implemented in due course of time.According to the official website https://www.abc.gov.in/about.php, the Academic Bank of Credit (ABC) is a virtual mechanism that will deal with the credits earned by students of Higher Education Institutes in India and which are recognised by the University Grants Commission (UGC). It was envisioned by the Government of India in the National Education Policy (NEP) 2020. It will facilitate the academic mobility of students with the freedom to study across the Higher Education Institutions in the country with an appropriate "credit transfer" mechanism from one programme to another, leading to attain a Degree/ Diploma/PG-diploma, etc. It will also create a digital infrastructure that will store the academic credits earned by the students of various higher education institutes within the country.

17.Skill development:

As college level we have various cells to enhance the various technical as well as social skills of students. To do this we organize various intradepartmental and intercollegiate activities for the students. We have started Electrochamps Club, Care club, Techno Club, E-saving Club, Talent Hunt Club, Tech- Mech Mania Club, Web Mania Club, Content Writing Club, Cycling Club, Sports Club, Photography Club, Painting Club, etc. at college level. Conducted various activities under this club to enhance the students skill.

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

Faculty and students are motivated to make the use of Indian Language while teaching They are encouraged to do online/ Offline courses to enhance their language skills. We always strive hard to promote and preserve Indian culture through various programs at our institute.

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

As per NEP 2020 we are focusing an outcome based education. We are using various innovative teaching learning practices to achieve learning outcome.

Page 9/131 22-08-2023 10:47:59

20.Distance education/online education:

Students and faculty memnbers are encouraged to do online certification through Swayam, NPTEL, etc. To motivate faculties to participate in UHV related FDP

| to participate in the related FDF | | |
|---|-----------------|------------------|
| Extended Profile | | |
| 1.Programme | | |
| 1.1 320 | | 320 |
| Number of courses offered by the institution acroduring the year | ss all programs | |
| File Description Documents | | |
| Data Template | | <u>View File</u> |
| 2.Student | | |
| 2.1 | | 1531 |
| Number of students during the year | | |
| File Description | Documents | |
| Institutional Data in Prescribed Format | | View File |
| 2.2 | | 1495 |
| Number of seats earmarked for reserved category State Govt. rule during the year | as per GOI/ | |
| File Description | Documents | |
| Data Template | | View File |
| 2.3 | | 300 |
| Number of outgoing/ final year students during the year | | |
| File Description | Documents | |
| Data Template | | <u>View File</u> |
| 3.Academic | | |
| 3.1 | | 101 |
| | | |

Page 10/131 22-08-2023 10:47:59

| Number of full time teachers during the year | | |
|---|-----------|-----------|
| File Description | Documents | |
| Data Template | | View File |
| 3.2 | | 101 |
| Number of sanctioned posts during the year | | |
| File Description | Documents | |
| Data Template | | View File |
| 4.Institution | | |
| 4.1 | | 27 |
| Total number of Classrooms and Seminar halls | | |
| 4.2 | | 228.16 |
| Total expenditure excluding salary during the year (INR in lakhs) | | |
| 4.3 | | 687 |
| Total number of computers on campus for academic purposes | | |

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

- 1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process
- 1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

The institute being affiliated to RashtrasantTukadojiMaharaj Nagpur University, Nagpur adheres to the syllabus and Academic Calendar prescribed by the University. The college systematically designs and develops action plans for effective implementation of the curriculum. The Principal of the institution conducts meetings regularly with the Deans and Heads of the Department to chalk out various strategies, for effective implementation of the curriculum and to achieve the objectives of outcome based education.

The development & deployment of processes and action plan for

effective implementation of the curriculum are detailed below:

- ? The institute's academic calendar is prepared by the Dean Academics along with academic committee in consonance with university academic calendar and approved by the Principal of the institute before commencement of every semester.
- ? Subjects are allotted to the faculties by Head of the department and the time table coordinator prepares time table for the semester considering the subject allotment and academic calendar. Class coordinator and class representative for each classes are finalized to monitor the engagement of the classes and students attendance.
- ? Monthly student's attendance reports are generated and corrective actions are taken.
- ? Internal examination are conducted and analyzed to monitor the performance of the students.

The feedback is taken from students on faculties, Library, laboratory, administration, curriculum, this feedback is analyzed and communicated to respective heads, faculties for the quality improvement.

https://www.anjumanengg.edu.in/Downloads/AQAR/2021-22/1.1.1CURRICULUM.pdf

| File Description | Documents |
|-------------------------------------|---|
| Upload relevant supporting document | <u>View File</u> |
| Link for Additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2021-22/1.1.1CURRICULUM.pdf |

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The academic calendar is released by the affiliating university and in accordance with that we frame our own academic calendar. The same academic calendar is published in the College prospectus and college website before the beginning of the session of every academic year. Institute ensures minimum 90 days of teaching per

semester.

The improvements made by the institute in ensuring rigor and transparency in the internal assessment are as follows:

- Student's performance is continuously evaluated through attendance, Continuous Assessment Test (CAT 1) & (CAT 2), evaluation of practical exercises and project work.
- Class teachers, teacher-guardians and head of the departments continuously monitor the student's performance.
- At the start of each semester, the head of the department interacts with students and conveys them about the internal assessment process.
- The internal assessment scheme is also displayed on the notice boards.
- The parents are also made aware of the internal assessment process during parent-teacher meets and induction programs.
- The institute has transparent internal mark evaluation scheme in all departments. The internal marks evaluation scheme is conveyed by head of the department to the students and Faculty members, at the start of each semester.

The evaluated answer sheets of every examination are shown to the students and the mark sheet is displayed on notice boards. Due weightage is given to the participation and achievements of students in different activities like certification of spoken tutorial, paper & project competitions, workshops, seminars, industrial training/internships, sports competitions etc.

| File Description | Documents |
|-------------------------------------|--|
| Upload relevant supporting document | <u>View File</u> |
| Link for Additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2021-22/1-1-2cONTINUOUS-EVALUATION.pdf |

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for

A. All of the above

UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

| File Description | Documents |
|---|------------------|
| Details of participation of teachers in various bodies/activities provided as a response to the metric | <u>View File</u> |
| Any additional information | <u>View File</u> |

1.2 - Academic Flexibility

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

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

6

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Minutes of relevant Academic Council/ BOS meetings | <u>View File</u> |
| Institutional data in prescribed format (Data Template) | <u>View File</u> |

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

6

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Brochure or any other document relating to Add on /Certificate programs | <u>View File</u> |
| List of Add on /Certificate programs (Data Template) | <u>View File</u> |

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total

Page 14/131 22-08-2023 10:47:59

number of students during the year

357

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Details of the students enrolled in Subjects related to certificate/Add-on programs | <u>View File</u> |

1.3 - Curriculum Enrichment

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

Secularism is ingrained in the institution's culture which is evident in the communal harmony among the students from various religion, ethnic, and socio-economic background.

Gender: Institution offers co-education;

- ? The institute promotes gender equality and elimination of unlawful discrimination and harassment by arranging different gender equality programs like TECHSAGA, CELESTIAL etc. Anti-ragging affidavit signed by the student and parent / guardian is compulsory, ensuring ragging is totally banned and anyone found guilty of ragging and/or abetting ragging is liable to be punished.
- ? The Institute also celebrates International Women's Day on 8th March by felicitation of all the lady teaching and non-teaching staff & students.

Environmental Education:

There is a need to focus on environmental issues which have caused climatic changes. To create a sense of awareness amongst the staff and the students: Programs such as tree plantation drive, poster presentation, Swach Bharat Abhiyaan, Plastic free drive, traffic awareness program etc. are being conducted on regular basis.

Human Values:

? Institute has Anjuman Peace & Humanity Club where students regularly organizes peace & humanity related activities like

distribution of food kits to needy people, blanket distribution etc.

? Various activities like blood donation camp, programs on communal harmony etc. are being conducted under the banner of NSS to instil the human values.

Institute also celebrate the international yoga day to generate health and fitness awareness towards the staff and students of ACET.

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum. | <u>View File</u> |

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

5

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Programme / Curriculum/ Syllabus of the courses | <u>View File</u> |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | <u>View File</u> |
| MoU's with relevant organizations for these courses, if any | <u>View File</u> |
| Institutional Data in Prescribed Format | <u>View File</u> |

1.3.3 - Number of students undertaking project work/field work/ internships

518

| File Description | Documents |
|--|------------------|
| Any additional information | <u>View File</u> |
| List of programmes and number of students undertaking project work/field work//internships (Data Template) | <u>View File</u> |

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

| File Description | Documents |
|---|--|
| URL for stakeholder feedback report | https://www.anjumanengg.edu.in/Downloads/A QAR/2021-22/1.4.1-stakeholder-feedback.pdf |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management | <u>View File</u> |
| Any additional information | <u>View File</u> |

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

| File Description | Documents |
|-----------------------------------|--|
| Upload any additional information | <u>View File</u> |
| URL for feedback report | https://www.anjumanengg.edu.in/Downloads/A OAR/2021-22/1.4.1-stakeholder-feedback.pdf |

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1531

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Institutional data in prescribed format | <u>View File</u> |

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

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

1495

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Number of seats filled against seats reserved (Data Template) | <u>View File</u> |

2.2 - Catering to Student Diversity

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

Anjuman College Engineering and Technology always have a culture of encouraging Bright students by providing them with necessary guidance, moral support, and motivation.

The advanced and slow learners are identified from performance in the internal assessment examinations, University results. Advanced and slow learners are motivated, encouraged, and mentored by the department and the institute. The learning needs of advanced and slow learners are fulfilled as follows:

- Expert Guest lectures on advanced topics are organized for Advanced Learners.
- Expert Guest lectures on basic topics are organized for Slow Learners.

Mentors are assigned to various classes. Student's deviation from studies is monitored by class coordinators the faculties have periodic meetings with parents, as both parents and faculties will create a positive mindset and will help to overcome inabilities and hurdles faced by weak students.

| File Description | Documents |
|---------------------------------------|--|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/2.2.1-All-List%20of%20Guest%20 Lectures%20Organised%20for%20Advanced%20an d%20Slow%20Learners.pdf |
| Upload any additional information | <u>View File</u> |

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 1531 | 101 |

| File Description | Documents |
|----------------------------|------------------|
| Any additional information | <u>View File</u> |

2.3 - Teaching- Learning Process

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

The learning needs of the students are catered to through formal and informal feedback taken from studentsand staff members and the activities are executed.

Experiential Learning, and Participative Learning:

- Workshops, group discussions, seminars, quizzes, and poster presentations on different technologies areOrganized for thestudents.
- Seminar hall and tutorial rooms are made available for students to conduct seminars, guest lectures, Workshops, tutorials, and other student-centric activities

Problem-based learning (PBL) is a student-centric pedagogy in which students learn about the subjectThrough the experience of solving an open-ended problem.

- Mini and major projects are assigned to the student based on the problem-solution methodology.
- The groups are formed among the students for the project work, these project groups carry a literature survey and identify potential problems in the existing systems. They

Page 19/131 22-08-2023 10:47:59

are required to define the objectives and provide the possible theory and hypothesis to it.

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/2.3.1-All-Project+Student%20Ce ntric%20Experiental%20Learning%20Participa tive%20Learning%20Seminars%20Workshops-222 3.pdf |

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

To facilitate innovative and creative teaching-learning, the faculty is required to prepare detailed coursefiles which consist of course schedules and the subject teaching notes. The teaching notes are elaborate andare also available in digital form. Modern teaching aids are used for innovative teaching.

- 1. Method of Innovative Teaching: The faculty tries to bring innovation in teaching by use of various methods and multimedia tools such as NPTEL course materials, ICT tools, and YouTube videos for firsthand knowledge, discussion on platforms, learning through projects, and teaching through analogy. As a result, the students can also refer to NPTEL lectures which are mostly delivered by NIT/ IIT faculties.
- 2. Expert lectures for different courses are being delivered through this initiative. In addition, faculty members supplement their classroom teaching and lab courses through video films, animations, simulations, and live examples.
- 3. Interactive Learning: Depending on the contents of the syllabus, the faculty members facilitatemethodologies such as group interactions and problem-solving, and technical case studies. Studentsprepare power point presentations and related notes on the assigned topics. The Studentspresent seminars on the given topics in the class under the guidance of the teacher.

| File Description | Documents |
|---|------------------|
| Upload any additional information | <u>View File</u> |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | <u>View File</u> |

${\bf 2.3.3}$ - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

101

| File Description | Documents |
|--|------------------|
| Upload, number of students enrolled and full time teachers on roll | <u>View File</u> |
| Circulars pertaining to assigning mentors to mentees | <u>View File</u> |
| Mentor/mentee ratio | <u>View File</u> |

2.4 - Teacher Profile and Quality

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

101

| File Description | Documents |
|--|------------------|
| Full time teachers and sanctioned posts for year (Data Template) | <u>View File</u> |
| Any additional information | <u>View File</u> |
| List of the faculty members authenticated by the Head of HEI | <u>View File</u> |

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

Page 21/131 22-08-2023 10:47:59

| File Description | Documents |
|--|------------------|
| Any additional information | <u>View File</u> |
| List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template) | <u>View File</u> |

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

1272

| File Description | Documents |
|--|------------------|
| Any additional information | <u>View File</u> |
| List of Teachers including their PAN, designation, dept. and experience details(Data Template) | <u>View File</u> |

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Institute Reforms:

The institute conducts Continuous Assessment Tests to assess the student's performance. The internal assessment criteria is defined by Dean Academics and approved by the Principal from time to time. Besides assessing through tests the students' performance is also checked through the teacher's assessment scheme where marks are allotted on assignments, attendance, seminar, etc

Our institute has adopted transparent internal assessment schemes in all departments. Weightage is given to the participation and achievements in different activities like paper & project competitions, workshops, seminars, industrial training/internships, etc

Internal marks of practical are awarded on the basis of

attendance, Continuous Assessment, Viva, etc

Head of the department monitors the internal assessment of the students. Any change in the evaluation reforms of the University is incorporated after deliberation and approval by concerned authorities and the same is circulated among all. At the end of each semester, class teachers display the internal marks scored by the students. The studentsection of the institute ensures that all the students' relevant issues are conveyed to University as per requirement.

| File Description | Documents |
|---------------------------------|--|
| Any additional information | <u>View File</u> |
| Link for additional information | https://www.anjumanengg.edu.in/Downloads/A OAR/2022-23/2.5.1-All-Academic- Calender+Internal%20Assessment-2223.pdf |

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

At Institute Level: The internal evaluation is majorly focused on students' attendance and their marks in Continuous Assessment Tests. The mechanism for redress of grievance with reference to internal evaluation is as follows:

The class teacher displays the attendance report on the notice board at the end of every month and students having any discrepancy gets corrected by approaching the concerned class teacher with due permission from the head of the department. Students who have taken prior permissions for leaves from the head of the department or genuine students with medical reasons are generally considered.

Faculty members evaluate the answer sheets of the Continuous Assessment Test and the evaluated answer sheets are shown to the students. Students' grievances related to the evaluation are addressed to the concerned faculty. In each department, the final internal assessment marks of the students are displayed. Class teachers and the head of the department address the queries of students, if any.

At the University level:

The University level grievances of the students are directed

through the Administrative office. Any grievances related to admit cards, roll numbers, etc are addressed to the University and corrected within time before the commencement of the examination. The student is entitled to apply for a challenge to valuation in theory subjects by applying and paying the prescribed fee to the University. The challenge forms of the students are directed to the University through the student section.

| File Description | Documents |
|---------------------------------|---|
| Any additional information | <u>View File</u> |
| Link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/2.5.2-All-Notice-By-HOD-Mechan ism%20of%20Internal%20Examination%20Relate d%20Grievances-2223.pdf |

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Mechanism of Communication of COs and POs:

- COs and POs are displayed on the website of ACET and WhatsApp group by a mentor.
- COs and POs are discussed with the students at the beginning of the session.
- The COs are also written in the attendance register of Theory and Practical.
- The COs of Practical is also written in the practical record of each subject.
- COs are mentioned on the question paper and Lab course handouts.
- CO-PO are displayed in individual Laboratories.

| File Description | Documents |
|---|---|
| Upload any additional information | <u>View File</u> |
| Paste link for Additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/2.6.1-%20P0%20and%20C0%20Displ ayed%20on%20Website- Link%20of%20the%20CO's.pdf |
| Upload COs for all Programmes (exemplars from Glossary) | <u>View File</u> |

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Student learning outcomes are assessed through the attainment of Course Outcomes and Program outcomes

Assessment of Attainment of Course Outcome (CO):

The CO assessment for each course is done by individual faculties and assessed by the course coordinatorat the end of the semester. The assessment process has two following ways.

The direct tools for courses are described as below:

- Internal Examination (Theory Internal), (Theory internal based on CAT-I, CAT-II, Seminar Presentation, Group discussion, Viva, attendance)
- University Examination (TU-Theory Exam)

The results of the direct method and indirect method are combined and the final level of attainment ofcourse outcome is obtained for each subject. Based on the attainment of the Course Outcomes, the accreditation committee suggest a suitable modification to be incorporated direct assessment methods and indirect methods.

| File Description | Documents |
|---------------------------------------|--|
| Upload any additional information | <u>View File</u> |
| Paste link for Additional information | https://www.anjumanengg.edu.in/Downloads/A OAR/2022-23/2.6.2-All-CO- Attainment-2223.pdf |

2.6.3 - Pass percentage of Students during the year

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

300

| File Description | Documents |
|---|--|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | <u>View File</u> |
| Upload any additional information | <u>View File</u> |
| Paste link for the annual report | https://www.anjumanengg.edu.in/Downloads/a nnual-report-22-23.pdf |

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 weblink)

https://acetacademic.com/Pages/Administration/Examination/StatisticsPublic.aspx

RESEARCH, INNOVATIONS AND EXTENSION

- 3.1 Resource Mobilization for Research
- 3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)
- 3.1.1.1 Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

26.90

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| e-copies of the grant award letters for sponsored research projects /endowments | <u>View File</u> |
| List of endowments / projects with details of grants(Data Template) | <u>View File</u> |

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

8

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Institutional data in prescribed format | View File |

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

2

| File Description | Documents |
|---|-----------------------------|
| List of research projects and funding details (Data Template) | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Supporting document from Funding Agency | <u>View File</u> |
| Paste link to funding agency website | https://www.aicte-india.org |

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Institute has created an ecosystem for Research and Innovation by

(i) taking initiative for creation and dissemination of knowledge

and (ii) establishing research laboratory:

Incubation center:

This centre has been established to facilitate innovative, flexible

and economical solutions to problems. A Innovation Centre has also

been established to display products made by students .The Institute

recognise as host institute for the implimentation of scheme .The scheme is Support for entrepreneurial & managererial development of

MSMEs through incubator. Research laboratory:

Excellent research infrastructure has been created, both through external funding source that include, AICTE and also through institute funding. Central facilities and research Laboratory have

been established that are accessible to all. It is ensured that they

are optimally utilized. The Institute has developed several research

lab in the area of research. These include: sound assisted fluidization for co2 capture and sound assisted cooling. and has sanctioned project from government of india and has received Sponsored research projects amounting to more than INR 10 lakhs from

AICTE.

Some other initiatives include:

- 1. Entrepreneurship lectures.
- 2. Visits to industries
- 3. Organization of Technofest (Tech saga) to foster creativity and innovation along with other creative art contests.
- 4. Project work for all students.
- 5. Annual exhibits of Models and Innovative ideas of students .

6. Skill training to augment potential for start-ups through

| File Description | Documents |
|---------------------------------------|--|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://www.anjumanengg.edu.in/incubationceell.php |

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

19

incubation center

| File Description | Documents |
|--|------------------|
| Report of the event | <u>View File</u> |
| Any additional information | <u>View File</u> |
| List of workshops/seminars during last 5 years (Data Template) | <u>View File</u> |

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

8

| File Description | Documents |
|---|------------------------------------|
| URL to the research page on HEI website | https://anjumanengg.edu.in/rnd.php |
| List of PhD scholars and their details like name of the guide, title of thesis, year of award etc (Data Template) | View File |
| Any additional information | <u>View File</u> |

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website

during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

140

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| List of research papers by title, author, department, name and year of publication (Data Template) | View File |

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/international conference proceedings year wise during year

23

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| List books and chapters edited volumes/ books published (Data Template) | <u>View File</u> |

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

It advances the intellectual development of our students using

modern engineering curricula focused on quantitative and predictive

methods towards sensitizing as an overall individual, academic and

professional mentoring and service-based learning. Promotion of

extension activities in neighbourhood community: - 1.Blood Donation

Camp:-The Institution has organized blood donation camps in collaboration with blood banks since inception with an

enthusiastically participation of students. 2. Competitive

exam guidance :-Staff has conducted academic classes as an Education

responsibility for 12th class students for various exams like MHTCET.

JEE etc. 3. Drugs awarenessProgram: - Programe was organised for awarenes about drugs for students

4. 'Swachhata pakhwada ':-Cleaning Awareness Camps have been organized bycollege students

campus. 5. Career guidance: - Career guidance programs conduction at

various schools and colleges. 6. Utility project donation :- Final year projects were donated to society having utility.

- 7. Swacha Bharat swasth Bharat programme was oraganised by NSS
- 8. Visit to Panchvati Vrudha asharam Department of electronics and communuication oraganised this event for students. Students help old community in this visit .
- 9. Winter cloths donation drive This event was organised by department of artificial intelligence and data science for social community benifits .

Institutecomprises of dedicated students consistently

improving their skills about social and environmental activities,

sustainable development and passion for social ethics, with service

orientation and holistic development.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/A QA R/2021-22/NEW-NSS-ACTIVITY-21-22.pdf |
| Upload any additional information | <u>View File</u> |

- 3.4.2 Number of awards and recognitions received for extension activities from government / government recognized bodies during the year
- 3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

05

| File Description | Documents |
|--|------------------|
| Any additional information | <u>View File</u> |
| Number of awards for extension activities in last 5 year (Data Template) | <u>View File</u> |
| e-copy of the award letters | <u>View File</u> |

- 3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year
- 3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

13

| File Description | Documents |
|--|------------------|
| Reports of the event organized | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template) | <u>View File</u> |

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

Page 32/131 22-08-2023 10:47:59

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1282

| File Description | Documents |
|---|------------------|
| Report of the event | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Number of students participating in extension activities with Govt. or NGO etc (Data Template) | <u>View File</u> |

3.5 - Collaboration

- 3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/internship during the year
- 3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

310

| File Description | Documents |
|--|------------------|
| e-copies of related Document | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Details of Collaborative activities with institutions/industries for research, Faculty | View File |

- 3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year
- 3.5.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

10

| File Description | Documents |
|--|------------------|
| e-Copies of the MoUs with institution./ industry/corporate houses | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Details of functional MoUs with institutions of national, international importance, other universities etc during the year | <u>View File</u> |

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning. viz., classrooms, laboratories, computing equipment etc.

An adequate infrastructure is provided at the institute as per the norms specified by AICTE, Modernization and updating of infrastructure resources are carried out from time to time even over and above the norms of AICTE

Classrooms: are well-ventilated with natural air and are having abundant sunlight along with LCD Projectors, and Smart Boards.

HEI has updated its laboratories for the newly introduced Artificial Intelligence & Data Science branch. AI & DS Department has a well-developed laboratory equipped with modern facilities and learning resources to achieve academic excellence according to its vision and strategic objectives.

AI & DS Laboratory is equipped with the advanced configuration of i7 computers and equipment which allow the students to explore and learn. The total cost of investment for the same is about Rs 35,18,565 /-

All the labs are having proper lighting and ventilation. The computer laboratory has a sufficient number of computers with the latest configuration along with printers, scanners, and photocopiers The College has a lush green and dust-free campus along with well-defined internal RCC roads for easy movement. The details of the infrastructure faculties are illustrated in additional information

| File Description | Documents |
|---------------------------------------|--|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/4.1.1%20ICT%20Enabled%20Labs.p df |

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

The institute is well-equipped and provides various Indoor and outdoor facilities for promoting games

The institute is also well-equipped with Gymnasium and Auditorium. Students from various branches participated in the national-level completion through the parent university Rashtrasant Tukdoji Maharaj Nagpur University. The details are listed below and reports are attached in the additional information.

- 1. Nagpur District Tug of war competition under RTMNU held on dated 2 October 2022
- 2. RTMNU Inter College football tournament held on dated 10/10/202 to 14/10/2022
- 3. RTMNU Inter College Chess competition held on dated 12/10/202 to 14/10/202
- 4. RTMNU Inter College Kabbadi competition held on dated 10/10/22 to 13/10/2022
- 5. RTMNU Inter College Basketball tournament held on dated 28/10/2022
- 6. RTMNU Inter College Badminton competition held on dated 16/11/2022 to 19/11/2022
- 7. RTMNU powerlifting competition held on dated 27/11/22 to 29/11/2022
- 8. RTMNU SEPAK tournament held on dated 16/12/2022 to 17/12/2022
- 9. RTMNU Inter College Cricket tournament held on dated

9/1/2023 to 20/1/2023

- 10. All India intercollege Tug of war competition held on dated 14/1/2023 to 17/1/2023
- 11. Khasdaar Krida Mahotsav 2023 (Tug of war competition) held on dated 16/1/2023 to 17/1/2023 and many more provided in additional info

HEI also celebrated its annual function Celestial 2023 .The reportis enclosed.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://www.anjumanengg.edu.in/sports.php |

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

27

| File Description | Documents |
|--|--|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2021-22/4.1.3ICT- Enable-%20classrooms-&-Seminar%20Hall.pdf |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | <u>View File</u> |

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

7.42

| File Description | Documents |
|--|------------------|
| Upload any additional information | <u>View File</u> |
| Upload audited utilization statements | <u>View File</u> |
| Upload Details of budget allocation, excluding salary during the year (Data Template | <u>View File</u> |

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The library of this institute was established in the year 1999. This library has been a fully computerized (Automated) library since the year 2006; a library management system is software that is designed to manage all the functions of a library. It helps the librarian to maintain the database of new books and the books that are borrowed by members along with their due dates. This system completely automates for library's activities. The best way to maintain, organize, and handle countless books systematically is to implement a library management system software.

A library management system is used to maintain library records. It tracks the records of the number of books in the library, how many books are issued, how many books have been returned or renewed or late fine charges, etc.

Users can find books in an instant, issue/reissue books quickly, and manage all the data efficiently and orderly using this system. The purpose of a library management system is to provide instant and accurate data regarding any type of book, thereby saving a lot of time and effort.

| File Description | Documents |
|--|--|
| Upload any additional information | <u>View File</u> |
| Paste link for Additional Information | https://www.anjumanengg.edu.in/about- library.php |

4.2.2 - The institution has subscription for the A. Any 4 or more of the above following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-

Page 37/131 22-08-2023 10:47:59

books Databases Remote access toe-resources

| File Description | Documents |
|---|------------------|
| Upload any additional information | <u>View File</u> |
| Details of subscriptions like e- journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template) | <u>View File</u> |

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

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

0.32

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Audited statements of accounts | <u>View File</u> |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | <u>View File</u> |

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

275

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Details of library usage by teachers and students | <u>View File</u> |

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Institute is updating its IT facilities time to time. In 2012-13. Institute has 543 computers with P IV and above configuration. Every department has computer labs equipped with

internetfacility and all the PC have LAN connectivity. In 2014-15 new i5computers were purchased including laptop and servers.

In the year 2016-17, the institute had 611 latest computers with P IV and above processors that delivered high performance and efficiency. The institute also had a 100 mbps internet speed with Wi-Fi facility that covered the entire campus. The institute installed 8 hotspots at various locations such as CSE, S&H, Principal Cabin, Admission Cell, Electrical, etc. The Wi-Fi services and facilities enabled easy and convenient online access and communication for everyone at the institute. These features reflected the institute's dedication to providing its members with the best IT resources and facilities.

In 2022-23, the institute added 55 i5 computers and 5 i7 computers that provide even more power and speed for complex tasks and applications. Moreover, the institute increased its internet bandwidth to 300 Mbps,

Student Computer Ratio: UG -1:6 and PG -1:4

Total computer 687, all are in working condition and for students 402

| File Description | Documents |
|---------------------------------------|--|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/4.3.2Final.pdf |

4.3.2 - Number of Computers

402

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | <u>View File</u> |
| List of Computers | <u>View File</u> |

4.3.3 - Bandwidth of internet connection in A. ? 50MBPS the Institution

22-08-2023 10:47:59

| File Description | Documents |
|--|------------------|
| Upload any additional Information | <u>View File</u> |
| Details of available bandwidth of internet connection in the Institution | <u>View File</u> |

4.4 - Maintenance of Campus Infrastructure

- 4.4.1 Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)
- 4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

220.73

| File Description | Documents |
|--|------------------|
| Upload any additional information | <u>View File</u> |
| Audited statements of accounts | <u>View File</u> |
| Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates) | <u>View File</u> |

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

Policies details of systems and procedures for maintaining and utilizing physical Academic and Support facilities 1. Supervisors & external agency were hired to look after the house keeping of the complete institute. 2. The computer hardware, software and its networking are taken care by Lab Assistant & maintenance engineers of Computer Science & Engineering, Electronics and Telecommunication Department. 3. Regular maintenance of equipment in all laboratories were carried out by the technical staffs at the departmental level while in some cases it is referred to the sales & service department of the equipment manufacturer or a service provider. Concerned laboratory in-charge refers the case to HOD. Then HOD refers to the service provider. 4. Institute has employed technicians for up keeping and maintenance of electrical equipments, drinking water facilities and drainage faculties. 5. Security staffs were employed on contract basis to safe guards the whole premises. 6. Annual stock verification were done in all

departments and reports of Damaged/Non functional equipments were forwarded. Necessary repair were undertaken accordingly. 7. Annual maintenance and repairing of infrastructure were carried out under Civil Infrastructure committee. 8. Software up gradation of each Departmental Labs were done under AMC. 9. Building accessories viz Lift ,Firefighting system etc were well installed and the maintenance of the same were carried out effectively through AMC (Annual maintenance contract) 10. MIS (Management Information System) of the college were well established and the automation were done to keep students performance academically and other records.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/4.4.2%20Policies%20for%20physi cal%20Academic%20and%20Support%20facilitie s.pdf |

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1373

| File Description | Documents |
|---|------------------|
| Upload self attested letter with the list of students sanctioned scholarship | <u>View File</u> |
| Upload any additional information | <u>View File</u> |
| Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template) | <u>View File</u> |

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

Page 41/131 22-08-2023 10:47:59

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

125

| File Description | Documents |
|--|------------------|
| Upload any additional information | <u>View File</u> |
| Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | <u>View File</u> |

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

| File Description | Documents |
|---|---|
| Link to Institutional website | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/5.1.3%20 Capacity building and skill enhancement 22-23.pdf |
| Any additional information | <u>View File</u> |
| Details of capability building and skills enhancement initiatives (Data Template) | <u>View File</u> |

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

789

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

789

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template) | <u>View File</u> |

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization 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

A. All of the above

| File Description | Documents |
|--|------------------|
| Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee | <u>View File</u> |
| Upload any additional information | <u>View File</u> |
| Details of student grievances including sexual harassment and ragging cases | <u>View File</u> |

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

257

Page 43/131 22-08-2023 10:47:59

| File Description | Documents |
|--|------------------|
| Self-attested list of students placed | <u>View File</u> |
| Upload any additional information | <u>View File</u> |
| Details of student placement during the year (Data Template) | <u>View File</u> |

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

6

| File Description | Documents |
|--|------------------|
| Upload supporting data for student/alumni | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Details of student progression to higher education | <u>View File</u> |

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

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

4

| File Description | Documents |
|--|------------------|
| Upload supporting data for the same | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Number of students qualifying in state/ national/ international level examinations during the year (Data Template) | <u>View File</u> |

5.3 - Student Participation and Activities

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

Page 44/131 22-08-2023 10:48:00

one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

8

| File Description | Documents |
|--|------------------|
| e-copies of award letters and certificates | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Number of awards/medals for outstanding performance in sports/cultural activities at unive rsity/state/national/international level (During the year) (Data Template) | <u>View File</u> |

5.3.2 - Institution facilitates students' representation and engagement in various administrative, cocurricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Annually , the members of student council body elects the Student President & Secretary. The class representatives of final year are eligible for contesting the post of Students Secretary. The Student President & Secretary represents the college in university

meetings related to sports, cultural activities and other programs organized by the Rashtrasant Tukadoji Maharaj Nagpur University. University and college representative look after the students support activities.

In each semester, minimum two meetings between Dean Student Activities and Welfare and student Council members take place, where various matters related to Studies, Sports, Cultural activities, participation in various inter collegiate programs, grievances of students, and matters related to Administrative Work are discussed. The various student bodies are Academic Committee, Sports Committee, Training And Placement, NSS Cell, Student Grievance Cell, Discipline Committee, III Cell, ED Cell, ICC and Women's cell etc.

All these bodies have minimum three members from each department, one member each from 2nd year, 3rd year and 4th year. Apart from this each department has its own student forum, the X-TREME forum

of Electronics and Communication department ,KRANS forum of Computer Science and Engineering department, PHOENIX forum of Electrical department, MESA forum of Mechanical department, and ACES forum of Civil department.

The students of second year and third year are motivated for Industrial Visit at the industries situated near to the Nagpur city.

The student council members also participated in number of social works such as blood donation, tree plantation, visit to orphanage, honesty corner, day celebrations etc

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/5.3.2-(SD)-22-23-latest.pdf |
| Upload any additional information | <u>View File</u> |

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

8

| File Description | Documents |
|--|------------------|
| Report of the event | <u>View File</u> |
| Upload any additional information | <u>View File</u> |
| Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template) | <u>View File</u> |

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

We have registered Alumni Association.

| File Description | Documents |
|---------------------------------------|--|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/5.4.1-SUPPORTING-DOC-22-23.pdf |
| Upload any additional information | <u>View File</u> |

5.4.2 - Alumni contribution during the year E. <1Lakhs (INR in Lakhs)

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | <u>View File</u> |

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Vision

To be a centreof excellence for developing technocrats with moral and social ethics, to face the global challenges for the sustainable development of the society.

Mission

- To create conducive academic culture for the learning and identifying career goals.
- To provide quality technical education, research opportunities and imbibe entrepreneurship skills, contributing to the socioeconomic growth of the nation.
- To inculcate values and skills, that will empower our students towards development through technology

We at Anjuman college of Engineering & Technology are committed to create conducive academic culture for learning and identifying career goals to provide quality technical education of the

institute, research opportunities and imbibe entrepreneurship skills, contributing to the socio-economic growth of the nation and to inculcate values, skills that will empower our students, towards development through technology. The College is recognized by UGC, approved by AICTE and affiliated to RTMNU. The college is managed by eminent personality like Retired Justice Z.A.Haq Administrator, Mr. Anees Ahmad Offg.CEO A.H.I, and Dr.S. M. Ali Principal. The administrative system consists of Principal, Deans and Heads of various departments. Principal with Deans are responsible for formulating institute vision tuned policies. H.O.D's & faculties are responsible for implementing the various policies.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://anjumanengg.edu.in/Downloads/AQAR/ 2022-23/6.1.1-The-governance-of-the-instit ution-is-reflective-of-and-in-tune-with-th e-vision-and-missio-of-the- instit%20ution.pdf |
| Upload any additional information | <u>View File</u> |

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

The strategic policies and perspective plans for the institute are formulated collectively by the Principal and faculty together to ensure effective implementation. College has various committees to implement the strategic policies and prospective plans. As an example, the Purchase Committee has been formulated to take care of the purchase processes of the institute. The Purchase Committee consists of members from the Teaching faculty, as nominated by the Principal. The faculty members, in consultation with the Head of the Department, propose the equipment / items to be purchased, as per the department. Letter of permission for procurement of the specified items, are then sanctioned by the Administrator / CEO / Principal. The permission letter is then submitted to the Purchase Committee & committee calls for sealedquotations as per required specification. The suppliers are then called for negotiation, in presence of the Principal and Administrator. After the negotiations, the supplier is finalized and purchase initiated. As soon as the equipment/ material is received, the items are verified by the Store-In charge and inspected by members of the concerned department. The process for billing is then initiated by the purchase committee.

| File Description | Documents |
|---------------------------------------|--|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/6.1.2-The-effective-leadership -is-visible-in-various-institutional-pract ices-such-as-decentralization-and- participative-management.pdf |
| Upload any additional information | <u>View File</u> |

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/perspective plan is effectively deployed

Strategic Goals

The team of the ACET guided by the Mission and Vision of the institute and has framed the institutional strategic Goals

- · Focusing on an effective teaching-learning process.
- · Ensuring good Governance.
- · Establishing a continuous internal quality assurance system.
- · Concentrate on Industry Integration and partnership
- Enhancement of Alumni interaction cell and promotion of outreach activities
- · Serving the society and community through our Alumni
- · Developing physical infrastructure.
- · Provide financial support to the students
- Availing of the various professional technical membership viz ISTE, ICT.

Strategy Development and Deployment

1. Academic activity:

Academic work includes curricular and co-curricular activities.

Each subject teacher has to prepare an academic plan for their subject(s) before the commencement of coursework. The teachers have to take up the teaching lecture assigned to them. They should also organize co-curricular and extra-curricular activities. They have to perform every administrative/ mentoring work assigned to them from time to time. In addition, they are expected to carry out Research and Consultancy activities.

2. Publicity work: The publicity committee works to make the students aware of college academics, placements & research works.

Other details are mentioned inStrategic Plan and deployment documents

| File Description | Documents |
|--|--|
| Strategic Plan and deployment documents on the website | <u>View File</u> |
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/6.2.1-The-institutional-Strate gic-perspective-plan-is-effectively- deployed.pdf |
| Upload any additional information | <u>View File</u> |

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

The Institute is governed by Anjuman Hami-e-Islam, with Retd. Justice Hon'ble Z.A. Haq as Administrator. The Principal is the head of the Institute, working under the ambit of the governing trust. College Development Committee and IQAC are formed to devise plans and guidelines for overall development of the institute. Various Deans are in office for Administration, Academics, R&D and Students Activity. Each department has competent faculties and non teaching staff members to implement the suggested guidelines and policies. The Institute also has a full-fledged Library section. The training and placement department has a number of cells formed under its umbrella to achieve the mission of the Institute. Different committees are formed to perform specific required functions like purchase, maintenance, etc. The administrative officer works with the accounts section, office staff, store incharge and different committees to complete the official work of the Institute. The Dean (Students) is responsible for the proper functioning of the Students council.

A number of bodies have been formed for effective functioning of the Institute. Some of the committees are shown below:

- 1. Academic Monitoring Committee
- 2. Discipline Committee
- 3. Women's Cell
- 4. Anti-Ragging Cell
- 5. Alumni Committee
- 6. Website update committee
- 7. College Magazine Committee
- 8. Exam Committee
- 9. Purchase Committee

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/6.2.2_2-The-functioning-of-the _institutional-bodies-s-effective-and- efficient-as-visible-from-policies.pdf |
| Link to Organogram of the institution webpage | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/6.1.1-The-governance-of-the-in stitution-is-reflective-of-and-in-tune-wit h-the-vision-and-missio-of-the- instit%20ution.pdf |
| Upload any additional information | <u>View File</u> |

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

| File Description | Documents |
|--|------------------|
| ERP (Enterprise Resource Planning)Document | <u>View File</u> |
| Screen shots of user inter faces | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Details of implementation of e- governance in areas of operation, Administration etc(Data Template) | <u>View File</u> |

6.3 - Faculty Empowerment Strategies

- 6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

 The effective measures for teaching and non-teaching staff are:
- 1. Medi-claim Insurance for employees
- 2. Employees Provident Fund
- 3. Gratuity
- 4. Provision of Maternity Leave.
- 5. Special leave provision for faculty members pursuing higher qualifications like Ph.D.
- 6. Concession in fees to Wards of employees.
- 7. Provision of CCTV camera for security of the employees as well as students
- 8. Provision of First Aid Box / Sick Room.

| File Description | Documents |
|---------------------------------------|--|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/6.3.1-The-institution-has-effe ctive-welfare-measuresfor-teaching-and- nonteaching-staff.pdf |
| Upload any additional information | <u>View File</u> |

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

34

| File Description | Documents |
|--|------------------|
| Upload any additional information | <u>View File</u> |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | <u>View File</u> |

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

5

| File Description | Documents |
|---|------------------|
| Reports of the Human Resource Development Centres (UGCASC or other relevant centres). | <u>View File</u> |
| Reports of Academic Staff College or similar centers | <u>View File</u> |
| Upload any additional information | <u>View File</u> |
| Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template) | <u>View File</u> |

- 6.3.4 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 etc.)
- 6.3.4.1 Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

| File Description | Documents |
|---|------------------|
| IQAC report summary | <u>View File</u> |
| Reports of the Human Resource Development Centres (UGCASC or other relevant centers) | <u>View File</u> |
| Upload any additional information | <u>View File</u> |
| Details of teachers attending professional development programmes during the year (Data Template) | <u>View File</u> |

6.3.5 - Institutions Performance Appraisal System for teaching and non-teaching staff

Performance Appraisal of the staff is done at the end of each academic year. For this purpose, self-appraisal forms are filled up by the staff members themselves. The form is provided by the institute itself, based on the criteria it feels needed to be covered. Aided by these appraisal reports, performance appraisal of the faculty is done on the basis of the following major parameters: Feedback from students on the teaching performance of the faculty members. Feedback given by the students for each staff member is analyzed. Shortcomings or lacunae, if any, are conveyed to the staff members for self-improvement. Research work done by the staff members, as quantified by their research publications in journals and conferences. Apart from academic performance, the contributions of the faculty members in the administrative and developmental activities of the college are also taken into account. Faculty dedication, attitude, and commitment toward their work are also considered while appraising them

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://anjumanengg.edu.in/Downloads/AQAR/ 2022-23/6.3.5-Institutions-Performance-App raisal-System-for-teaching-and-non- teaching-staff.pdf |
| Upload any additional information | <u>View File</u> |

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Internal audit is conducted by an internal audit committee, which is appointed by the Principal. After thorough verification, the internal audit committee submits its appraisals and recommendations to the Principal for follow up action. The college accounts are also audited by a qualified external chartered accountant. There have been no major audit objections as advised by the chartered accountant. The Fee Regulatory Authority (FRA) increases or decreases the fees of the college after conducting a thorough audit.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/6.4.1-Institution-conducts-int ernal-and-external-financial-audits- regularly.pdf |
| Upload any additional information | <u>View File</u> |

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

37,44,290

| File Description | Documents |
|--|------------------|
| Annual statements of accounts | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Details of Funds / Grants received from of the non- government bodies, individuals, Philanthropers during the year (Data Template) | <u>View File</u> |

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The Institute has a well defined mechanism to monitor effective

and efficient use of available resources and fund mobilization. The college obtains proposals from concerned respective departments in which the teaching and non-teaching members are involved. The Purchase and Stores Committee of the college, headed by senior faculty members, collects all the purchase proposals with quotations and comparative statements. The committee prepares the consolidated proposal and submits it to the Principal for approval. The Principal in turn allocates budget for the proposals. Purchases are made with the recommendations of duly constituted Purchase Committee. The amount sanctioned for the proposal withdrawn from the banks follows a systematic mechanism of obtaining the signatures of the account officer, Purchase Committee, Principal and Administrator. Committees are annually formed which monitors the stock verification process at the end of each academic year. Further the financial resources are monitored by Assistant Accounts Officer, Principal and Management. Fees income is the major source of funding to the college. In this regard the income & expenditure amount statements for the preceding five years have been enclosed. The college currently has no financial deficit.

| File Description | Documents |
|---------------------------------------|--|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/Audited-Financial- Report-22-23.pdf |
| Upload any additional information | <u>View File</u> |

6.5 - Internal Quality Assurance System

- 6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes
- 1. Successfully Conducted National seminar on Topic "Fostering the best practices and outreach activities in HEI with accordance to NEP-2020".
- 2.Successfully conducted the FDP/Workshop/STTP in collaboration with NITTR Chandigarh as center coordinator conducted in various departments.
- 3. Successfully conducted Workshop on NAAC criteria by former vice chancellor RTM Nagpur University.
- 4. Successfully Conducted External AAA (Annual Academic Audit) for

the academic session 2022-23.

- 5. Successfully initiated & executed Energy and green Audit.
- 6.Successfully Conducted IIIC (Institute Industry interaction cell) program "SAMAWESH".
- 7.Successfully conducted Workshop on frame working of NAAC accreditation criteria
- 8. Sanctioned RPS scheme from Govt for HEI's for doing Ph-D scholar Funds.

| File Description | Documents |
|---------------------------------------|--|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/6.5.1%20Internal%20Quality%20A ssurance%20Cell%20(IQAC)%20has%20contribut ed%20significantly%20for%20institutionaliz ing%20the%20quality%20assurance%20strategi es%20and%20processes.pdf |
| Upload any additional information | <u>View File</u> |

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Best Practice 1

Title of the Practice: - "Bridging Academia and Industry: Empowering Students through Internship Programs"

https://anjumanengg.edu.in/Downloads/AQAR/2022-23/bestpractice1.pdf

https://anjumanengg.edu.in/Downloads/AQAR/2022-23/7.2-bestpractice 1-additional-data.pdf

Best practice 2

Title of the Practice: - "Fostering Holistic Development through Student Club Activities"

https://anjumanengg.edu.in/Downloads/AQAR/2022-23/bestpractice2.pd

f

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://anjumanengg.edu.in/Downloads/AQAR/ 2022-23/7.2-bestpracticel-additional- data.pdf |
| Upload any additional information | <u>View File</u> |

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

| File Description | Documents |
|--|--|
| Paste web link of Annual reports of Institution | https://www.anjumanengg.edu.in/Downloads/a nnual-report-22-23.pdf |
| Upload e-copies of the accreditations and certifications | <u>View File</u> |
| Upload any additional information | <u>View File</u> |
| Upload details of Quality assurance initiatives of the institution (Data Template) | <u>View File</u> |

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Right to equality is one of our six fundamental rights in the India and ACET ensures equal rights, responsibilities and opportunities to all staff members and students. The Institutes provides learning opportunities that enable them to adopt good practice in maintaining gender equality. The college provides inclusive environment for both gender. It operate fair and

transparent procedure to all staff members and students for their assessment, progress and gives equal opportunity in college activities.

Institute has conducted following activities under gender equality initiative, few are listed below:-

Sr.No

Activities Conducted for Gender Equality

Target Participants

Action Plan

1

Online quiz on women's day and Fatima Sheikh(1st Muslim Women Teacher)

Date:08th Mar 2023

Students(Boys & Girls) and Staff

- For right to influence social change for themselves and others.
- Promoting women's sense of self-worth, their ability to determine their own choices

2

Women empowering rally

Date: 09th Mar 23

Students

(Boys & Girls) and Staff

• To spread message of brotherhood, and to motivate students to donate for underprivileged sector of society.

3

Krantijyoti Savitribai Phule-Promoting women's education

Date: 10th Mar 23

Students

(Boys & Girls) and Staff

 Tirelessly to end discrimination and toeducateand empower women and Dalit's.

| File Description | Documents |
|---|--|
| Annual gender sensitization action plan | https://www.anjumanengg.edu.in/Downloads/A OAR/2022-23/GENDER_EQUITY_ACTION_PLAN_WITH _ACTIVITIES_CONDUCTED.pdf |
| Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information | https://www.anjumanengg.edu.in/Downloads/A OAR/2021-22/7.1.1FACILITY-PROVIDED-GENDER- EQUALITY-21-22-B.pdf |

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensorbased energy conservation Use of LED bulbs/power efficient equipment

A. 4 or All of the above

| File Description | Documents |
|--------------------------------|------------------|
| Geo tagged Photographs | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

- 7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management
 - 1. Solid waste management: Within ACET campus solid waste collected by housekeeping agency, which also include collection of solid waste from dustbins kept at several locations i.e. Class rooms, corridors, halls, other places, etc. in a campus. Green dustbins and Blue dustbins are installed in campus; from their garbage is collected NMC waste collecting agency that dumped solid waste into dump

- yard maintained by NMC, Nagpur. Further process is carried by NMC, Nagpur.
- 2. Liquid waste management: The major sources of liquid waste consist of including human excreta, washrooms, laboratories, sullage waste, etc. Dealing with liquid wastes is one of the challenging tasks of urban sanitation. In ACET campus is located in urban area, within the city itself, Waste water is well managed by underground sewerage pipes, that was constructed and connected sewages chambers of NMC.
- 3. E-waste management: The sources of e-waste consist of completely damage items, like lab equipments, computers, peripherals, cables, outdated laboratories items, etc. To deals with E-waste all the departments of ACET, listed out of completely damage, outdated/obsolete items and these items are dumped in one store room. Then they are separated according to category of equipments/items which are completely damaged or which cannot be repaired. After necessary approval such items are disposed to e-waste management agency.

| File Description | Documents |
|---|------------------|
| Relevant documents like agreements / MoUs with Government and other approved agencies | <u>View File</u> |
| Geo tagged photographs of the facilities | <u>View File</u> |

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

| A. | Any | 4 | or | all | of | the | above |
|----|-----|---|----|-----|----|-----|-------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| File Description | Documents |
|---|------------------|
| Geo tagged photographs / videos of the facilities | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

| File Description | Documents |
|--|------------------|
| Geo tagged photos / videos of the facilities | <u>View File</u> |
| Various policy documents / decisions circulated for implementation | <u>View File</u> |
| Any other relevant documents | <u>View File</u> |

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

| File Description | Documents |
|---|------------------|
| Reports on environment and energy audits submitted by the auditing agency | <u>View File</u> |
| Certification by the auditing agency | <u>View File</u> |
| Certificates of the awards received | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

A. Any 4 or all of the above

5. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading

| File Description | Documents |
|--|------------------|
| Geo tagged photographs / videos of the facilities | <u>View File</u> |
| Policy documents and information brochures on the support to be provided | <u>View File</u> |
| Details of the Software procured for providing the assistance | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Institute had conducted several programs for providing an inclusive environment. It has taken various initiatives for promoting tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities. For well over 136 years, irrespective of the considerations of the various caste and creed. It has wide spread reputation in the field of education in Vidarbha, the students from diverse regional and cultural backgrounds have been participating and benefitting.

PROGRAMMES CONDUCTED TO PROVIDE AN INCLUSIVE ENVIRONMENT(LIKE EDUCATION / SOCIO-ECONOMICAL /CULTURAL/ COMMUNAL HARMONY)(Few of them are listed below and others events with supporting documents attached in link provided):-

TCS-Career preparedness Course

Blood donation camp

National level event "Techsaga 23"

Seminar on Pulwama Attack

Seminar on Soft skill Development

Seminar on Robotics and cloud Technology, RTM Nagpur University, Nagpur

Page 63/131 22-08-2023 10:48:00

STTP on Tools on Engineering Research by NITTTR, Chandigrah

National seminar on Best practices and Inclusion of NEP 2020

Seminar on energy conservation for School Students

Essay writing -intra branch event-Topic: G20 in India

Logo design competition

Seminar on Competitive Exam

The Corporate Connect, Soft skill training Program

Training on surface modeling by using ICT

Alumni Meets

Parents -Teachers meet

| File Description | Documents |
|--|------------------|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

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

Sensitization of students and employees of the Institution to the constitutionalobligations: values, rights, duties and responsibilities of citizens

The soul of cultural heritage of India lies in the fact that it's an all-embracing confluence of religions, traditions, customs and belief. Its ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race and gender. Institute sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen.

To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community.

Seminar/Webinars, Guest lectures and events were organized by calling eminent personalities to deliver lectures on various issues such as values, duties, responsibilities and on how to conserve the environment.

VARIOUS ACTIVITIES CONDUCTED BY THE INSTITUTION TO INCULCATE VALUES FOR BEING RESPONSIBLE CITIZENS AS REFLECTED IN THE CONSTITUTION OF INDIA(Few are listed below)

Awareness on Fundamental Rights

Awareness on Consumer Right

Clothes Donation Drives

Visit to old age home: Matru Seva Sangh

Yuva Sangam oraganized by AICTE

| File Description | Documents |
|--|---|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/7.1.9Sensitization-of-students- and-employees-of-the-Institution.pdf |
| Any other relevant information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/7.1.9-supporting-doc.pdf |

7.1.10 - The Institution has a prescribed code A. All of the above 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

Page 65/131 22-08-2023 10:48:00

and other staff 4. Annual awareness programmes on Code of Conduct are organized

| File Description | Documents |
|--|------------------|
| Code of ethics policy document | <u>View File</u> |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

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

Institute celebrates/ organizes national and international commemorative days, events and festivals. National festivals celebration plays an important role, in reviving our spiritual values and deep-rooted sentiments and unites us to celebrate/organizes National days with pride. It plants the seed of Nationalism and Patriotism among people of India. Our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. They remind us about the sacrifice of the national leaders, freedom fighters, inventor, researchers, etc. The students, faculty and staff of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout.

The lists of events organized for the National and International commemorative days are as follows: -

Republic Day

Engineers Day 2022

World Cancer day

Shivaji Jayanti

International Womens Day

Page 66/131 22-08-2023 10:48:00

Martyr's Day(Shaheed Diwas)

National Education Day(Maulana Abul Kalam Azad):

National Science Day:

World no Tobacco day:

National Unity Day

Teacher's Day

International Yoga day:

| File Description | Documents |
|---|------------------|
| Annual report of the celebrations and commemorative events for the last (During the year) | <u>View File</u> |
| Geo tagged photographs of some of the events | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1

Title of the Practice: - "Bridging Academia and Industry: Empowering Students through Internship Programs"

- 1. Objectives of the Practice: -
- Enhancing Practical Knowledge: It provide students with opportunities to apply theoretical concepts learned in classrooms to real-world situations, thereby enhancing their practical knowledge and skills.
- Preparing for the Job Market: It equip students with the necessary industry-specific skills and competencies that make them more employable and job-ready upon graduation.
- Building Industry Connections: It facilitate networking and professional relationship-building with employers and industry professionals, expanding students' industry

- connections and potential career opportunities.
- LINK:https://www.anjumanengg.edu.in/Downloads/AQAR/2022-23/7 .2-bestpratice1.pdf
- BEST PRACTICE-1 ADDITIONAL DATA LINK:https://www.anjumanengg
 .edu.in/Downloads/AQAR/2022-23/bestpractice1.pdf

Best Practice 2

Title of the Practice: - "Fostering Holistic Development through Student Club Activities"

- Objectives of the Practice: -
- The objective is to create a conducive and enriching environment within the institution that nurtures students' overall growth and well-being.
- The primary aim is to ensure that student club activities go beyond just recreational pursuits and serve as a platform for students to develop holistically in various dimensions of their lives.
- LINK: https://www.anjumanengg.edu.in/Downloads/AQAR/2022-23/bestpractice2.pdf

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/BEST-PRACTICES-22-23-1.pdf |
| Any other relevant information | https://www.anjumanengg.edu.in/Downloads/A QAR/2022-23/7.2-bestpractice1-additional- data.pdf |

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

"Promoting Inclusivity and Access to Education for Minority Students"

This practice highlights the institution's commitment to inclusivity and social responsibility by supporting minority students and leveraging external funding sources to facilitate their education. It emphasizes the institution's efforts to create an inclusive environment and showcases its proactive approach in

ensuring equal opportunities for all students, regardless of their background.

VISION: To be a center of excellence for developing technocrats with moral and social ethics, to face the global challenges for the sustainable development of the society.

PRIORITY:

Equity and Social Responsibility: Supporting minority students through external funding sources demonstrates the institution's commitment to providing equal opportunities for all students, irrespective of their socio-economic or cultural backgrounds.

Diversity Enriches Learning: Having a diverse student body enriches the learning experience for all students. Interacting with peers from diverse backgrounds fosters cultural understanding, tolerance, and broadens perspectives. It prepares students to thrive in a multicultural and globalized world.

THRUST:

- Outreach and Community Engagement: Engaging with various organizations to collect fees for supporting minority students reflects the institution's outreach efforts and collaboration with the community.
- Equity and Inclusivity: The institution's focus on promoting fairness and inclusivity by supporting minority students who may face economic challenges in pursuing higher education.
- Reputation and Branding: Showcasing the institution as an inclusive and socially conscious establishment, enhancing its reputation and attractiveness to potential students and stakeholders.

LINK:https://www.anjumanengg.edu.in/Downloads/AQAR/2022-23/7.3INSTITUIONAL_DISTINCTIVENESS-22-23update.pdf

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

- 1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process
- 1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

The institute being affiliated to RashtrasantTukadojiMaharaj Nagpur University, Nagpur adheres to the syllabus and Academic Calendar prescribed by the University. The college systematically designs and develops action plans for effective implementation of the curriculum. The Principal of the institution conducts meetings regularly with the Deans and Heads of the Department to chalk out various strategies, for effective implementation of the curriculum and to achieve the objectives of outcome based education.

The development & deployment of processes and action plan for effective implementation of the curriculum are detailed below:

- ? The institute's academic calendar is prepared by the Dean Academics along with academic committee in consonance with university academic calendar and approved by the Principal of the institute before commencement of every semester.
- ? Subjects are allotted to the faculties by Head of the department and the time table coordinator prepares time table for the semester considering the subject allotment and academic calendar. Class coordinator and class representative for each classes are finalized to monitor the engagement of the classes and students attendance.
- ? Monthly student's attendance reports are generated and corrective actions are taken.
- ? Internal examination are conducted and analyzed to monitor the performance of the students.

The feedback is taken from students on faculties, Library, laboratory, administration, curriculum, this feedback is analyzed and communicated to respective heads, faculties for the quality improvement.

Page 70/131

22-08-2023 10:48:00

https://www.anjumanengg.edu.in/Downloads/AQAR/2021-22/1.1.1CURR ICULUM.pdf

| File Description | Documents |
|-------------------------------------|---|
| Upload relevant supporting document | <u>View File</u> |
| Link for Additional information | https://www.anjumanengg.edu.in/Downloads/ AOAR/2021-22/1.1.1CURRICULUM.pdf |

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The academic calendar is released by the affiliating university and in accordance with that we frame our own academic calendar. The same academic calendar is published in the College prospectus and college website before the beginning of the session of every academic year. Institute ensures minimum 90 days of teaching per semester.

The improvements made by the institute in ensuring rigor and transparency in the internal assessment are as follows:

- Student's performance is continuously evaluated through attendance, Continuous Assessment Test (CAT 1) & (CAT 2), evaluation of practical exercises and project work.
- Class teachers, teacher-guardians and head of the departments continuously monitor the student's performance.
- At the start of each semester, the head of the department interacts with students and conveys them about the internal assessment process.
- The internal assessment scheme is also displayed on the notice boards.
- The parents are also made aware of the internal assessment process during parent-teacher meets and induction programs.
- The institute has transparent internal mark evaluation scheme in all departments. The internal marks evaluation scheme is conveyed by head of the department to the students and Faculty members, at the start of each semester.

22-08-2023 10:48:00

The evaluated answer sheets of every examination are shown to the students and the mark sheet is displayed on notice boards. Due weightage is given to the participation and achievements of students in different activities like certification of spoken tutorial, paper & project competitions, workshops, seminars, industrial training/internships, sports competitions etc.

| File Description | Documents |
|-------------------------------------|--|
| Upload relevant supporting document | <u>View File</u> |
| Link for Additional information | https://www.anjumanengg.edu.in/Downloads/ AOAR/2021-22/1-1-2cONTINUOUS- EVALUATION.pdf |

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

| File Description | Documents |
|---|------------------|
| Details of participation of teachers in various bodies/activities provided as a response to the metric | <u>View File</u> |
| Any additional information | <u>View File</u> |

1.2 - Academic Flexibility

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

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

6

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Minutes of relevant Academic Council/ BOS meetings | <u>View File</u> |
| Institutional data in prescribed format (Data Template) | <u>View File</u> |

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

6

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Brochure or any other document relating to Add on /Certificate programs | <u>View File</u> |
| List of Add on /Certificate programs (Data Template) | <u>View File</u> |

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

357

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Details of the students enrolled in Subjects related to certificate/Add-on programs | <u>View File</u> |

1.3 - Curriculum Enrichment

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

Secularism is ingrained in the institution's culture which is evident in the communal harmony among the students from various religion, ethnic, and socio-economic background.

Gender: Institution offers co-education;

- ? The institute promotes gender equality and elimination of unlawful discrimination and harassment by arranging different gender equality programs like TECHSAGA, CELESTIAL etc. Antiragging affidavit signed by the student and parent / guardian is compulsory, ensuring ragging is totally banned and anyone found guilty of ragging and/or abetting ragging is liable to be punished.
- ? The Institute also celebrates International Women's Day on 8th March by felicitation of all the lady teaching and non-teaching staff & students.

Environmental Education:

There is a need to focus on environmental issues which have caused climatic changes. To create a sense of awareness amongst the staff and the students: Programs such as tree plantation drive, poster presentation, Swach Bharat Abhiyaan, Plastic free drive, traffic awareness program etc. are being conducted on regular basis.

Human Values:

- ? Institute has Anjuman Peace & Humanity Club where students regularly organizes peace & humanity related activities like distribution of food kits to needy people, blanket distribution etc.
- ? Various activities like blood donation camp, programs on communal harmony etc. are being conducted under the banner of NSS to instil the human values.

Institute also celebrate the international yoga day to generate health and fitness awareness towards the staff and students of ACET.

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum. | <u>View File</u> |

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

5

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Programme / Curriculum/ Syllabus of the courses | <u>View File</u> |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | <u>View File</u> |
| MoU's with relevant organizations for these courses, if any | <u>View File</u> |
| Institutional Data in Prescribed Format | <u>View File</u> |

1.3.3 - Number of students undertaking project work/field work/ internships

518

| File Description | Documents |
|--|------------------|
| Any additional information | <u>View File</u> |
| List of programmes and number of students undertaking project work/field work//internships (Data Template) | <u>View File</u> |

1.4 - Feedback System

| 1.4.1 - Institution obtains feedback on the | A. All of the above |
|---|---------------------|
| syllabus and its transaction at the | |
| institution from the following stakeholders | |
| Students Teachers Employers Alumni | |

Page 75/131 22-08-2023 10:48:00

| File Description | Documents |
|---|---|
| URL for stakeholder feedback report | https://www.anjumanengg.edu.in/Downloads/ |
| | AQAR/2021-22/1.4.1-stakeholder- feedback.pdf |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management | <u>View File</u> |
| Any additional information | <u>View File</u> |

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

| File Description | Documents |
|-----------------------------------|--|
| Upload any additional information | <u>View File</u> |
| URL for feedback report | https://www.anjumanengg.edu.in/Downloads/ AQAR/2021-22/1.4.1-stakeholder- feedback.pdf |

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1531

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Institutional data in prescribed format | <u>View File</u> |

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

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

Page 76/131 22-08-2023 10:48:00

1495

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Number of seats filled against seats reserved (Data Template) | <u>View File</u> |

2.2 - Catering to Student Diversity

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

Anjuman College Engineering and Technology always have a culture of encouraging Bright students by providing them with necessary guidance, moral support, and motivation.

The advanced and slow learners are identified from performance in the internal assessment examinations, University results. Advanced and slow learners are motivated, encouraged, and mentored by the department and the institute. The learning needs of advanced and slow learners are fulfilled as follows:

- Expert Guest lectures on advanced topics are organized for Advanced Learners.
- Expert Guest lectures on basic topics are organized for Slow Learners.

Mentors are assigned to various classes. Student's deviation from studies is monitored by class coordinators the faculties have periodic meetings with parents, as both parents and faculties will create a positive mindset and will help to overcome inabilities and hurdles faced by weak students.

| File Description | Documents |
|---------------------------------------|--|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/2.2.1-All-List%20of%20Guest% 20Lectures%20Organised%20for%20Advanced%2 0and%20Slow%20Learners.pdf |
| Upload any additional information | <u>View File</u> |

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 1531 | 101 |

| File Description | Documents |
|----------------------------|------------------|
| Any additional information | <u>View File</u> |

2.3 - Teaching- Learning Process

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

The learning needs of the students are catered to through formal and informal feedback taken from studentsand staff members and the activities are executed.

Experiential Learning, and Participative Learning:

- Workshops, group discussions, seminars, quizzes, and poster presentations on different technologies areOrganized for thestudents.
- Seminar hall and tutorial rooms are made available for students to conduct seminars, guest lectures, Workshops, tutorials, and other student-centric activities

Problem-based learning (PBL) is a student-centric pedagogy in which students learn about the subjectThrough the experience of solving an open-ended problem.

- Mini and major projects are assigned to the student based on the problem-solution methodology.
- The groups are formed among the students for the project work, these project groups carry a literature survey and identify potential problems in the existing systems. They are required to define the objectives and provide the possible theory and hypothesis to it.

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Link for additional information | https://www.anjumanengg.edu.in/Downloads/AQAR/2022-23/2.3.1-All-Project+Student%20Centric%20Experiental%20Learning%20Participative%20Learning%20Seminars%20Workshops-2223.pdf |

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

To facilitate innovative and creative teaching-learning, the faculty is required to prepare detailed coursefiles which consist of course schedules and the subject teaching notes. The teaching notes are elaborate and are also available in digital form. Modern teaching aids are used for innovative teaching.

- 1. Method of Innovative Teaching: The faculty tries to bring innovation in teaching by use of various methods and multimedia tools such as NPTEL course materials, ICT tools, and YouTube videos for firsthand knowledge, discussion on platforms, learning through projects, and teaching through analogy. As a result, the students can also refer to NPTEL lectures which are mostly delivered by NIT/ IIT faculties.
- 2. Expert lectures for different courses are being delivered through this initiative. In addition, faculty members supplement their classroom teaching and lab courses through video films, animations, simulations, and live examples.
- 3. Interactive Learning: Depending on the contents of the syllabus, the faculty members facilitatemethodologies such as group interactions and problem-solving, and technical case studies. Studentsprepare power point presentations and related notes on the assigned topics. The Studentspresent seminars on the given topics in the class under the guidance of the teacher.

| File Description | Documents |
|---|------------------|
| Upload any additional information | <u>View File</u> |
| Provide link for webpage describing the ICT enabled tools for effective teaching- learning process | <u>View File</u> |

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

101

| File Description | Documents |
|--|------------------|
| Upload, number of students enrolled and full time teachers on roll | <u>View File</u> |
| Circulars pertaining to assigning mentors to mentees | <u>View File</u> |
| Mentor/mentee ratio | <u>View File</u> |

2.4 - Teacher Profile and Quality

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

101

| File Description | Documents |
|--|------------------|
| Full time teachers and sanctioned posts for year (Data Template) | <u>View File</u> |
| Any additional information | <u>View File</u> |
| List of the faculty members authenticated by the Head of HEI | <u>View File</u> |

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

Page 80/131 22-08-2023 10:48:00

29

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template) | <u>View File</u> |

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

1272

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| List of Teachers including their PAN, designation, dept. and experience details(Data Template) | <u>View File</u> |

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Institute Reforms:

The institute conducts Continuous Assessment Tests to assess the student's performance. The internal assessment criteria is defined by Dean Academics and approved by the Principal from time to time. Besides assessing through tests the students' performance is also checked through the teacher's assessment scheme where marks are allotted on assignments, attendance, seminar, etc

Our institute has adopted transparent internal assessment schemes in all departments. Weightage is given to the participation and achievements in different activities like paper & project competitions, workshops, seminars, industrial training/internships, etc Internal marks of practical are awarded on the basis of attendance, Continuous Assessment, Viva, etc

Head of the department monitors the internal assessment of the students. Any change in the evaluation reforms of the University is incorporated after deliberation and approval by concerned authorities and the same is circulated among all. At the end of each semester, class teachers display the internal marks scored by the students. The studentsection of the institute ensures that all the students' relevant issues are conveyed to University as per requirement.

| File Description | Documents |
|---------------------------------|--|
| Any additional information | <u>View File</u> |
| Link for additional information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/2.5.1-All-Academic- Calender+Internal%20Assessment-2223.pdf |

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, timebound and efficient

At Institute Level: The internal evaluation is majorly focused on students' attendance and their marks in Continuous Assessment Tests. The mechanism for redress of grievance with reference to internal evaluation is as follows:

The class teacher displays the attendance report on the notice board at the end of every month and students having any discrepancy gets corrected by approaching the concerned class teacher with due permission from the head of the department. Students who have taken prior permissions for leaves from the head of the department or genuine students with medical reasons are generally considered.

Faculty members evaluate the answer sheets of the Continuous Assessment Test and the evaluated answer sheets are shown to the students. Students' grievances related to the evaluation are addressed to the concerned faculty. In each department, the final internal assessment marks of the students are displayed. Class teachers and the head of the department address the queries of students, if any.

At the University level:

The University level grievances of the students are directed through the Administrative office. Any grievances related to admit cards, roll numbers, etc are addressed to the University and corrected within time before the commencement of the examination. The student is entitled to apply for a challenge to valuation in theory subjects by applying and paying the prescribed fee to the University. The challenge forms of the students are directed to the University through the student section.

| File Description | Documents |
|---------------------------------|---|
| Any additional information | <u>View File</u> |
| Link for additional information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/2.5.2-All-Notice-By-HOD-Mech anism%20of%20Internal%20Examination%20Rel ated%20Grievances-2223.pdf |

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Mechanism of Communication of COs and POs:

- COs and POs are displayed on the website of ACET and WhatsApp group by a mentor.
- COs and POs are discussed with the students at the beginning of the session.
- The COs are also written in the attendance register of Theory and Practical.
- The COs of Practical is also written in the practical record of each subject.
- COs are mentioned on the question paper and Lab course handouts.
- CO-PO are displayed in individual Laboratories.

| File Description | Documents |
|---|---|
| Upload any additional information | <u>View File</u> |
| Paste link for Additional information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/2.6.1-%20P0%20and%20C0%20Dis played%20on%20Website- Link%20of%20the%20CO's.pdf |
| Upload COs for all Programmes (exemplars from Glossary) | <u>View File</u> |

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Student learning outcomes are assessed through the attainment of Course Outcomes and Program outcomes

Assessment of Attainment of Course Outcome (CO):

The CO assessment for each course is done by individual faculties and assessed by the course coordinatorat the end of the semester. The assessment process has two following ways.

The direct tools for courses are described as below:

- Internal Examination (Theory Internal), (Theory internal based on CAT-I, CAT-II, Seminar Presentation, Group discussion, Viva, attendance)
- University Examination (TU-Theory Exam)

The results of the direct method and indirect method are combined and the final level of attainment ofcourse outcome is obtained for each subject. Based on the attainment of the Course Outcomes, the accreditation committee suggest a suitable modification to be incorporated direct assessment methods andindirect methods.

| File Description | Documents |
|---------------------------------------|--|
| Upload any additional information | <u>View File</u> |
| Paste link for Additional information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/2.6.2-All-CO- Attainment-2223.pdf |

2.6.3 - Pass percentage of Students during the year

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

300

| File Description | Documents |
|---|--|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | <u>View File</u> |
| Upload any additional information | <u>View File</u> |
| Paste link for the annual report | https://www.anjumanengg.edu.in/Downloads/ annual-report-22-23.pdf |

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 weblink)

https://acetacademic.com/Pages/Administration/Examination/Stati
sticsPublic.aspx

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

- 3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)
- 3.1.1.1 Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

26.90

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| e-copies of the grant award letters for sponsored research projects /endowments | <u>View File</u> |
| List of endowments / projects with details of grants(Data Template) | <u>View File</u> |

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

8

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Institutional data in prescribed format | <u>View File</u> |

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

2

| File Description | Documents |
|---|-----------------------------|
| List of research projects and funding details (Data Template) | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Supporting document from Funding Agency | <u>View File</u> |
| Paste link to funding agency website | https://www.aicte-india.org |

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Page 86/131 22-08-2023 10:48:00

Institute has created an ecosystem for Research and Innovation by

(i) taking initiative for creation and dissemination of knowledge

and (ii) establishing research laboratory:

Incubation center:

This centre has been established to facilitate innovative, flexible

and economical solutions to problems. A Innovation Centre has also

been established to display products made by students .The Institute

recognise as host institute for the implimentation of scheme .The

scheme is Support for entrepreneurial & managererial development of

MSMEs through incubator. Research laboratory:

Excellent research infrastructure has been created, both through external funding source that include, AICTE and also through

institute funding. Central facilities and research Laboratory have

been established that are accessible to all. It is ensured that they

are optimally utilized. The Institute has developed several research

lab in the area of research. These include: sound assisted

fluidization for co2 capture and sound assisted cooling. and has

sanctioned project from government of india and has received

Sponsored research projects amounting to more than INR 10 lakhs from

AICTE.

Some other initiatives include:

- 1. Entrepreneurship lectures.
- 2. Visits to industries
- 3. Organization of Technofest (Tech saga) to foster creativity and

innovation along with other creative art contests.

- 4. Project work for all students.
- 5. Annual exhibits of Models and Innovative ideas of students .
- 6. Skill training to augment potential for start-ups through

incubation center

| File Description | Documents |
|---------------------------------------|--|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://www.anjumanengg.edu.in/incubation cell.php |

- 3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year
- 3.2.2.1 Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

| File Description | Documents |
|--|------------------|
| Report of the event | <u>View File</u> |
| Any additional information | <u>View File</u> |
| List of workshops/seminars during last 5 years (Data Template) | <u>View File</u> |

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

8

| File Description | Documents |
|--|------------------------------------|
| URL to the research page on HEI website | https://anjumanengg.edu.in/rnd.php |
| List of PhD scholars and their details like name of the guide, title of thesis, year of award etc (Data Template) | View File |
| Any additional information | <u>View File</u> |

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

${\bf 3.3.2.1}$ - Number of research papers in the Journals notified on UGC website during the year

140

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| List of research papers by title, author, department, name and year of publication (Data Template) | View File |

- 3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year
- 3.3.3.1 Total number of books and chapters in edited volumes/books published and papers in national/international conference proceedings year wise during year

Page 89/131 22-08-2023 10:48:00

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| List books and chapters edited volumes/ books published (Data Template) | <u>View File</u> |

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

It advances the intellectual development of our students using

modern engineering curricula focused on quantitative and predictive

methods towards sensitizing as an overall individual, academic and

professional mentoring and service-based learning. Promotion of

extension activities in neighbourhood community: - 1.Blood Donation

Camp:-The Institution has organized blood donation camps in

collaboration with blood banks since inception with an

enthusiastically participation of students. 2. Competitive

exam guidance :-Staff has conducted academic classes as an Education

responsibility for 12th class students for various exams like MHTCET.

JEE etc. 3. Drugs awarenessProgram: - Programe was organised for awarenes about drugs for students

- 4. 'Swachhata pakhwada ':-Cleaning Awareness Camps have been organized bycollege students
- campus. 5. Career guidance: Career guidance programs

conduction at

various schools and colleges. 6. Utility project donation :- Final

year projects were donated to society having utility.

- 7. Swacha Bharat swasth Bharat programme was oraganised by NSS
- 8. Visit to Panchvati Vrudha asharam Department of electronics and communuication oraganised this event for students. Students help old community in this visit.
- 9. Winter cloths donation drive This event was organised by department of artificial intelligence and data science for social community benifits .

Institutecomprises of dedicated students consistently

improving their skills about social and environmental activities,

sustainable development and passion for social ethics, with service

orientation and holistic development.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/ AQA R/2021-22/NEW-NSS-ACTIVITY-21-22.pdf |
| Upload any additional information | <u>View File</u> |

- 3.4.2 Number of awards and recognitions received for extension activities from government / government recognized bodies during the year
- 3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

| File Description | Documents |
|--|------------------|
| Any additional information | <u>View File</u> |
| Number of awards for extension activities in last 5 year (Data Template) | <u>View File</u> |
| e-copy of the award letters | <u>View File</u> |

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year $\,$

13

| File Description | Documents |
|--|------------------|
| Reports of the event organized | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template) | <u>View File</u> |

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

| File Description | Documents |
|---|------------------|
| Report of the event | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Number of students participating in extension activities with Govt. or NGO etc (Data Template) | <u>View File</u> |

3.5 - Collaboration

- 3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year
- 3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

310

| File Description | Documents |
|--|------------------|
| e-copies of related Document | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Details of Collaborative activities with institutions/industries for research, Faculty | <u>View File</u> |

- 3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year
- 3.5.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

10

| File Description | Documents |
|--|------------------|
| e-Copies of the MoUs with institution./ industry/corporate houses | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Details of functional MoUs with institutions of national, international importance, other universities etc during the year | <u>View File</u> |

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning. viz., classrooms, laboratories, computing equipment etc.

An adequate infrastructure is provided at the institute as per the norms specified by AICTE, Modernization and updating of infrastructure resources are carried out from time to time even over and above the norms of AICTE

Classrooms: are well-ventilated with natural air and are having abundant sunlight along with LCD Projectors, and Smart Boards.

HEI has updated its laboratories for the newly introduced Artificial Intelligence & Data Science branch. AI & DS Department has a well-developed laboratory equipped with modern facilities and learning resources to achieve academic excellence according to its vision and strategic objectives.

AI & DS Laboratory is equipped with the advanced configuration of i7 computers and equipment which allow the students to explore and learn. The total cost of investment for the same is about Rs 35,18,565 /-

All the labs are having proper lighting and ventilation. The computer laboratory has a sufficient number of computers with the latest configuration along with printers, scanners, and photocopiers The College has a lush green and dust-free campus along with well-defined internal RCC roads for easy movement. The details of the infrastructure faculties are illustrated in additional information

| File Description | Documents |
|---------------------------------------|--|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/4.1.1%20ICT%20Enabled%20Labs .pdf |

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

The institute is well-equipped and provides various Indoor and outdoor facilities for promoting games

The institute is also well-equipped with Gymnasium and Auditorium. Students from various branches participated in the national-level completion through the parent university Rashtrasant Tukdoji Maharaj Nagpur University. The details are listed below and reports are attached in the additional information.

- 1. Nagpur District Tug of war competition under RTMNU held on dated 2 October 2022
- 2. RTMNU Inter College football tournament held on dated 10/10/202 to 14/10/2022
- 3. RTMNU Inter College Chess competition held on dated 12/10/202 to 14/10/202
- 4. RTMNU Inter College Kabbadi competition held on dated 10/10/22 to 13/10/2022
- 5. RTMNU Inter College Basketball tournament held on dated 28/10/2022
- 6. RTMNU Inter College Badminton competition held on dated 16/11/2022 to 19/11/2022
- 7. RTMNU powerlifting competition held on dated 27/11/22 to 29/11/2022
- 8. RTMNU SEPAK tournament held on dated 16/12/2022 to 17/12/2022
- 9. RTMNU Inter College Cricket tournament held on dated 9/1/2023 to 20/1/2023
- 10. All India intercollege Tug of war competition held on dated 14/1/2023 to 17/1/2023
- 11. Khasdaar Krida Mahotsav 2023 (Tug of war competition) held on dated 16/1/2023 to 17/1/2023 and many more provided in additional info

HEI also celebrated its annual function Celestial 2023 .The reportis enclosed.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://www.anjumanengg.edu.in/sports.php |

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart

class, LMS, etc.

27

| File Description | Documents |
|--|--|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2021-22/4.1.3ICT-Enable-%20classroom s-&-Seminar%20Hall.pdf |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | View File |

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

7.42

| File Description | Documents |
|--|------------------|
| Upload any additional information | <u>View File</u> |
| Upload audited utilization statements | <u>View File</u> |
| Upload Details of budget allocation, excluding salary during the year (Data Template | <u>View File</u> |

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The library of this institute was established in the year 1999. This library has been a fully computerized (Automated) library since the year 2006; a library management system is software that is designed to manage all the functions of a library. It helps the librarian to maintain the database of new books and the books that are borrowed by members along with their due dates. This system completely automates for library's activities. The best way to maintain, organize, and handle

countless books systematically is to implement a library management system software.

A library management system is used to maintain library records. It tracks the records of the number of books in the library, how many books are issued, how many books have been returned or renewed or late fine charges, etc.

Users can find books in an instant, issue/reissue books quickly, and manage all the data efficiently and orderly using this system. The purpose of a library management system is to provide instant and accurate data regarding any type of book, thereby saving a lot of time and effort.

| File Description | Documents |
|---------------------------------------|--|
| Upload any additional information | <u>View File</u> |
| Paste link for Additional Information | https://www.anjumanengg.edu.in/about- library.php |

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership ebooks Databases Remote access toeresources

A. Any 4 or more of the above

| File Description | Documents |
|---|------------------|
| Upload any additional information | <u>View File</u> |
| Details of subscriptions like e- journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template) | <u>View File</u> |

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

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

0.32

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Audited statements of accounts | <u>View File</u> |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | <u>View File</u> |

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

275

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Details of library usage by teachers and students | <u>View File</u> |

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Institute is updating its IT facilities time to time. In 2012-13. Institute has 543 computers with P IV and above configuration. Every department has computer labs equipped with internetfacility and all the PC have LAN connectivity. In 2014-15 new i5computers were purchased including laptop and servers.

In the year 2016-17, the institute had 611 latest computers with P IV and above processors that delivered high performance and efficiency. The institute also had a 100 mbps internet speed with Wi-Fi facility that covered the entire campus. The institute installed 8 hotspots at various locations such as CSE, S&H, Principal Cabin, Admission Cell, Electrical, etc. The Wi-Fi services and facilities enabled easy and convenient online access and communication for everyone at the institute. These features reflected the institute's dedication to providing its members with the best IT resources and facilities.

In 2022-23, the institute added 55 i5 computers and 5 i7 computers that provide even more power and speed for complex

tasks and applications. Moreover, the institute increased its internet bandwidth to 300 Mbps,

Student Computer Ratio: UG -1:6 and PG -1:4

Total computer 687, all are in working condition and for students 402

| File Description | Documents |
|---------------------------------------|--|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/4.3.2Final.pdf |

4.3.2 - Number of Computers

402

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | <u>View File</u> |
| List of Computers | <u>View File</u> |

4.3.3 - Bandwidth of internet connection in A. ? 50MBPS the Institution

| File Description | Documents |
|--|------------------|
| Upload any additional Information | <u>View File</u> |
| Details of available bandwidth of internet connection in the Institution | <u>View File</u> |

4.4 - Maintenance of Campus Infrastructure

- 4.4.1 Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)
- 4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

220.73

| File Description | Documents |
|--|------------------|
| Upload any additional information | <u>View File</u> |
| Audited statements of accounts | <u>View File</u> |
| Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates) | <u>View File</u> |

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

Policies details of systems and procedures for maintaining and utilizing physical Academic and Support facilities 1. Supervisors & external agency were hired to look after the house keeping of the complete institute. 2. The computer hardware, software and its networking are taken care by Lab Assistant & maintenance engineers of Computer Science & Engineering, Electronics and Telecommunication Department. 3. Regular maintenance of equipment in all laboratories were carried out by the technical staffs at the departmental level while in some cases it is referred to the sales & service department of the equipment manufacturer or a service provider. Concerned laboratory in-charge refers the case to HOD. Then HOD refers to the service provider. 4. Institute has employed technicians for up keeping and maintenance of electrical equipments, drinking water facilities and drainage faculties. 5. Security staffs were employed on contract basis to safe guards the whole premises. 6. Annual stock verification were done in all departments and reports of Damaged/Non functional equipments were forwarded. Necessary repair were undertaken accordingly. 7. Annual maintenance and repairing of infrastructure were carried out under Civil Infrastructure committee. 8. Software up gradation of each Departmental Labs were done under AMC. 9. Building accessories viz Lift ,Firefighting system etc were well installed and the maintenance of the same were carried out effectively through AMC (Annual maintenance contract) 10. MIS (Management Information System) of the college were well established and the automation were done to keep students performance academically and other records.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | <u>View File</u> |
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/AQAR/2022-23/4.4.2%20Policies%20for%20physical%20Academic%20and%20Support%20facilities.pdf |

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1373

| File Description | Documents |
|--|------------------|
| Upload self attested letter with the list of students sanctioned scholarship | <u>View File</u> |
| Upload any additional information | <u>View File</u> |
| Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template) | <u>View File</u> |

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

| File Description | Documents |
|--|------------------|
| Upload any additional information | <u>View File</u> |
| Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | <u>View File</u> |

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

| File Description | Documents |
|---|--|
| Link to Institutional website | https://www.anjumanengg.edu.in/Downloads/ AOAR/2022-23/5.1.3%20 Capacity building a nd skill enhancement 22-23.pdf |
| Any additional information | <u>View File</u> |
| Details of capability building and skills enhancement initiatives (Data Template) | <u>View File</u> |

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

789

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

| File Description | Documents |
|---|------------------|
| Any additional information | <u>View File</u> |
| Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template) | <u>View File</u> |

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization 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

A. All of the above

| File Description | Documents |
|--|------------------|
| Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee | <u>View File</u> |
| Upload any additional information | <u>View File</u> |
| Details of student grievances including sexual harassment and ragging cases | <u>View File</u> |

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

257

| File Description | Documents |
|--|------------------|
| Self-attested list of students placed | <u>View File</u> |
| Upload any additional information | <u>View File</u> |
| Details of student placement during the year (Data Template) | <u>View File</u> |

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

| File Description | Documents |
|--|------------------|
| Upload supporting data for student/alumni | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Details of student progression to higher education | <u>View File</u> |

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

4

| File Description | Documents |
|--|------------------|
| Upload supporting data for the same | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Number of students qualifying in state/ national/ international level examinations during the year (Data Template) | <u>View File</u> |

5.3 - Student Participation and Activities

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

| File Description | Documents |
|---|------------------|
| e-copies of award letters and certificates | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Number of awards/medals for outstanding performance in sports/cultural activities at uni versity/state/national/internatio nal level (During the year) (Data Template) | <u>View File</u> |

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Annually , the members of student council body elects the Student President & Secretary. The class representatives of final year are eligible for contesting the post of Students Secretary. The Student President & Secretary represents the college in university

meetings related to sports, cultural activities and other programs organized by the Rashtrasant Tukadoji Maharaj Nagpur University. University and college representative look after the students support activities.

In each semester, minimum two meetings between Dean Student Activities and Welfare and student Council members take place, where various matters related to Studies, Sports, Cultural activities, participation in various inter collegiate programs, grievances of students, and matters related to Administrative Work are discussed. The various student bodies are Academic Committee, Sports Committee, Training And Placement, NSS Cell, Student Grievance Cell, Discipline Committee, III Cell, ED Cell, ICC and Women's cell etc.

All these bodies have minimum three members from each department, one member each from 2nd year, 3rd year and 4th year. Apart from this each department has its own student forum, the X-TREME forum of Electronics and Communication department, KRANS forum of Computer Science and Engineering department, PHOENIX forum of Electrical department, MESA forum of Mechanical department, and ACES forum of Civil department.

The students of second year and third year are motivated for

Industrial Visit at the industries situated near to the Nagpur city.

The student council members also participated in number of social works such as blood donation, tree plantation, visit to orphanage, honesty corner, day celebrations etc

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/5.3.2-(SD)-22-23-latest.pdf |
| Upload any additional information | <u>View File</u> |

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

8

| File Description | Documents |
|--|------------------|
| Report of the event | <u>View File</u> |
| Upload any additional information | View File |
| Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template) | <u>View File</u> |

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

We have registered Alumni Association.

| File Description | Documents |
|---------------------------------------|--|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/5.4.1-SUPPORTING- DOC-22-23.pdf |
| Upload any additional information | <u>View File</u> |

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

E. <1Lakhs

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | <u>View File</u> |

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Vision

To be a centreof excellence for developing technocrats with moral and social ethics, to face the global challenges for the sustainable development of the society.

Mission

- To create conducive academic culture for the learning and identifying career goals.
- To provide quality technical education, research opportunities and imbibe entrepreneurship skills, contributing to the socioeconomic growth of the nation.
- To inculcate values and skills, that will empower our students towards development through technology

We at Anjuman college of Engineering & Technology are committed to create conducive academic culture for learning and identifying career goals to provide quality technical education of the institute, research opportunities and imbibe

Page 107/131 22-08-2023 10:48:01

entrepreneurship skills, contributing to the socio-economic growth of the nation and to inculcate values, skills that will empower our students, towards development through technology. The College is recognized by UGC, approved by AICTE and affiliated to RTMNU. The college is managed by eminent personality like Retired Justice Z.A.Haq Administrator, Mr. Anees Ahmad Offg.CEO A.H.I, and Dr.S. M. Ali Principal. The administrative system consists of Principal, Deans and Heads of various departments. Principal with Deans are responsible for formulating institute vision tuned policies. H.O.D's & faculties are responsible for implementing the various policies.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://anjumanengg.edu.in/Downloads/AQAR/2022-23/6.1.1-The-governance-of-the-institution-is-reflective-of-and-in-tune-with-the-vision-and-missio-of-the-instit%20ution.pdf |
| Upload any additional information | <u>View File</u> |

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

The strategic policies and perspective plans for the institute are formulated collectively by the Principal and faculty together to ensure effective implementation. College has various committees to implement the strategic policies and prospective plans. As an example, the Purchase Committee has been formulated to take care of the purchase processes of the institute. The Purchase Committee consists of members from the Teaching faculty, as nominated by the Principal. The faculty members, in consultation with the Head of the Department, propose the equipment / items to be purchased, as per the department. Letter of permission for procurement of the specified items, are then sanctioned by the Administrator / CEO / Principal. The permission letter is then submitted to the Purchase Committee & committee calls for sealedquotations as per required specification. The suppliers are then called for negotiation, in presence of the Principal and Administrator. After the negotiations, the supplier is finalized and purchase initiated. As soon as the equipment/ material is received, the items are verified by the Store-In charge and inspected by

members of the concerned department. The process for billing is then initiated by the purchase committee.

| File Description | Documents |
|---------------------------------------|--|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/AOAR/2022-23/6.1.2-The-effective-leadership-is-visible-in-various-institutional-practices-such-as-decentralization-and-participative-management.pdf |
| Upload any additional information | <u>View File</u> |

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategic Goals

The team of the ACET guided by the Mission and Vision of the institute and has framed the institutional strategic Goals

- · Focusing on an effective teaching-learning process.
- · Ensuring good Governance.
- · Establishing a continuous internal quality assurance system.
- · Concentrate on Industry Integration and partnership
- Enhancement of Alumni interaction cell and promotion of outreach activities
- · Serving the society and community through our Alumni
- · Developing physical infrastructure.
- · Provide financial support to the students
- · Availing of the various professional technical membership viz ISTE, ICT.

Strategy Development and Deployment

1. Academic activity:

Academic work includes curricular and co-curricular activities. Each subject teacher has to prepare an academic plan for their subject(s) before the commencement of coursework. The teachers have to take up the teaching lecture assigned to them. They should also organize co-curricular and extra-curricular activities. They have to perform every administrative/mentoring work assigned to them from time to time. In addition, they are expected to carry out Research and Consultancy activities.

2. Publicity work: The publicity committee works to make the students aware of college academics, placements & research works.

Other details are mentioned inStrategic Plan and deployment documents

| File Description | Documents |
|--|---|
| Strategic Plan and deployment documents on the website | <u>View File</u> |
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/6.2.1-The-institutional-Stra tegic-perspective-plan-is-effectively- deployed.pdf |
| Upload any additional information | <u>View File</u> |

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

The Institute is governed by Anjuman Hami-e-Islam, with Retd. Justice Hon'ble Z.A.Haq as Administrator. The Principal is the head of the Institute, working under the ambit of the governing trust. College Development Committee and IQAC are formed to devise plans and guidelines for overall development of the institute. Various Deans are in office for Administration, Academics, R&D and Students Activity. Each department has competent faculties and non teaching staff members to implement the suggested guidelines and policies. The Institute also has a full-fledged Library section. The training and placement department has a number of cells formed under its umbrella to achieve the mission of the Institute. Different committees are formed to perform specific required functions like purchase, maintenance, etc. The administrative officer works with the

accounts section, office staff, store incharge and different committees to complete the official work of the Institute. The Dean (Students) is responsible for the proper functioning of the Students council.

A number of bodies have been formed for effective functioning of the Institute. Some of the committees are shown below:

- 1. Academic Monitoring Committee
- 2. Discipline Committee
- 3. Women's Cell
- 4. Anti-Ragging Cell
- 5. Alumni Committee
- 6. Website update committee
- 7. College Magazine Committee
- 8. Exam Committee
- 9. Purchase Committee

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/6.2.2_2-The-functioning-of-t he-institutional-bodies-s-effective-and- efficient-as-visible-from-policies.pdf |
| Link to Organogram of the institution webpage | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/6.1.1-The-governance-of-the- institution-is-reflective-of-and-in-tune- with-the-vision-and-missio-of-the- instit*20ution.pdf |
| Upload any additional information | <u>View File</u> |

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and

A. All of the above

Support Examination

| File Description | Documents |
|--|------------------|
| ERP (Enterprise Resource Planning)Document | <u>View File</u> |
| Screen shots of user inter faces | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Details of implementation of e- governance in areas of operation, Administration etc(Data Template) | <u>View File</u> |

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff

The effective measures for teaching and non-teaching staff are:

- 1. Medi-claim Insurance for employees
- 2. Employees Provident Fund
- 3. Gratuity
- 4. Provision of Maternity Leave.
- 5. Special leave provision for faculty members pursuing higher qualifications like Ph.D.
- 6. Concession in fees to Wards of employees.
- 7. Provision of CCTV camera for security of the employees as well as students
- 8. Provision of First Aid Box / Sick Room.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/6.3.1-The-institution-has-ef fective-welfare-measuresfor-teaching-and- nonteaching-staff.pdf |
| Upload any additional information | <u>View File</u> |

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

34

| File Description | Documents |
|---|------------------|
| Upload any additional information | View File |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | <u>View File</u> |

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

5

| File Description | Documents |
|---|------------------|
| Reports of the Human Resource Development Centres (UGCASC or other relevant centres). | <u>View File</u> |
| Reports of Academic Staff College or similar centers | <u>View File</u> |
| Upload any additional information | <u>View File</u> |
| Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template) | <u>View File</u> |

6.3.4 - 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 etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

79

| File Description | Documents |
|--|------------------|
| IQAC report summary | <u>View File</u> |
| Reports of the Human Resource Development Centres (UGCASC or other relevant centers) | View File |
| Upload any additional information | <u>View File</u> |
| Details of teachers attending professional development programmes during the year (Data Template) | <u>View File</u> |

6.3.5 - Institutions Performance Appraisal System for teaching and non-teaching staff

Performance Appraisal of the staff is done at the end of each academic year. For this purpose, self-appraisal forms are filled up by the staff members themselves. The form is provided by the institute itself, based on the criteria it feels needed to be covered. Aided by these appraisal reports, performance appraisal of the faculty is done on the basis of the following major parameters: Feedback from students on the teaching performance of the faculty members. Feedback given by the students for each staff member is analyzed. Shortcomings or lacunae, if any, are conveyed to the staff members for selfimprovement. Research work done by the staff members, as quantified by their research publications in journals and conferences. Apart from academic performance, the contributions of the faculty members in the administrative and developmental activities of the college are also taken into account. Faculty dedication, attitude, and commitment toward their work are also considered while appraising them

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://anjumanengg.edu.in/Downloads/AQAR/2022-23/6.3.5-Institutions-Performance-Appraisal-System-for-teaching-and-non-teaching-staff.pdf |
| Upload any additional information | <u>View File</u> |

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Internal audit is conducted by an internal audit committee, which is appointed by the Principal. After thorough verification, the internal audit committee submits its appraisals and recommendations to the Principal for follow up action. The college accounts are also audited by a qualified external chartered accountant. There have been no major audit objections as advised by the chartered accountant. The Fee Regulatory Authority (FRA) increases or decreases the fees of the college after conducting a thorough audit.

| File Description | Documents |
|---------------------------------------|--|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/6.4.1-Institution-conducts-i nternal-and-external-financial-audits- regularly.pdf |
| Upload any additional information | <u>View File</u> |

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

37,44,290

| File Description | Documents |
|---|------------------|
| Annual statements of accounts | <u>View File</u> |
| Any additional information | <u>View File</u> |
| Details of Funds / Grants received from of the non- government bodies, individuals, Philanthropers during the year (Data Template) | <u>View File</u> |

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The Institute has a well defined mechanism to monitor effective and efficient use of available resources and fund mobilization. The college obtains proposals from concerned respective departments in which the teaching and non-teaching members are involved. The Purchase and Stores Committee of the college, headed by senior faculty members, collects all the purchase proposals with quotations and comparative statements. The committee prepares the consolidated proposal and submits it to the Principal for approval. The Principal in turn allocates budget for the proposals. Purchases are made with the recommendations of duly constituted Purchase Committee. The amount sanctioned for the proposal withdrawn from the banks follows a systematic mechanism of obtaining the signatures of the account officer, Purchase Committee, Principal and Administrator. Committees are annually formed which monitors the stock verification process at the end of each academic year. Further the financial resources are monitored by Assistant Accounts Officer, Principal and Management. Fees income is the major source of funding to the college. In this regard the income & expenditure amount statements for the preceding five years have been enclosed. The college currently has no financial deficit.

| File Description | Documents |
|---------------------------------------|--|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/Audited-Financial- Report-22-23.pdf |
| Upload any additional information | <u>View File</u> |

6.5 - Internal Quality Assurance System

- 6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes
- 1. Successfully Conducted National seminar on Topic "Fostering the best practices and outreach activities in HEI with accordance to NEP-2020".
- 2.Successfully conducted the FDP/Workshop/STTP in collaboration with NITTR Chandigarh as center coordinator conducted in various departments.
- 3. Successfully conducted Workshop on NAAC criteria by former vice chancellor RTM Nagpur University.
- 4. Successfully Conducted External AAA (Annual Academic Audit) for the academic session 2022-23.
- 5. Successfully initiated & executed Energy and green Audit.
- 6.Successfully Conducted IIIC (Institute Industry interaction cell) program "SAMAWESH".
- 7.Successfully conducted Workshop on frame working of NAAC accreditation criteria
- 8.Sanctioned RPS scheme from Govt for HEI's for doing Ph-D scholar Funds.

| File Description | Documents |
|---------------------------------------|--|
| Paste link for additional information | https://www.anjumanengg.edu.in/Downloads/AQAR/2022-23/6.5.1%20Internal%20Quality%20Assurance%20Cell%20(IQAC)%20has%20contributed%20significantly%20for%20institutionalizing%20the%20quality%20assurance%20strategies%20and%20processes.pdf |
| Upload any additional information | <u>View File</u> |

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Best Practice 1

Title of the Practice: - "Bridging Academia and Industry: Empowering Students through Internship Programs"

https://anjumanengg.edu.in/Downloads/AQAR/2022-23/bestpracticel.pdf

https://anjumanengg.edu.in/Downloads/AQAR/2022-23/7.2-bestpractice1-additional-data.pdf

Best practice 2

Title of the Practice: - "Fostering Holistic Development through Student Club Activities"

https://anjumanengg.edu.in/Downloads/AQAR/2022-23/bestpractice2.pdf

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://anjumanengg.edu.in/Downloads/AQAR/2022-23/7.2-bestpracticel-additional-data.pdf |
| Upload any additional information | <u>View File</u> |

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

| File Description | Documents |
|--|--|
| Paste web link of Annual reports of Institution | https://www.anjumanengg.edu.in/Downloads/ annual-report-22-23.pdf |
| Upload e-copies of the accreditations and certifications | <u>View File</u> |
| Upload any additional information | <u>View File</u> |
| Upload details of Quality assurance initiatives of the institution (Data Template) | <u>View File</u> |

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Right to equality is one of our six fundamental rights in the India and ACET ensures equal rights, responsibilities and opportunities to all staff members and students. The Institutes provides learning opportunities that enable them to adopt good practice in maintaining gender equality. The college provides inclusive environment for both gender. It operate fair and transparent procedure to all staff members and students for their assessment, progress and gives equal opportunity in college activities.

Institute has conducted following activities under gender equality initiative, few are listed below:-

Sr.No

Activities Conducted for Gender Equality

Target Participants

Action Plan

1

Online quiz on women's day and Fatima Sheikh(1st Muslim Women Teacher)

22-08-2023 10:48:01

Date:08th Mar 2023 Students(Boys & Girls) and Staff • For right to influence social change for themselves and others. • Promoting women's sense of self-worth, their ability to determine their own choices 2 Women empowering rally Date: 09th Mar 23 Students (Boys & Girls) and Staff • To spread message of brotherhood, and to motivate students to donate for underprivileged sector of society. 3 Krantijyoti Savitribai Phule-Promoting women's education Date: 10th Mar 23 Students (Boys & Girls) and Staff • Tirelessly to end discrimination and toeducateand empower women and Dalit's.

| File Description | Documents |
|----------------------------------|---|
| Annual gender sensitization | |
| action plan | https://www.anjumanengg.edu.in/Downloads/ |
| | AQAR/2022-23/GENDER_EQUITY_ACTION_PLAN_WI |
| | TH_ACTIVITIES_CONDUCTED.pdf |
| Specific facilities provided for | |
| women in terms of:a. Safety | https://www.anjumanengg.edu.in/Downloads/ |
| and security b. Counseling c. | AOAR/2021-22/7.1.1FACILITY-PROVIDED- |
| Common Rooms d. Day care | GENDER-EQUALITY-21-22-B.pdf |
| center for young children e. | |
| Any other relevant information | |

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

| File Description | Documents |
|--------------------------------|------------------|
| Geo tagged Photographs | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

- 7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management
 - 1. Solid waste management: Within ACET campus solid waste collected by housekeeping agency, which also include collection of solid waste from dustbins kept at several locations i.e. Class rooms, corridors, halls, other places, etc. in a campus. Green dustbins and Blue dustbins are installed in campus; from their garbage is collected NMC waste collecting agency that dumped solid waste into dump yard maintained by NMC, Nagpur. Further process is carried by NMC, Nagpur.
 - 2. Liquid waste management: The major sources of liquid waste consist of including human excreta, washrooms, laboratories, sullage waste, etc. Dealing with liquid wastes is one of the challenging tasks of urban sanitation. In ACET campus is located in urban area, within the city itself, Waste water is well managed by

- underground sewerage pipes, that was constructed and connected sewages chambers of NMC.
- 3. E-waste management: The sources of e-waste consist of completely damage items, like lab equipments, computers, peripherals, cables, outdated laboratories items, etc. To deals with E-waste all the departments of ACET, listed out of completely damage, outdated/obsolete items and these items are dumped in one store room. Then they are separated according to category of equipments/items which are completely damaged or which cannot be repaired. After necessary approval such items are disposed to e-waste management agency.

| File Description | Documents |
|--|------------------|
| Relevant documents like agreements / MoUs with Government and other approved agencies | <u>View File</u> |
| Geo tagged photographs of the facilities | <u>View File</u> |

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

A. Any 4 or all of the above

| File Description | Documents |
|---|------------------|
| Geo tagged photographs / videos of the facilities | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

7.1.5 - Green campus initiatives include

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

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

A. Ally I Of All Of the above

| File Description | Documents |
|--|------------------|
| Geo tagged photos / videos of the facilities | <u>View File</u> |
| Various policy documents / decisions circulated for implementation | <u>View File</u> |
| Any other relevant documents | <u>View File</u> |

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

| File Description | Documents |
|---|------------------|
| Reports on environment and energy audits submitted by the auditing agency | <u>View File</u> |
| Certification by the auditing agency | <u>View File</u> |
| Certificates of the awards received | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

| File Description | Documents |
|--|------------------|
| Geo tagged photographs / videos of the facilities | <u>View File</u> |
| Policy documents and information brochures on the support to be provided | <u>View File</u> |
| Details of the Software procured for providing the assistance | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Institute had conducted several programs for providing an inclusive environment. It has taken various initiatives for promoting tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities. For well over 136 years, irrespective of the considerations of the various caste and creed. It has wide spread reputation in the field of education in Vidarbha, the students from diverse regional and cultural backgrounds have been participating and benefitting.

PROGRAMMES CONDUCTED TO PROVIDE AN INCLUSIVE ENVIRONMENT(LIKE EDUCATION / SOCIO-ECONOMICAL /CULTURAL/ COMMUNAL HARMONY)(Few of them are listed below and others events with supporting documents attached in link provided):-

TCS-Career preparedness Course

Blood donation camp

National level event "Techsaga 23"

Seminar on Pulwama Attack

Seminar on Soft skill Development

Seminar on Robotics and cloud Technology, RTM Nagpur University, Nagpur

STTP on Tools on Engineering Research by NITTTR, Chandigrah

National seminar on Best practices and Inclusion of NEP 2020

Seminar on energy conservation for School Students

Essay writing -intra branch event-Topic: G20 in India

Logo design competition

Seminar on Competitive Exam

The Corporate Connect, Soft skill training Program

Training on surface modeling by using ICT

Alumni Meets

Parents -Teachers meet

| File Description | Documents |
|--|------------------|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

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

Sensitization of students and employees of the Institution to the constitutionalobligations: values, rights, duties and responsibilities of citizens

The soul of cultural heritage of India lies in the fact that it's an all-embracing confluence of religions, traditions, customs and belief. Its ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race and gender. Institute sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen.

To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood

and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community.

Seminar/Webinars, Guest lectures and events were organized by calling eminent personalities to deliver lectures on various issues such as values, duties, responsibilities and on how to conserve the environment.

VARIOUS ACTIVITIES CONDUCTED BY THE INSTITUTION TO INCULCATE VALUES FOR BEING RESPONSIBLE CITIZENS AS REFLECTED IN THE CONSTITUTION OF INDIA(Few are listed below)

Awareness on Fundamental Rights

Awareness on Consumer Right

Clothes Donation Drives

Visit to old age home: Matru Seva Sangh

Yuva Sangam oraganized by AICTE

| File Description | Documents |
|--|---|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/7.1.9Sensitization-of-studen ts-and-employees-of-the-Institution.pdf |
| Any other relevant information | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/7.1.9-supporting-doc.pdf |

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 4. Annual awareness programmes on Code

A. All of the above

Page 126/131 22-08-2023 10:48:01

of Conduct are organized

| File Description | Documents |
|--|------------------|
| Code of ethics policy document | <u>View File</u> |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

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

Institute celebrates/ organizes national and international commemorative days, events and festivals. National festivals celebration plays an important role, in reviving our spiritual values and deep-rooted sentiments and unites us to celebrate/organizes National days with pride. It plants the seed of Nationalism and Patriotism among people of India. Our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. They remind us about the sacrifice of the national leaders, freedom fighters, inventor, researchers, etc. The students, faculty and staff of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout.

The lists of events organized for the National and International commemorative days are as follows: -

Republic Day

Engineers Day 2022

World Cancer day

Shivaji Jayanti

International Womens Day

Martyr's Day(Shaheed Diwas)

National Education Day(Maulana Abul Kalam Azad):

National Science Day:

World no Tobacco day:

National Unity Day

Teacher's Day

International Yoga day:

| File Description | Documents |
|---|------------------|
| Annual report of the celebrations and commemorative events for the last (During the year) | <u>View File</u> |
| Geo tagged photographs of some of the events | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1

Title of the Practice: - "Bridging Academia and Industry: Empowering Students through Internship Programs"

- 1. Objectives of the Practice: -
- Enhancing Practical Knowledge: It provide students with opportunities to apply theoretical concepts learned in classrooms to real-world situations, thereby enhancing their practical knowledge and skills.
- Preparing for the Job Market: It equip students with the necessary industry-specific skills and competencies that make them more employable and job-ready upon graduation.
- Building Industry Connections: It facilitate networking and professional relationship-building with employers and industry professionals, expanding students' industry

- connections and potential career opportunities.
- LINK:https://www.anjumanengg.edu.in/Downloads/AQAR/2022-2 3/7.2-bestpratice1.pdf
- BEST PRACTICE-1 ADDITIONAL DATA LINK:https://www.anjumane ngg.edu.in/Downloads/AQAR/2022-23/bestpractice1.pdf

Best Practice 2

Title of the Practice: - "Fostering Holistic Development through Student Club Activities"

- Objectives of the Practice: -
- The objective is to create a conducive and enriching environment within the institution that nurtures students' overall growth and well-being.
- The primary aim is to ensure that student club activities go beyond just recreational pursuits and serve as a platform for students to develop holistically in various dimensions of their lives.
- LINK: https://www.anjumanengg.edu.in/Downloads/AQAR/2022-23/bestpractice2.pdf

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/BEST-PRACTICES-22-23-1.pdf |
| Any other relevant information | |
| | https://www.anjumanengg.edu.in/Downloads/ AQAR/2022-23/7.2-bestpractice1-additional- data.pdf |

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

"Promoting Inclusivity and Access to Education for Minority Students"

This practice highlights the institution's commitment to inclusivity and social responsibility by supporting minority students and leveraging external funding sources to facilitate their education. It emphasizes the institution's efforts to create an inclusive environment and showcases its proactive

approach in ensuring equal opportunities for all students, regardless of their background.

VISION: To be a center of excellence for developing technocrats with moral and social ethics, to face the global challenges for the sustainable development of the society.

PRIORITY:

Equity and Social Responsibility: Supporting minority students through external funding sources demonstrates the institution's commitment to providing equal opportunities for all students, irrespective of their socio-economic or cultural backgrounds.

Diversity Enriches Learning: Having a diverse student body enriches the learning experience for all students. Interacting with peers from diverse backgrounds fosters cultural understanding, tolerance, and broadens perspectives. It prepares students to thrive in a multicultural and globalized world.

THRUST:

- Outreach and Community Engagement: Engaging with various organizations to collect fees for supporting minority students reflects the institution's outreach efforts and collaboration with the community.
- Equity and Inclusivity: The institution's focus on promoting fairness and inclusivity by supporting minority students who may face economic challenges in pursuing higher education.
- Reputation and Branding: Showcasing the institution as an inclusive and socially conscious establishment, enhancing its reputation and attractiveness to potential students and stakeholders.

LINK:https://www.anjumanengg.edu.in/Downloads/AQAR/2022-23/7.3I NSTITUIONAL_DISTINCTIVENESS-22-23update.pdf

| File Description | Documents |
|--|------------------|
| Appropriate web in the Institutional website | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

7.3.2 - Plan of action for the next academic year

- 1) Preparation of NBA and get the NBA accreditation
- 2) Preparation and submission of SSR for NAAC peer team visit
- 3) Get the NABL (National accreditation board of laboratory) Certification for UG and PG labs
- 4) Focus on Research and Development activities and get the grant for R & D work
- 5) Follow and implement the NEP Guidelines set by Rastrasant Tukdoji Maharaj Nagpur University
- 6) MOU with foreign universities